# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Criteria 6

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|---|---|
| **Metric 6.3.3** | Average number of professional development / administrative training programs organized by the institute |

## Supporting Document

# Brochure, report, list of participants and photos with date and caption for each program organized

**(Year: 2018-19)**

## Year: 2018-19

| Sr. No. | Dates (from-to) (DD-MM-YYYY) | Title of the professional/ administrative development program organized for the teaching staff/ non-teaching staff | No. of participants | Page No. |
|---|---|---|---|---|
| 1 | 31-12-2018 to 05-01-2019 | Research Trends in Mechanical Engineering | 38 | 5-33 |
| 2 | 03-10-2018 to 03-10-2018 | One Day Workshop on Waste Management Rules and Innovation in Waste Management | 261 | 34-55 |
| 3 | 31-07-2018 to 04-08-2018 | Lecture series under endowment chair activity by Dr. Auroop Ganguly | 245 | 56-74 |
| 4 | 31-07-2018 to 31-07-2018 | One Day Workshop toward climate Resilient India | 127 | 75-90 |
| 5 | 02-03-2019 to 02-03-2019 | A hands on Training on " Self Defense Techniques for Women" | 26 | 91-98 |
| 6 | 08-09-2018 to 08-09-2018 | One day Workshop on " Soft Computing Techniques in Surveying | 33 | 99-105 |
| 7 | 03-12-2018 to 08-12-2018 | Short Term Training Programme on: Capacity Building for Interdisciplinary Research on Climate Change | 36 | 106-118 |
| 8 | 14-12-2018 to 14-12-2018 | Expert talk on Comparative Life cycle Performance Assesement of Low rise based Isolated and Conventional Steel Moment Reesisting frame | 26 | 119-124 |
| 9 | 17-12-2018 to 22-12-2018 | Deep Learning for Visual Computing | 27 | 125-129 |
| 10 | 17-12-2018 to 22-12-2018 | Evaluating Network with Mathematical and Simulation Modelling: SDN approach | 27 | 130-134 |
| 11 | 01-04-2019 to 06-04-2019 | Blockchain for Data Privacy and Security | 29 | 135-139 |
| 12 | 16-07-2018 to 21-07-2018 | Angular at front and Node at the Back: A rendezvous with Web | 31 | 140-144 |
| 13 | 02-07-2018 to 07-07-2018 | Grandling and Xcoding: Native and Cross Platform Mobile Application Development | 33 | 145-149 |
| 14 | 10-12-2018 to 15-12-2018 | One week workshop on "Deep Learning frombasics to Practice : Hands-on Introduction" | 46 | 150-169 |
| 15 | 24-06-2019 to 27-06-2019 | Advanced embedded linux and device driver development | 22 | 170-176 |
| 16 | 20-05-2019 to 25-05-2019 | Recent trends in mixed signal VLSI design | 32 | 177-186 |

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| 17 | 18-02-2019 to 23-02-2019 | Recent trends on antenna design | 31 | 187-194 |
| 18 | 17-12-2018 to 22-12-2018 | STTP on Challenges and solution in Electrical Power System | 45 | 195-201 |
| 19 | 13-12-2018 to 14-12-2018 | Endowment Chair Activity on “Key Issues and Challenges in Smart Grid Implementation” | 47 | 202-206 |
| 20 | 25-03-2019 to 29-03-2019 | Data Analytics using Python and R-Programming | 38 | 207-218 |
| 21 | 05-03-2019 to 09-03-2019 | Internet of Things (IOT): Enabling Technologies, Applications, Challenges & Research Opportunities | 36 | 219-232 |
| 22 | 03-12-2018 to 08-12-2018 | Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card and GPU Cloud | 36 | 233-245 |
| 23 | 26-07-2018 to 28-07-2018 | Continuing Education Program for Pharmacy Teachers | 30 | 246-253 |
| 24 | 17-06-2019 to 19-06-2019 | Domain Knowledge Training on Machine Learning, Data Mining and Other Cross-Disciplinary tools for Pharmacy Fraternity | 21 | 254-258 |
| 25 | 08-12-2018 to 09-12-2018 | Refresher Course for Registered Pharmacists | 97 | 259-264 |
| 26 | 01-02-2019 to 02-02-2019 | National Seminar on Translational Research in Cancer Biology | 200 | 265-276 |
| 27 | 07-07-2018 to 09-07-2018 | Artificial Intelligence and Deep Learning | 32 | 277-281 |
| 28 | 13-05-2019 to 18-05-2019 | Workshop on Research Prospects of Machine Learning Approaches for Data Analytics and Computer Vision | 39 | 282-293 |
| 29 | 05-10-2018 to 06-10-2018 | Workshop on Amazon Web Services with Cloud Computing | 56 | 294-310 |
| 30 | 08-03-2019 to 09-03-2019 | Internet of Things: A Hands-on Approach | 46 | 311-323 |
| 31 | 08-03-2019 to 09-03-2019 | Mobile Game Development | 48 | 324-328 |
| 32 | 01-03-2019 to 02-03-2019 | National workshop on AI and Deep Learning (NWAIDL - 2019) | 77 | 329-338 |
| 33 | 17-06-2019 to 22-06-2019 | Digital Humanities: Teaching for Research | 9 | 339-345 |
| 34 | 25-11-2018 to 01-12-2018 | Faculty Development Programme on Creativity, Problem Solving and Innovation at CHARUSAT University, Changa | 43 | 346-355 |
| 35 | 01-11-2018 to 02-11-2018 | Endowment Chair - Knowledge Management Series : Contemporary Strategic Management from Financial Perspectives | 144 | 356-368 |

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| 36 | 13-05-2019 to 17-05-2019 | Faculty Domain Knowledge Training Program(Biological Sciences) | 12 | 369-373 |
| 37 | 20-05-2019 | Installation cum Demonstration of Imaging analysis iBright Thermo Scientific (a.k.a - chemidoc) | 12 | 374-383 |
| 38 | 13-05-2019 to 15-05-2019 | HAST-PV Training Program | 8 | 384-393 |
| 39 | 22-09-2018 | S S Bhatnagar Lecture Series - Dr. Subhendranath Bhattacharya | 211 | 394-403 |
| 40 | 09-02-2019 | S S Bhatnagar Lecture Series - Dr. Shankar Doraiswami | 199 | 404-413 |
| 41 | 20-12-2018 to 21-12-2018 | CHAPCON 2018 | 172 | 414-430 |
| 42 | 21-09-2018 TO 21-09-2018 | Workshop on Basics of microsoft excel for nursing/research/public health | 16 | 431-442 |
| 43 | 10-08-2018 to 10-08-2018 | Workshop on Right to education | 61 | 443-456 |
| 44 | 11-10-2018 to 11-10-2018 | Workshop on Promoting Mental Health of young people in changing world | 59 | 457-471 |
| 45 | 06-04-2019 to 06-04-2019 | Workshop on Neonatal Nursing | 60 | 472-486 |
| 46 | 11-04-2019 to 11-04-2019 | Workshop on Neurological Examination | 32 | 487-500 |
| 47 | 14-02-2019 to 16-02-2019 | International Conference on Public Health: A workforce for Countdown 2030(SDGs) | 339 | 501-557 |
| 48 | 28-05-2019 to 28-05-2019 | National workshop on Strengthening Midwifery Practice for positive motherhood | 104 | 558-587 |
| 49 | 29-04-2019 to 30-04-2019 | Basic Life support workshop | 71 | 588-593 |
| 50 | 14-02-2019 to 15-03-2019 | Mobile Application Development using Cross Platform Application Development Frameworks | 32 | 594-598 |

## Registration Form

**GUJCOST sponsored**

**One Week**

**Short Term Training Program**

**On**

**"RESEARCH TRENDS IN MECHANICAL ENGINEERING"**

**31st December, 2018 to 5th January, 2019**

Name: ……

Designation: ……

Organization: ……..

Address: ……..

E-mail: ……

Mobile: ……..

Accommodation Required Yes ☐ No ☐

Please pay your fees by cheque or DD in favour of "Chandubhai S. Patel Institute of Technology" payable at Anand.

DD/Cheque No.: ……..

Dated: …… ……

Drawn on: (Bank) ……...

Rs.: .....

Signature of Applicant: ……

Certified that the above information is true to the best of my knowledge and the applicant is permitted to attend the same.

**Signature of Head of the Institute with date and seal**

***Note: Photocopy of this form can be used for Registration.***



### CHIEF PATRONS

- Shri Surendrabhai Patel, President, CHARUSAT
- Dr. M. C. Patel, Secretary, Kelavani Mandal
- Dr. Pankaj Joshi, Provost, CHARUSAT

### PATRON

- Dr. A. D. Patel, Principal , Chandubhai S. Patel Institute of Technology

### ADVISORY COMMITTEE

- Dr. S. P. Kosta, Advisor, CHARUSAT
- Dr. B.G. Patel, Advisor, CHARUSAT
- Dr. H. J. Jani, Advisor, CHARUSAT
- Mr. Ashok Patel, Advisor, CHARUSAT
- Dr. Devang Joshi, Registrar, CHARUSAT
- Dr. Amit Ganatra, Dean, CSPIT, CHARUSAT

### CONVENER

- Dr. Vijay Chaudhary, Professor & Head, C.M. Department of Mechanical Engineering Chandubhai S. Patel Institute of Technology.

### COORDINATORS

- Dr. Kamlesh Chauhan, Assistant Professor, CSPIT
- Dr. Dattatraya Subhedar, Assistant Professor, CSPIT

*The duly filled application forms along with DD should be sent to :*

**Dr. Kamlesh Chauhan**
**Email: kamleshchauhan.me@charusat.ac.in**
**Moblie No. : 9879023373**

The details of this STTP is available in the website
**http://www.charusat.ac.in**

GUJCOST sponsored

**One Week**

**Short Term Training Program**

**On**

# "RESEARCH TRENDS IN MECHANICAL ENGINEERING"

(31st December, 2018 to 5th January, 2019 )

Department of Science & Technology
Government of Gujarat

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Chandubhai S Patel Institute of Technology

## Organized by:

**CHAMOS MATRUSANSTHA**
**Department of Mechanical Engineering,**
Chandubhai S. Patel Institute of Technology, Charotar University of Science and Technology,
**Accredited with "Grade A" by NAAC**
Changa, Dist: Anand, Gujarat- -388421

## ABOUT THE UNIVERSITY

Charotar University of Science and Technology (CHARUSAT) is established under the promulgation of Gujarat Private Universities Act, 2009. The University is empowered to confer degrees under section 22 of the UGC Act 1956. CHARUSAT owns the distinction of being the first private University in the State of Gujarat to be accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade in the first cycle.

CHARUSAT under its ambit nurtures six faculties, nine Institutes and three Centers (within the constituent institutes), offering seventy different UG, PG, and Doctoral Programmes. The faculties include Faculty of Technology and Engineering, Faculty of Pharmacy, Faculty of Computer Science & Applications, Faculty of Management Studies, Faculty of Applied Sciences and Faculty of Medical Sciences. CHARUSAT at the same time emphasises on science and technology with bench marking of the highest international standards while taking stock of the national needs, demands and issues. Training for scientific research as well as entrepreneurship development are the two major considerations emphasized at CHARUSAT.

## ABOUT THE DEPARTMENT

The CHAMOS Matrusanstha Department of Mechanical Engineering offers undergraduate programme in Bachelor of Technology in Mechanical Engineering, postgraduate programmes in Master of Technology (AMT, CAD/CAM and Thermal Engg.) and Ph.D programs in Mechanical Engineering. The department is equipped with sophisticated laboratory equipments in various areas like Surface Engineering, Tribology, Reverse Engineering, Unconventional Machining, Control & Automation, Machine Vision, Metal casting etc. The department is also equipped with licensed software's like LABVIEW 2009, Hyper works 11.0, Autodesk , ANSYS, MINITAB, COMSOL, AutoCAST and XOR. The department have FESTO- Center of Excellence.

## OBJECTIVES OF STTP

- To provide opportunities for students, teachers and researchers to share and widen knowledge with their peers and to provide a forum to keep themselves abreast of the emerging trends in Mechanical Engineering.
- To impart theoretical background supported by sufficient practical knowledge for better understanding about emerging areas of Mechanical Engineering.

## MAJOR AREAS TO BE COVERED

- **Composites**
- **Metal casting**
- **Industrial management**
- **Alternative energy sources**
- **Nano fluid and nano technology**
- **Industry 4.0**



## IMPORTANT DATES

Last date of Registration: December 25, 2018
Confirmation of participation: December 28, 2018
*Limited seats are available on first-come-first-serve basis. Desirous participants should register as early as possible.*

## Resource Persons

- Dr. Vasudev Shinde ( DKTE & TEI, Kolhapur)
- Dr. Amit Sata (Marwadi University, Rajkot)
- Dr. Piyush Gohil (M.S.U, Baroda)
- Dr. P. V. Ramana (SVIT, Vasad)
- Dr. Bharat Ramani (Shri LTIET, Rajkot)
- Dr. Mayur Kevat (M.S.U. Baroda)
- Dr. Anand Joshi (GCET, V.V.Nagar)
- Dr. Unnati Joshi (PIT, Baroda)
- Dr. Darshak Desai (GCET, V.V.Nagar)
- Dr. Sanket Bhavsar (GCET, V.V.Nagar)
- Dr. Vivek Deshpande (GCET, V.V.Nagar)
- Dr. Mitesh Vegad (GCET, V.V.Nagar)

## PARTICIPATION

The STTP is open to all Faculty members, P.G. students, Research Scholars from Technical and Science Institutes and Engineers from Industry.

## REGISTRATION FEES

| CATEGORY | FEES |
|---|---|
| Research Scholars & PG Students | Rs.1500 |
| Delegates from Academic Institutions | Rs. 2000 |
| Delegates from Industries | Rs. 2500 |

Fees cover charges towards tea, snacks, and lunch during the program, a kit, and reference material.

**A Report on** GUJCOST sponsored One Week Short Term Training Program On "**RESEARCH TRENDS IN MECHANICAL ENGINEERING**" during 31st December, 2018 to 5th January, 2019




CHAMOS Matrusantha Department of Mechanical Engineering, Chandubhai S. Patel Institute of Technology (CHARUSAT) had organized a One Week Short Term Training Program on "RESEARCH TRENDS IN MECHANICAL ENGINEERING" in association with Gujarat Council of Science and Technology (GUJCOST), Govt. of Gujarat during 31st December, 2018 to 5th January, 2019.

Dr. Vasudev D. Shinde, Professor, Mechanical Engineering Department, DKTE society's Textile and Engineering Institute, Ichalkaranji, Dist: Kolhapur, Maharashtra was the Chief Guest for the event. The inaugural function was held in esteemed presence of dignitaries namely Dr. A.D. Patel, Principal CSPIT; Dr. Vijay Chaudhary, Convener & HOD, Mechanical Engg. Dept.; Prof. Dattatraya Subhedar & Prof. Kamlesh Chauhan, Coordinators of the STTP.

In this STTP research scholar, faculties from various institutes of Gujarat had participated. Experts talk and Laboratory session was organized to explore the various Research Trends in Mechanical Engineering.

During the first session of 31st December 2018, the Resource Person of the programme Dr. Vasudev D. Shinde explored the Recent Trends in Manufacturing - SMART Foundry and Rapid Manufacturing Research Trends in Medical, Dr.Bharat Ramani, Professor, Shri Labhubhai Trivedi Institute of Engg. & Tech, Rajkot, delivered the talk on recent trends and developments in Solar Thermal Collectors.

During the first session on 1st January 2019, Dr. Mayur Sutaria, CHARUSAT, Changa. Talked about Metal Casting: Opportunities and Aspirations. Dr. Amit Sata, Marwadi University, Rajkot talked about extending philosophy of Industry 4.0 to Metal Casting. Third session was casting laboratory hands-on. Fourth session was chaired by Dr. Gajanan Patange, CHARUSAT, Changa. He explored the Industry 4.0: It is revolution or evolution.

On 2nd January 2019, Dr. Piyush Gohil, M.S.U. Baroda talked about Polymer Composites: Basics to Research, Dr. Mayur Kevat, MSU, Baroda delivered his talk regarding Chemical looping with oxygen uncoupling, Dr. Vivek Deshpande, GCET, V.V.Nagar explored Computerized Techniques for Plant Layout Improvement.

Dr. Anand Joshi, GCET, V.V.Nagar, explored Overview of Micro Fabrication Technics on Fourth day of STTP in first session. Second session was chaired by Dr. Unnati Joshi, Dean PIT, Baroda. She explored the various synthesis technics of Nanocomposite. In third session Dr.Sanket Bhavsar, GCET, V.V.Nagar talked about Focused ion beam (FIB) micro milling technology and allied vision system. In fourth session Mr. Chandrashekhar, FESTO India explored the industry 4.0 in manufacturing.

During the first session on 4th January 2019, Dr. P.V.Ramana, SVIT, Vasad. Talked about Porous Medium in Heat Exchangers. Dr. Vijay Chaudhary, CHARUSAT, Changa talked about Machining of polymer Matrix Composite. Third session was laboratory session, In that Dr. Kamlesh Chauhan demonstrated on Magnetron

Spurting deposition technique for development of thin film. He also explores the process of measuring contact angle with the help of Goniometer.

During the first session on 5th January 2019, Dr. Dattatraya Subhedar, CHARUSAT, Changa. Talked about The Potential of Nanofluids in Solar Energy Systems. Second session was FESTO laboratory hands-on. Dr. Mitesh Vegad, GCET, V.V.Nagar talked about Proper Discritization of Convection terms in CFD. In the valedictory session, the coordinator of workshop Mr. Dattatraya Subhedar and Mr. Kamlesh Chauhan distributed the certificates to the participants. The programme was concluded with a vote of thanks by Mr. Kamlesh Chauhan. The workshop became a grand success with an active participation of 35 participants.




**Welcome Speech by Dr. Vijay Chaudhary, HOD, Mechanical Engineering Dept. CSPIT, Changa**



**Inaugural Speech by Dr. A.D. Patel, Principal, CSPIT, Changa**



**Expert session by Dr. Vasudev D. Shinde, Professor, Mechanical Engineering Department, DKTE society's Textile and Engineering Institute, Ichalkaranji, Dist: Kolhapur, Maharashtra**



**Expert session by Dr.Bharat Ramani, Professor, Shri Labhubhai Trivedi Institute of Engg. & Tech, Rajkot**



**Expert session by Dr. Amit Sata, Marwadi University, Rajkot**



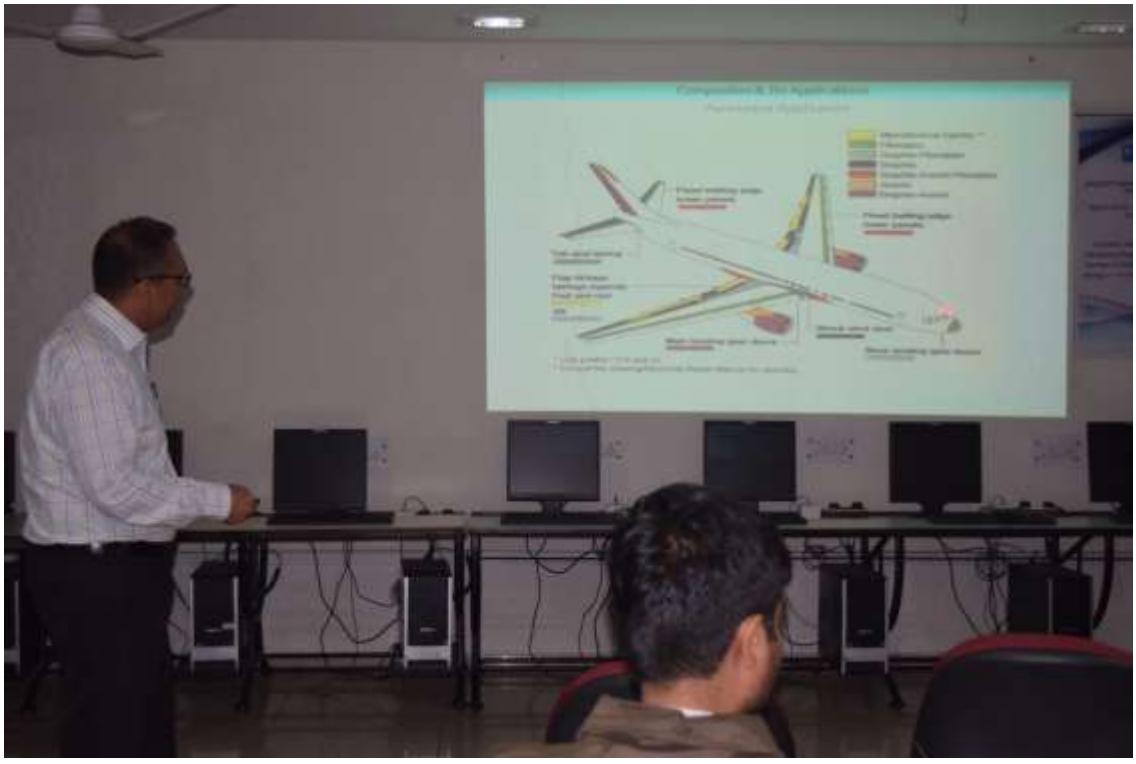
**Casting Lab session**



**Casting Lab session**



**Expert session by Dr. Gajanan Patange, CSPIT,CHARUSAT, Changa**



**Expert session by Dr. Piyush Gohil, Faculty of Technology & Engineering, The M S University of Baroda**




**Expert session by Dr. Mayur Kevat, Faculty of Technology & Engineering, The M S University of Baroda**




**Expert session by Dr. Vivek Deshpande, GCET, V.V.Nagar**



**Composite Lab session**



**Expert session by Dr. Anand Joshi, GCET, V.V.Nagar**




**Expert session by Dr. Unnati Joshi, PIT, Baroda**




**Expert session by Dr. Sanket Bhavsar, GCET, V.V.Nagar**




**Expert session by Mr. chandrashekhar Festo India**



**FESTO Lab Session**



**FESTO Lab Session**




**Expert session by Dr. Vijay Chaudhary, CSPIT, CHARUSAT, Changa**



**Surface Engineering Lab Session**



**Expert session by Dr. Dattatraya Subhedar, CSPIT, CHARUSAT, Changa**



**FESTO Lab Session**



**Expert session by Dr. Mitesh Vegad, GCET, V.V.Nagar**




**Valedictory function**

**Sign of Coordinator:**

**Sign of Head of Department**

# Chandubhai S. Patel Institute of Technology, Chnaga
## CHAMOS Matrusanstha Department of Mechanical Engineering

**GUJCOST sponsored**
**One Week**
**Short Term Training Program**
**On**
**"RESEARCH TRENDS IN MECHANICAL ENGINEERING"**
**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 05/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | | |
| 7 | Pandya Meetkumar Prashantbhai | | |
| 8 | Vahora Arbaj Lukmanbhai | | |
| 9 | Vyas Abhishek | | |
| 10 | Patel Dhruvik Vineshkumar | | |
| 11 | Barot Ravi Pankajkumar | | |
| 12 | Chauhan Nileshbhai Jagdishbhai | | |
| 13 | Parekh Nisarg Janakkumar | | |
| 14 | Parekh Parth Pankajkumar | | |
| 15 | Patel Bhargav Yogeshbhai | | |
| 16 | Dave Sonukumar Vishnukumar | | |
| 17 | Patel Ankitkumar Satishbhai | | |
| 18 | Divyeshkumar Dave | | |
| 19 | Nicky Patel | | |
| 20 | Vishal R. Mehta | | |
| 21 | Kawaljit Singh Randhawa | | |
| 22 | Axat V. Patel | | |

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# Attendance Record
# Date: 05/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 23 | Maulik V. Shah | | |
| 24 | Amit Makwana | | |
| 25 | Abhishek Swarnkar | | |
| 26 | Adityasingh Bais | | |
| 27 | Akash Vyas | | |
| 28 | Harmish Bhatt | | |
| 29 | Zankhan Sonara | | |
| 30 | Anand P. Patel | | |
| 31 | Madhav Oza | | |
| 32 | Kundan Patel | | |
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**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 04/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | M.R. Mistry | M.R. Mistry |
| 7 | Pandya Meetkumar Prashantbhai | | |
| 8 | Vahora Arbaj Lukmanbhai | | |
| 9 | Vyas Abhishek | | |
| 10 | Patel Dhruvik Vineshkumar | | |
| 11 | Barot Ravi Pankajkumar | R.P. Barot | R.P. Barot |
| 12 | Chauhan Nileshbhai Jagdishbhai | | |
| 13 | Parekh Nisarg Janakkumar | | |
| 14 | Parekh Parth Pankajkumar | | |
| 15 | Patel Bhargav Yogeshbhai | B.Y. Patel | B.Y. Patel |
| 16 | Dave Sonukumar Vishnukumar | | |
| 17 | Patel Ankitkumar Satishbhai | | |
| 18 | Divyeshkumar Dave | | |
| 19 | Nicky Patel | | |
| 20 | Vishal R. Mehta | | |
| 21 | Kawaljit Singh Randhawa | | |
| 22 | Axat V. Patel | | |

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**31st December, 2018 to 5th January, 2019**

## Attendance Record
## Date: 04/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 23 | Maulik V. Shah | | |
| 24 | Amit Makwana | | |
| 25 | Abhishek Swarnkar | | |
| 26 | Adityasingh Bais | | |
| 27 | Akash Vyas | | |
| 28 | Harmish Bhatt | | |
| 29 | Zankhan Sonara | | |
| 30 | Anand P. Patil | | |
| 31 | Madhav Oza | | |
| 32 | Kundan Patel | | |
| 33 | Dipak Patel | | |
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**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 03/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | M.R. Mistry | M.R. Mistry |
| 7 | Pandya Meetkumar Prashantbhai | | |
| 8 | Vahora Arbaj Lukmanbhai | | |
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## Attendance Record
## Date: 03/01/2019

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|---|---|---|---|
| 23 | Maulik V. Shah | | |
| 24 | Amit Makwana | | |
| 25 | Abhishek Swarnkar | | |
| 26 | Adityasingh Bais | | |
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| 28 | Harmish Bhatt | | |
| 29 | Zankhan Sonara | | |
| 30 | Anand P. Patel | | |
| 31 | Madhav Oza | | |
| 32 | Kunder Patel | | |
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# Chandubhai S. Patel Institute of Technology, Chnaga
## CHAMOS Matrusanstha Department of Mechanical Engineering

**GUJCOST sponsored**
**One Week**
**Short Term Training Program**
**On**
**"RESEARCH TRENDS IN MECHANICAL ENGINEERING"**
**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 02/01/2019

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | M. R. Mistry | M. R. Mistry |
| 7 | Pandya Meetkumar Prashantbhai | | |
| 8 | Vahora Arbaj Lukmanbhai | | |
| 9 | Vyas Abhishek | | |
| 10 | Patel Dhruvik Vineshkumar | | |
| 11 | Barot Ravi Pankajkumar | | |
| 12 | Chauhan Nileshbhai Jagdishbhai | | |
| 13 | Parekh Nisarg Janakkumar | | |
| 14 | Parekh Parth Pankajkumar | | |
| 15 | Patel Bhargav Yogeshbhai | | |
| 16 | Dave Sonukumar Vishnukumar | | |
| 17 | Patel Ankitkumar Satishbhai | | |
| 18 | Divyeshkumar Dave | | |
| 19 | Nicky Patel | | |
| 20 | Vishal R. Mehta | | |
| 21 | Kawaljit Singh Randhawa | | |
| 22 | Axat V. Patel | | |

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# Date: 02/01/2019

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|---|---|---|---|
| 23 | Maulik V. Shah | | |
| 24 | Amit Makwana | | |
| 25 | Abhishek Swarnkar | | |
| 26 | Adityasingh Bais | Bais Adityasingh | Bais Adityasingh |
| 27 | Akash Vyas | | |
| 28 | Harmish Bhatt | | |
| 29 | Zankhan Sonara | | |
| 30 | Anand P. Patel | | |
| 31 | Madhav Oza | | |
| 32 | Kundan Patel | | |
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**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 01/01/2019

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|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | | |
| 7 | Pandya Meetkumar Prashantbhai | | |
| 8 | Vahora Arbaj Lukmanbhai | | |
| 9 | Vyas Abhishek | | |
| 10 | Patel Dhruvik Vineshkumar | | |
| 11 | Barot Ravi Pankajkumar | | |
| 12 | Chauhan Nileshbhai Jagdishbhai | | |
| 13 | Parekh Nisarg Janakkumar | | |
| 14 | Parekh Parth Pankajkumar | | |
| 15 | Patel Bhargav Yogeshbhai | | |
| 16 | Dave Sonukumar Vishnukumar | | |
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**31st December, 2018 to 5th January, 2019**

# Attendance Record
# Date: 31/12/2018

| Sr. No. | Name of Participant | Morning Session | Afternoon Session |
|---|---|---|---|
| 1 | Jadav Niravkumar Mukeshsinh | | |
| 2 | Joshi Yash Rasikbhai | | |
| 3 | Kamaliya Rohit Nanubhai | | |
| 4 | Kansara Meet Prathmeshkumar | | |
| 5 | Masi Kurban Husain Abidali | | |
| 6 | Mistry Mehulkumar Rameshchandra | M.R. Mistry | M.R. Mistry |
| 7 | Pandya Meetkumar Prashantbhai | | |
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**Pinki Sharma <pinkysharma.cv@charusat.ac.in>**

# One Day Workshop on Waste Management Rules and Innovations in Waste Management

3 messages

**Mitali Vedanti** <mitalivedanti.cv@charusat.ac.in> Thu, Sep 27, 2018 at 2:09 PM
To: kanan gamit <kanangamit.ph@charusat.ac.in>, Sonal Rami <sonalrami.it@charusat.ac.in>, Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>, "Mr. Binit Patel" <binitpatel.mba@charusat.ac.in>, Dhaval Bhoi <dhavalbhoi.ce@charusat.ac.in>, Hardik Jayswal <hardikjayswal.it@charusat.ac.in>, Poonam Thanki <poonamthanki.ec@charusat.ac.in>, mihir patel <mihirrpatel.ee@charusat.ac.in>, Dattatraya Subhedar <dattatraya.me@charusat.ac.in>, Prabhin Sukumaran <prabhinsukumaran.cv@charusat.ac.in>, mansi paradkar <mansiparadkar.ph@charusat.ac.in>, Reshma Sable <reshmasable.mba@charusat.ac.in>, Janki Thakker <jankithakker.bt@charusat.ac.in>, Prakash Vaidhyalingam <prakashv.phy@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charusat.ac.in>, Ashwin Makwana <ashwinmakwana.ce@charusat.ac.in>, Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, Sharonkeral Raj <sharonkeralraj.nur@charusat.ac.in>, Ekta Macwan <ektamacwan.nur@charusat.ac.in>, anilkumar jarali <anilkumarjarali.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Nirali Honest <niralihonest.mca@charusat.ac.in>, Civil <civil@charusat.ac.in>
Cc: Convener Equal Opportunity Cell CHARUSAT <convener.eoc@charusat.ac.in>, Prakash Dabhi <prakashdabhi.cv@charusat.ac.in>

Dear Sir/ Madam,

As part of Equal Opportunity Cell (EOC), M S Patel Department of Civil Engineering, CSPIT is organizing a One Day Workshop on **"Waste Management Rules and Innovations in Waste Management" on 03rd October, 2018**. Please find the attachment for the same. All the interested students and colleagues are requested to register themselves by filling the registration form on or before 30th September, 2018.

Online registration is open on the link:
**https://docs.google.com/forms/d/e/1FAIpQLSf1Ai548MZjItEM3JcTUFXIsJNvF8jFNW7uUvceF8doOdsLfg/viewform?usp=sf_link**

**The registration is free. So please motivate students to participate.**

--



Mitali Vedanti
Assistant Professor
Manubhai Shivabhai Patel Department of Civil Engineering
CSPIT, CHARUSAT,
Changa - 388 421.
Contact No. - +91 9428028326
E-mail ID. - mitalivedanti.cv@charusat.ac.in

**EOC - Workshop.pdf**
134K

**Mitali Vedanti** <mitalivedanti.cv@charusat.ac.in> Mon, Oct 1, 2018 at 4:05 PM

To: kanan gamit <kanangamit.ph@charusat.ac.in>, Sonal Rami <sonalrami.it@charusat.ac.in>, Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>, "Mr. Binit Patel" <binitpatel.mba@charusat.ac.in>, Dhaval Bhoi <dhavalbhoi.ce@charusat.ac.in>, Hardik Jayswal <hardikjayswal.it@charusat.ac.in>, Poonam Thanki <poonamthanki.ec@charusat.ac.in>, mihir patel <mihirrpatel.ee@charusat.ac.in>, Dattatraya Subhedar <dattatraya.me@charusat.ac.in>, Prabhin Sukumaran <prabhinsukumaran.cv@charusat.ac.in>, mansi paradkar <mansiparadkar.ph@charusat.ac.in>, Reshma Sable <reshmasable.mba@charusat.ac.in>, Janki Thakker <jankithakker.bt@charusat.ac.in>, Prakash Vaidhyalingam <prakashv.phy@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charusat.ac.in>, Ashwin Makwana <ashwinmakwana.ce@charusat.ac.in>, Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, Sharonkeral Raj <sharonkeralraj.nur@charusat.ac.in>, Ekta Macwan <ektamacwan.nur@charusat.ac.in>, anilkumar jarali <anilkumarjarali.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Nirali Honest <niralihonest.mca@charusat.ac.in>, Civil <civil@charusat.ac.in>, arteetyagi.cips@charusat.ac.in, dharapatel.cips@charusat.ac.in, Principal CIPS <principal.cips@charusat.ac.in>, Principal MTIN CHARUSAT <principal.mtin@charusat.ac.in>, seema amin <seemaamin.bt@charusat.ac.in>
Cc: Convener Equal Opportunity Cell CHARUSAT <convener.eoc@charusat.ac.in>, Prakash Dabhi <prakashdabhi.cv@charusat.ac.in>

Dear all,

Kindly note that the venue for the workshop has been shifted from Seminar Hall, EC Department to **RPCP Auditorium** due to huge registrations.

Also, kindly note that the reporting and registration time is **09.15 am.**

Anticipating cooperation and awaiting your positive involvement during the workshop.

Thanks.

Mitali Vedanti
[Quoted text hidden]

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**Vijay panchal** <vijaypanchal.cv@charusat.ac.in> Mon, Oct 1, 2018 at 4:13 PM
To: civil@charusat.ac.in

[Quoted text hidden]
--
Dr. V. R. Panchal
Professor, Civil Engineering Department
Faculty of Technology and Engineering (CSPIT)
Charotar University of Science and Technology (CHARUSAT), Changa
District: Anand, Gujarat
Mobile No.: 9979046204
Extension No.: 5081
**ACCREDITED WITH "A" GRADE BY NAAC, GOI**
**ACCREDITED WITH "A" GRADE BY KCG, GOG**

**EQUAL OPPORTUNITY CELL, CHARUSAT, CHANGA**

**Notice**

Date: 27th September, 2018.

This is informing to the students and staff of CHARUSAT that M S Patel Department of Civil Engineering, CSPIT is organizing a One Day Workshop on "Waste Management Rules(2016) and Innovations in Waste Management" under the Equal Opportunity Cell (EOC), CHARUSAT, Changa.

| | |
|---|---|
| **Date of event** | 03rd October, 2018 [Wednesday] |
| **Time/duration of event** | 09.30am to 03.00 pm |
| **Name of event** | One Day Workshop on **"Waste Management Rules(2016) and Innovations in Waste Management"** |
| **Venue** | Seminar Hall (212), EC/EE Building, CSPIT |
| **Name of Resource persons** | Mr. Naresh Thakar, former Environment Inspector & PRO, GPCB<br>Mr. Alkesh Rathod, Regional Officer, GPCB |

All the interested students and colleagues are required to register themselves by filling the registration form on or before 30th September, 2018.

# CHARUSAT UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHANGA – 388 421

## EQUAL OPPORTUNITY CELL

# Event Report

**Name of Department/Institute: M S Patel Department of Civil Engineering, CSPIT**

**Name of Activity: One Day Workshop on "Waste Management Rules and Innovations in Waste Management"**

**Date and Time of Activity: 3rd October, 2018 (9.30 AM – 3.30 PM)**

**Coordinator of Activity : Ms. Mitali Vedanti / Mr. Prakash Dabhi**

**Resource person details:**

| Sr. No. | Name of the resource person | Organization of resource person |
|---|---|---|
| 1. | Mr. Alkesh Rathod | Deputy Engineer, GPCB, Nadiad |
| 2. | Mr. Naresh Thakar | Former PRO, GPCB, Gandhinagar |

**Schedule of Activity:**

| Date | Time | Session | Activity |
|---|---|---|---|
| 03-10-2018 | 09.15 am to 10.00 am | Registration / Refreshments | |
| | 10.00 am to 12.00 pm | Session I: **Municipal Solid Waste Management Rules (2016) & Construction and Demolition Waste Management Rules (2016), Hazardous and other wastes (Management and Trans-boundary Movement) Rules (2016)** by Mr. Alkesh Rathod. | Expert Talk |
| | 12.00 pm to 01.00 pm | Lunch Break | |
| | 01.00 pm to 03.00 pm | Session II: **Electronic Waste Management Rules (2016), Plastic Waste Management Rules (2016) and Biomedical Waste Management Rules (2016)** by Mr. Naresh Thakar. | Expert talk and activities |
| | 03.00 pm to 03.30 pm | Concluding and certificate distribution | |

**Summary of the Event (Maximum 200 words):**

Session I: Mr. Alkesh J. Rathod covered all technical details pertaining to various laws, rules and amendments thereof in detail. The expert especially focused on current trends and practices followed in the industry, various municipal corporations and their loopholes. The expert also deliberated upon the prevailing norms to deal with violations of such rules and regulations.

Session II: Mr. Naresh Thakar has already provided handouts to be distributed to the participants in advance, so as to make them aware about the important aspects to be covered during the workshop. Proper planning has been done to make the session interactive, fruitfull and meaningful from expert as well as coordinators. This interactive session was conducted while dividing total participants into different groups, wherein thay have been asked to perform certain activities and also to resolve problems given to them. All the participants involved themselves positively and the entire session was successfully enjoyed by both, the expert as well as the participants.

**Registration fee: No registration fees**

**List of Participants: (LIST ATTACHED)**

| Sr. No. | Name of participant | ID No./ Employee code | Signature |
|---|---|---|---|
| 1. | (LIST ATTACHED SEPERATELY) | | |
| 2. | | | |
| 3. | | | |
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**Number of male students participated in activity: 49**

**Number of female students participated in activity: 135**

**Number of teaching staff participated in activity: 06**

**Number of non- teaching staff participated in activity: 02**

**Organizing body: (Equal Opportunity Cell)**

**Collaborating agency (If any): NA**

**Name of the scheme (If any): NA**

**Total Budget sanctioned for the activity: INR 20,000/-**

Accounts details:

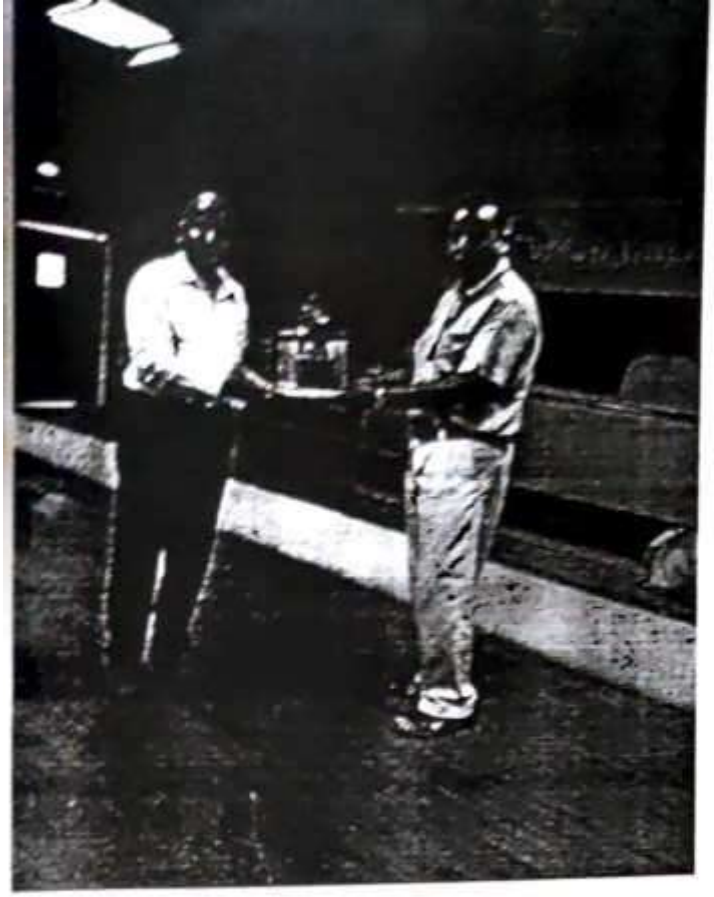
| Sr. No. | Details | Rupees |
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| **Income** | | |
| 1. | - | - |
| 2. | - | - |
| **Expenses** | | |
| 1. | Remuneration to Mr. Alkesh Rathod | 2,000.00 |
| 2. | T.A. to Mr. Alkesh Rathod | 225.00 |
| 3. | Remuneration to Mr. Naresh Thakar | 2,000.00 |
| 4. | T.A. to Mr. Naresh Thakar | 1,500.00 |
| 5. | Tea and Biscuits for participants (2,010 + 712) | 2,722.00 |
| 6. | Certificate | 3,375.00 |
| 7. | Banner | 360.00 |
| 8. | Miscellaneous (300 + 300 + 100) | 700.00 |
| **Total** | | **12,882.00** |

**Overall impact of workshop: Excellent**/Very Good/Good/Average/Poor

**Photographs of the event with captions (at least six photographs):**

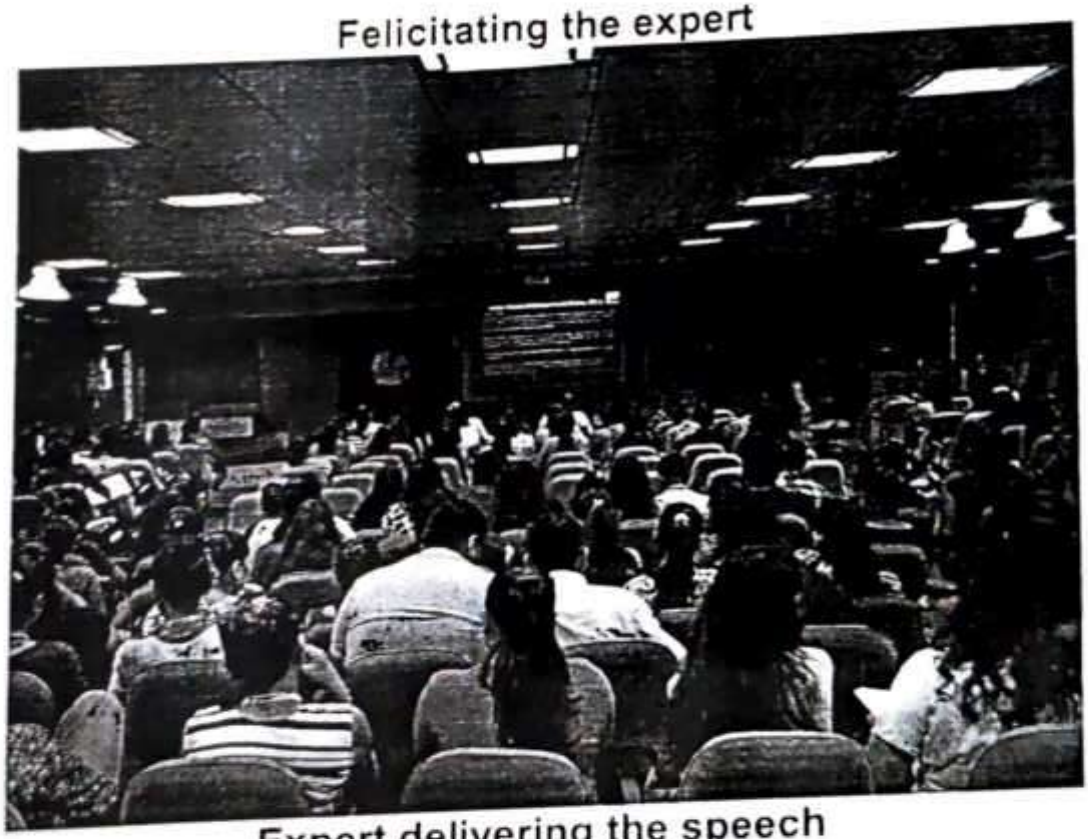


Participants during the workshop





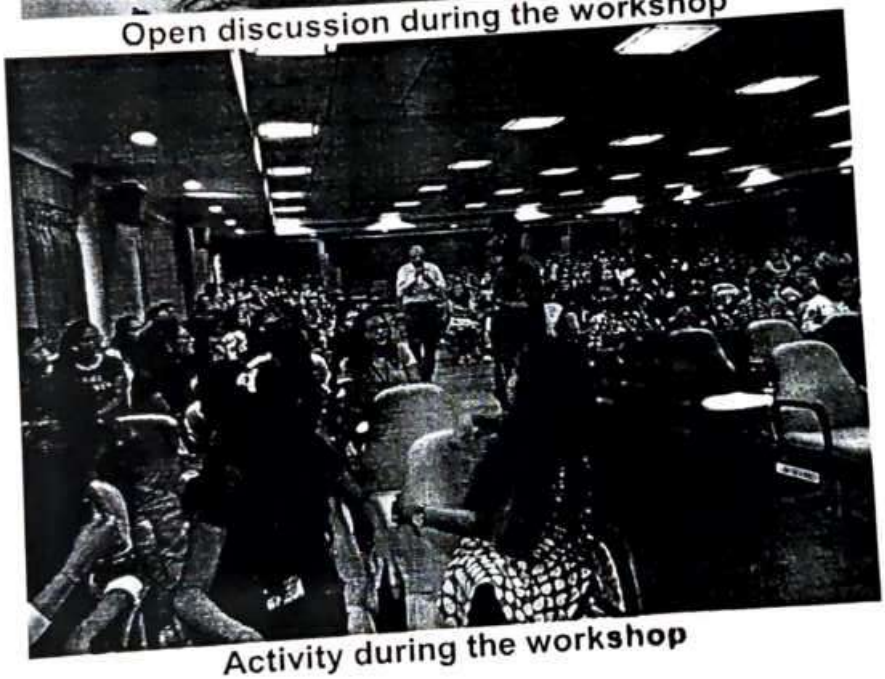
Felicitating the expert



Expert delivering the speech



Open discussion during the workshop



Activity during the workshop

Department /Institute Coordinator Sign: Vedati M. 13/10/18

P. J. Dabhi 13.10.2018

Head of Department/Institute Sign:

To
Chairperson
EOC
CHARUSAT, Changa

13/10/18

## M S PATEL DEPARTMENT OF CIVIL ENGINEERING

Chandubhai S Patel Institute of Technology

Charotar University of Science and Technology, Changa

### One Day Workshop under Equal Opportunity Cell (EOC)

### "Waste Management Rules and Innovations in Waste Management"

ATTENDANCE SHEET FOR PARTICIPANTS (STAFF MEMBERS)

October 03, 2018 @ RPCP Auditoriums

| Sr. No. | Name | Institute Name | Designation | Signature |
|---|---|---|---|---|
| 1 | Gaurav Kapse | CSPIT CIVIL | Assistant Professor | |
| 2 | Hemal Parekh | CSPIT CIVIL | Assistant Professor | |
| 3 | Arjay Shastri | CSPIT CIVIL | Chemical Engineer | |
| 4 | Jinit Patel | CSPIT CIVIL | Lab Assistant | |
| 5 | Ritesh Patel | CSPIT MECH. ENGG. | Lab Assistant | |
| 6 | Dr Seema Amin | PDPIAS | Assistant Professor | |
| 7 | Dr Janki Thakkar | PDPIAS | Assistant Professor | |
| 8 | Dr Artee Tyagi | CIPS | Assistant Professor | |
| 9 | Dr Dhara Patel | CIPS | Assistant Professor | |
| 10 | Ms. Jalpa Prajapati | MTIN | Nursing Tutor | |
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M S PATEL DEPARTMENT OF CIVIL ENGINEERING

Chandubhai S Patel Institute of Technology

Charotar University of Science and Technology, Changa

## One Day Workshop under Equal Opportunity Cell (EOC)

## "Waste Management Rules and Innovations in Waste Management"

ATTENDANCE SHEET FOR PARTICIPANTS (STUDENTS)

October 03, 2018 @ RPCP Auditoriums

| Sr. No. | ID No. | Name | Signature |
|---|---|---|---|
| 1 | 16ME024 | VIRAJSINH K GOHIL | |
| 2 | 15me111 | Ronak shiroya | |
| 3 | 16ME004 | Ujjwal S Batra | |
| 4 | 15ME001 | Sethumadhavan Sahadevan | |
| 5 | 15ME028 | Monark Ghori | |
| 6 | 15me040 | Vishal kanojiya | |
| 7 | D16ME140 | Panchal Abhishek Jaysukhbhai | |
| 8 | 16me058 | Nakrani Rajen | |
| 9 | 15CL027 | DENISH GHADIYA | |
| 10 | 16ce041 | Jayshil Bhavin Khajanchi | |
| 11 | 16me047 | Darshan Malaviyq | |
| 12 | 15CL067 | DHRUMIL PATEL | |
| 13 | D17ME166 | Umang Patel | |
| 14 | D17ME140 | Siddharth Sodha | |
| 15 | D17ME143 | Vrushank Sharma | |
| 16 | D17ME148 | Kiran parmar | |
| 17 | D17ME184 | Patdiya Hiten R | |
| 18 | 17EC054 | Patel Jay | |
| 19 | 18MSMLT012 | PATEL PRAPTIBEN HIRENKUMAR | |
| 20 | 18MSMLT011 | PATEL KAJAL NILES...HAI | |
| 21 | 18MSMLT010 | PATEL DRASHTIB... RIMALBHAI | |
| 22 | 18MSMLT006 | DHOLU DIPTI NARAN | |
| 23 | 18MSMLT007 | JHA SUCHITA BHOPAL | |
| 24 | 18MSMLT005 | CHAUDHARI POOJA LALIT | |
| 25 | 18MSMLT018 | TIWARI KM ANJANI ARUN | |
| 26 | 18MSMLT008 | KAPUPARA PURVA SURESHBHAI | |
| 27 | 18MSMLT003 | BERA JIGNASA HARI ...SHBHAI | |
| 28 | 18MSMLT013 | SANGHANI MITTA... N VINODBHAI | |
| 29 | 18MSMLT001 | ABHANGI SHWETAN... N JASHWANTBHAI | |
| 30 | 18MSMLT016 | SOLANKI AAKANSHA ...HARENDRASINH | |
| 31 | 18MSMLT015 | SHAH HETVI BHARAT...BHAI | |
| 32 | 18MSMLT019 | VERMA AMRITA AA...MARAM | |
| 33 | 18MSMLT004 | BHAVSAR MEGHAN... N PANKAJKUMAR | |
| 34 | 18MSMLT009 | KUMBHANI RUSH... N JENTIBHAI | |
| 35 | 18MSMLT014 | SAVALIYA HIRAL ...KBHAI | |
| 36 | 18MSMLT002 | AHIR KAJAL RAG...BHAI | |
| 37 | 18MSMLT017 | KARISHMA RAJES...MAR THAKKAR | |
| 38 | 17MSMLT004 | PATEL KRUPA PRA...LBHAI | |
| 39 | 17MSMLT009 | PATEL VRUTIBEN ...RESHBHAI | |
| 40 | 17MSMLT005 | PATEL NENSYBEN RAJESHKUMAR | |
| 41 | 17MSMLT003 | PATEL DIMPY PRIT...SHKUMAR | |
| 42 | 17MSMLT001 | BHAINE KUSHANI ...GIRISHBHAI | |

**M S PATEL DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

## One Day Workshop under Equal Opportunity Cell (EOC)

## "Waste Management Rules and Innovations in Waste Management"

**ATTENDANCE SHEET FOR PARTICIPANTS (STUDENTS)**

**October 03, 2018 @ RPCP Auditoriums**

| | | | |
|---|---|---|---|
| 43 | 17MSMLT008 | PATEL RAJ CHETANBHAI | |
| 44 | 17MSMLT007 | PATEL PURVANG CHIRAGBHAI | |
| 45 | 17MSMLT006 | PATEL PANKTI HITESHKUMAR | |
| 46 | 17MSMLT002 | GANDHI POOJA KETANKUMAR | |
| 47 | 17MSMLT010 | PATEL KESHABEN SATISHBHAI | |
| 48 | 18BSMT019 | SHAH HIMISA MILANKUMAR | |
| 49 | 18BSMT012 | PATEL RISHIL SHILPANBHAI | |
| 50 | 18BSMT014 | PATEL SHIVANI RAJENDRAKUMAR | |
| 51 | 18BSMT004 | PATEL CHANDNI HITESHKUMAR | |
| 52 | 18BSMT016 | PATEL VAIBHAVI MAHENDRAKUMAR | |
| 53 | 18BSMT008 | PATEL MAAHI AMITKUMAR | |
| 54 | 18BSMT011 | PATEL RIDDHI DINESHBHAI | |
| 55 | 18BSMT010 | PATEL PRINCYBEN RAJENDRAKUMAR | |
| 56 | 18BSMT021 | THANKI PANKITA BHAVINBHAI | |
| 57 | 18BSMT007 | PATEL KHUSHI SANJAYKUMAR | |
| 58 | 18BSMT015 | PATEL SHIVANIBEN PARESHKUMAR | |
| 59 | 18BSMT013 | PATEL RIYABEN PIYUSHBHAI | |
| 60 | 18BSMT002 | PAREKH PRACHI BHARATKUMAR | |
| 61 | 18BSMT017 | PATEL VEDANTIBEN PRAKASHBHAI | |
| 62 | 18BSMT006 | PATEL JAHANVI PRAKASHBHAI | |
| 63 | 18BSMT020 | THAKKAR MANSI VIJAYKUMAR | |
| 64 | 18BSMT005 | PATEL HELLY MANOJKUMAR | |
| 65 | 18BSMT018 | [illegible] VRAJ SANJAYBHAI | |
| 66 | 18BSMT001 | NAIK DHARA GAURANG | |
| 67 | 18BSMT009 | PATEL NANDNIBEN NITINKUMAR | |
| 68 | 18BSMT003 | PATEL AYUSHI AJAYBHAI | |
| 69 | 16BOTAT007 | PATEL RIYA MINESHKUMAR | |
| 70 | 16BOTAT010 | VOHRA SHIFABEN ARIFMOHAMMAD | |
| 71 | 16BOTAT004 | PATEL KEVALKUMAR VINUBHAI | |
| 72 | 16BOTAT003 | PATEL KARTIKKUMAR DILIPBHAI | |
| 73 | 16BOTAT009 | [illegible]DI MEET YOGESHKUMAR | |
| 74 | 16BOTAT001 | [illegible]ANDERI HELLY SHAILESHBHAI | |
| 75 | 16BOTAT008 | PATEL ZALAK BIPINBHAI | |
| 76 | 16BOTAT006 | PATEL RAHULKUMAR BHARATBHAI | |
| 77 | 16BOTAT005 | PATEL PRACHIBEN RAJESHBHAI | |
| 78 | 16BOTAT002 | [illegible] JAY BIPINBHAI | |
| 79 | 17BOP001 | [illegible]jana Madhukar | |
| 80 | 16BOP002 | [illegible] Patel | |
| 81 | 16BOP010 | [illegible]anna Patel | |
| 82 | 16BOP012 | [illegible]hi Patel | |
| 83 | 16OP016 | [illegible]sal Zala | |
| 84 | 17BOP002 | [illegible]ta Makwana | |
| 85 | 17BOP004 | [illegible]shruti Patel | |
| 86 | 17GNM001 | [illegible]OI HINALBEN ARAVINDBHAI | |

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| 87 | 17GNM002 | CHAUHAN JANVI ASHWINKUMAR | |
| 88 | 17GNM003 | DABHI STUTI MUKESHBHAI | |
| 89 | 17GNM004 | JANI KASHYAP SHAILENDRAKUMAR | |
| 90 | 17GNM005 | KA. PATEL PRACHIBEN GIRISHBHAI | |
| 91 | 17GNM006 | KALANI KRUPA BHARATBHAI | |
| 92 | 17GNM007 | KHARADI SACHINKUMAR SURESHBHAI | S. S. K |
| 93 | 17GNM008 | KRISHNABEN SANJAY OBERAI | |
| 94 | 17GNM009 | MACWAN EKTA CHANDRAKANT | Ekta |
| 95 | 17GNM010 | MACWAN PRAYERSON JAYANTIBAHI | |
| 96 | 17GNM011 | MAKWANA VAISHALI KIRANBHAI | |
| 97 | 17GNM012 | MARWADI RUSHIKA PRAFULLBHAI | Rushika |
| 98 | 17GNM013 | MASTER ABHISHEK ATULKUMAR | |
| 99 | 17GNM014 | NINAMA KINJALBEN KANUBHAI | |
| 100 | 17GNM015 | PANCHAL JIGARKUMAR RAJESHBHAI | |
| 101 | 17GNM016 | PARMAR JIGNESHKUMAR LALABHAI | |
| 102 | 17GNM017 | PARMAR NIKITABEN KANUBHAI | |
| 103 | 17GNM018 | PARMAR SANDHYABEN GULABBHAI | |
| 104 | 17GNM019 | PATEL ANJALIBEN AJITBHAI | |
| 105 | 17GNM020 | PATEL EKTABEN PIYUSHBHAI | |
| 106 | 17GNM021 | PATEL HEENABEN YOGESHKUMAR | |
| 107 | 17GNM022 | PATEL KUNJ VASANTBHAI | |
| 108 | 17GNM023 | PATEL MAITRIBEN PANKAJKUMAR | |
| 109 | 17GNM024 | PATEL NAIYABEN RAJESHBHAI | |
| 110 | 17GNM025 | PATEL SHRUTIBEN KAMLESHBHAI | |
| 111 | 17GNM026 | PRAJAPATI DHARTIBEN PRAVINBHAI | |
| 112 | 17GNM027 | PRAJAPATI DHRUVKUMAR VINODBHAI | |
| 113 | 17GNM028 | PRAJAPATI NISHA INDRAVADANBHAI | |
| 114 | 17GNM029 | RAVAL MAYURKUMAR ASHOKBHAI | Mayur |
| 115 | 17GNM030 | ROHIT POOJABEN GHANSHYAMBHAI | |
| 116 | 17GNM031 | SOLANKI SHILPABEN GORDHANBHAI | |
| 117 | 17GNM032 | THAKOR PRAVINABEN NARSINHBHAI | |
| 118 | 17GNM033 | THAKOR VISHANTKUMAR MANHARBHAI | V.M.T |
| 119 | 17GNM034 | VEDACHIYA NIKHILKUMAR ARVINDBHAI | |
| 120 | 16GNM001 | ASARI RAVI ARJUNBHAI | Ravi A. Asari |
| 121 | 16GNM002 | BHABHOR SUREKHSBEN DITABEN | |
| 122 | 16GNM003 | CHAUHAN LIZA WOLENCEBHAI | |
| 123 | 16GNM004 | CHAUHAN NAYNABEN LALABHAI | N.L. Chauhan |
| 124 | 16GNM005 | CHRISTI ANTHONY ARNOLD | |
| 125 | 16GNM006 | GAMIT KALPNA KISHANBHAI | |
| 126 | 16GNM007 | KHRISTI RENISHKUMAR SHASHIKANT | |

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|---|---|---|---|
| 127 | 16GNM008 | MISTRY JAHANVI MUKESHBHAI | |
| 128 | 16GNM009 | PARMAR AKANKSHA PIYUSHBHAI | |
| 129 | 16GNM011 | PARMAR BHUMIKABEN KANJIBHAI | |
| 130 | 16GNM012 | PARMAR KAJALBEN JAYANTIBHAI | |
| 131 | 16GNM013 | PARMAR ROZAR RAJESHBHAI | |
| 132 | 16GNM014 | PARMAR SWATI KIRITBHAI | |
| 133 | 16GNM015 | PATEL ANJALI KAMLESHBHAI | |
| 134 | 16GNM016 | PATEL CHAND ANILBHAI | |
| 135 | 16GNM017 | PATEL HARSH RAMJIBHAI | |
| 136 | 16GNM018 | PATEL NANCYBEN CHETANBHAI | |
| 137 | 16GNM019 | PRAJAPATI KOMAL BHARATBHAI | |
| 138 | 16GNM020 | SOLANKI DHARATI ANILBHAI | |
| 139 | 16GNM021 | SOLANKI SMITHROZE NAVINCHANDRA | |
| 140 | 16GNM022 | THAKOR RAJUBHAI DILIPKUMAR | |
| 141 | 16GNM023 | VAGHELA MANSI MAHENDRABHAI | |
| 142 | 16GNM024 | VAGHELA RENUKABEN PRAVINBHAI | |
| 143 | 16GNM025 | VYAS PRIYABEN SANJAYBHAI | |
| 144 | 16GNM026 | ZALA TANNUBEN MANOJKUMAR | |
| 145 | 17BT002 | Pranank Battmini | |
| 146 | 17MI002 | Arti Baldania | |
| 147 | 17MI006 | Kelvi Dalsania | |
| 148 | 17BT039 | Sharma Divanshi | |
| 149 | 17BT038 | Patel Vandan | |
| 150 | 17BT026 | Patel Kashyapkumar Maheshbhai | |
| 151 | 17MI003 | Baldania Mahesh | |
| 152 | 17MI013 | Mandaliya Ruby | |
| 153 | 17MI038 | Ramani Chirag | |
| 154 | 17MI037 | Rajani Arun | |
| 155 | 17MI007 | Dave purva | |
| 156 | 17BT046 | Swati Hetal | |
| 157 | 17BT45 | Mangaliya Aresca | |
| 158 | 17BT46 | Swati J vegda | |
| 159 | 17BOP002 | Makwana Nita | |
| 160 | 17BOP004 | | |
| 161 | 17CL086 | Ashish Sojitra | |
| 162 | 17CL095 | Dhruv Tummar | |
| 163 | 17CL076 | Abhishek Shah | |
| 164 | 17CL078 | Tanvi shah | |
| 165 | 17CL058 | Prachi Patel | |
| 166 | 17CL083 | Jana Sheikh | |
| 167 | 17CL079 | Mayank shah | |
| 168 | 17CL094 | Yash Thakkar | |
| 169 | 17CL096 | Aditya Tripathi | |

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October 03, 2018 @ RPCP Auditoriums

| | | | |
|---|---|---|---|
| 170 | 17CL092 | Chintan Suthar | |
| 171 | 17CL091 | [illegible] | |
| 172 | 17CL090 | Soni Dhir | |
| 173 | 17CL093 | Tushar Bhavsar | |
| 174 | 17CL082 | Tirth Shah | |
| 175 | 17CL081 | Om Shah | |
| 176 | 17CL089 | PRATAP SOLANKI | |
| 177 | 19GNM073 | Patel Anjali | |
| 178 | 17GNM070 | Patel Ekta | |
| 179 | 17GNM003 | Dhobi Sejal | |
| 180 | 17GNM002 | Chauhan Jan. Ashaben | |
| 181 | 17GNM005 | Prajapati Dhaval P | |
| 182 | 17GNM034 | Vadachhiya Nilchil | |
| 183 | 16GNM012 | parmar Kajal J. | |
| 184 | 16GNM026 | Zala Tulsi M. | |
| 185 | 16GNM014 | Parmar Swati K | |
| 186 | 17GNM018 | parmar Sandhya h. | |
| 187 | 17GNM031 | Solanki Shilpa. G | |
| 188 | 17GNM032 | Thakor praviner. N | |
| 189 | 17GNM008 | Oberai Krishna S. | |
| 190 | 17GNM022 | Patel Kunj. V | |
| 191 | 17GNM004 | Jani Kashyap | |
| 192 | 17GNM013 | Master Abhishek A. | |
| 193 | 17GNM029 | macwan Parveen J. | |
| 194 | 16GNM027 | Parmar Nikita. R. | |
| 195 | 16GNM028 | Prajapati Nisha J. | |
| 196 | 17GNM001 | Bhoi Hinal A. | |
| 197 | 17GNM005 | Ba Patel Payachi A. | |
| 198 | 16GNM025 | Patel Shruti P | |
| 199 | 16GNM011 | Makwana Vaishali K. | |
| 200 | 17GNM014 | Kirpal K. Nikemal | |
| 201 | 17GNM030 | Rohit Pooja C. | |
| 202 | 16GNM012 | Marwadi Rushika P | |
| 203 | 16GNM021 | Patel Heena Y | |
| 204 | 16GNM009 | Macwan Ekta C | |
| 205 | 17MI018 | Akshit Patel | |
| 206 | 17MI033 | Vaideki Patel | |
| 207 | 17MI005 | Chavda Ashwini | |
| 208 | 16MI24 | Patel Kajal | |
| 209 | 17MI028 | Patel Nisha | |
| 210 | 17MI036 | Parmar Payal | |
| 211 | 17MI045 | Zinal Vaiya | |
| 212 | 17MI019 | Patel Bhavi | |
| 213 | 17MI035 | Ami Prajapati | |

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| | | | |
|---|---|---|---|
| 214 | 17BT042 | Shivani Soni | Shivani |
| 215 | 17MI044 | Verma Akash | Akash |
| 216 | 17MI046 | Vashi Mosmi | Mosmi |
| 217 | 17MI049 | Vyas Zalak | Zalak |
| 218 | 17MI039 | Raval Aesha | Raval |
| 219 | 17MI030 | Patel Rushika | Rushika |
| 220 | 17BT023 | Patel Dhwani S. | DSP |
| 221 | 17MI009 | Donda Purvisha B. | Donda |
| 222 | 17MI017 | Parekh Unnati R. | |
| 223 | 17MI015 | Panchal Sohangi M. | Sohangi |
| 224 | 17MI042 | Shukla Devangi R. | D P Shukla |
| 225 | 17MI010 | Gohel Krupa P. | Krupa |
| 226 | 17MI025 | Patel Krishna D. | Krishna |
| 227 | 17MI001 | Agharra Hiral N. | Agharra |
| 228 | 17MI048 | Vispute Divyani R. | Divyani |
| 229 | 17MI008 | Dhummad Vaibhavi P. | Vaibhavi |
| 230 | 17MI032 | Patel Urja R. | U.R. Patel |
| 231 | 17MI040 | Aafrin F. Shaikh | Aafrin |
| 232 | 17MI014 | Mistry Krutu J. | Krutu |
| 233 | 17BT028 | Kinjal D. Patel | Kinjal |
| 234 | 17BT011 | Riddhi M. Joshi | Riddhi |
| 235 | 17BT047 | Aesha S. Patel | A Patel |
| 236 | 17BT030 | Pari J. Patel | P. J. Patel |
| 237 | 17MI034 | Patel Vrushika A. | Vrushika |
| 238 | 17MI043 | Sinde Hareli P. | Priyanka |
| 239 | 17MI029 | Priyanka A. Patel | Jeshka |
| 240 | 17MI041 | Ashka J. Sheth | Bariya |
| 241 | 17MI004 | Bariya Dimpal R. | Kamini |
| 242 | 17BT006 | Charan Samiksha | Aheniya |
| 243 | 17BT001 | Jinal Badrakia | K.M. Patel |
| 244 | 17BT021 | Arpita Parmar | Himani |
| 245 | 17BT027 | Kinjal Patel | Ransara |
| 246 | 17BT016 | Himani Kumawat | |
| 247 | 17BT014 | Priyanka Kansara | |
| 248 | 17BT009 | Asma Dasani | |
| 249 | | | |
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### ATTENDANCE SHEET FOR PARTICIPANTS (STAFF MEMBERS)

October 03, 2018 @ RPCP Auditoriums

| Sr. No. | Name | Institute Name | Designation | Signature |
|---|---|---|---|---|
| 1 | Gaurav Kapse | CSPIT CIVIL | Assistant Professor | |
| 2 | Hemal Parekh | CSPIT CIVIL | Assistant Professor | |
| 3 | Arjav Shastri | CSPIT CIVIL | Chemical Engineer | |
| 4 | Jinit Patel | CSPIT CIVIL | Lab Assistant | |
| 5 | Ritesh Patel | CSPIT MECH. ENGG. | Lab Assistant | AB |
| 6 | Dr Seema Amin | PDPIAS | Assistant Professor | AB |
| 7 | [illegible] | PDPIAS | Assistant Professor | 3/10/18 |
| 8 | [illegible] | [illegible] | Assistant Professor | |
| 9 | Dr Dhara Patel | CIPS | Assistant Professor | |
| 10 | Ms. Jalpa Prajapati | MTIN | Nursing Tutor | |
| 11 | Jardeep Bhoi | Civil | Lab-Tech | |
| 12 | Vivek Patel | | Lab Tech | |
| 13 | Prakash Dabhi | Civil | Ass. Prof | P. J. Dabhi |
| 14 | | | | |
| 15 | | | | |
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M S PATEL DEPARTMENT OF CIVIL ENGINEERING

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October 03, 2018 @ RPCP Auditoriums

| Sr. No. | ID No. | Name | Signature |
|---|---|---|---|
| 1 | 16ME024 | VIRAJSINH K GOHIL | |
| 2 | 15me111 | Ronak shiroya | |
| 3 | 16ME004 | Ujjwal S Batra | |
| 4 | 15ME001 | Sethumadhavan Sahadevan | |
| 5 | 15ME028 | Monark Ghori | MONARK |
| 6 | 15me040 | Vishal kanojiya | |
| 7 | D16ME140 | Panchal Abhishek Jaysukhbhai | |
| 8 | 16me058 | Nakrani Rajen | |
| 9 | 15CL027 | DENISH GHADIYA | |
| 10 | 16ce041 | Jayshil Bhavin Khajanchi | |
| 11 | 16me047 | Darshan Malaviyq | |
| 12 | 15CL067 | DHRUMIL PATEL | |
| 13 | D17ME166 | Umang Patel | |
| 14 | D17ME140 | Siddharth Sodha | |
| 15 | D17ME143 | Vrushank Sharma | |
| 16 | D17ME148 | Kiran parmar | |
| 17 | D17ME184 | Patdiya Hiten R | |
| 18 | 17EC054 | Patel Jay | |
| 19 | 18MSMLT012 | PATEL PRAPTIBEN HIRENKUMAR | |
| 20 | 18MSMLT011 | PATEL KAJAL NILESHBHAI | |
| 21 | 18MSMLT010 | PATEL DRASHTIBEN PARIMALBHAI | |
| 22 | 18MSMLT006 | DHOLU DIPTI NARAN | |
| 23 | 18MSMLT007 | JHA SUCHITA BHOPAL | |
| 24 | 18MSMLT005 | CHAUDHARI POOJA LALIT | |
| 25 | 18MSMLT018 | TIWARI KM ANJANI ARUN | |
| 26 | 18MSMLT008 | KAPUPARA PURVA SURESHBHAI | |
| 27 | 18MSMLT003 | BERA JIGNASA HARESHBHAI | |
| 28 | 18MSMLT013 | SANGHANI MITTALBEN VINODBHAI | |
| 29 | 18MSMLT001 | ABHANGI SHWETABEN JASHWANTBHAI | |
| 30 | 18MSMLT016 | SOLANKI AAKANSHA HARENDRASINH | |
| 31 | 18MSMLT015 | SHAH HETVI BHARATBHAI | |
| 32 | 18MSMLT019 | VERMA AMRITA AATMARAM | |
| 33 | 18MSMLT004 | BHAVSAR MEGHABEN PANKAJKUMAR | |
| 34 | 18MSMLT009 | KUMBHANI RUSHITABEN JENTIBHAI | |
| 35 | 18MSMLT014 | SAVALIYA HIRAL ASHOKBHAI | |
| 36 | 18MSMLT002 | AHIR KAJAL RAGHAVBHAI | |
| 37 | 18MSMLT017 | KARISHMA RAJESHKUMAR THAKKAR | |
| 38 | 17MSMLT004 | PATEL KRUPA PRAFULLBHAI | |
| 39 | 17MSMLT009 | PATEL VRUTIBEN PARESHBHAI | |
| 40 | 17MSMLT005 | PATEL NENSYBEN RAJESHKUMAR | |
| 41 | 17MSMLT003 | PATEL DIMPY PRITESHKUMAR | |
| 42 | 17MSMLT001 | BHAINE KUSHANI GIRISHBHAI | |

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| 92 | 17GNM007 | KHARADI SACHINKUMAR SURESHBHAI | S.S.K. |
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| 96 | 17GNM011 | MAKWANA VAISHALI KIRANBHAI | |
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| 98 | 17GNM013 | MASTER ABHISHEK ATULKUMAR | |
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| 102 | 17GNM017 | PARMAR NIKITABEN KANUBHAI | |
| 103 | 17GNM018 | PARMAR SANDHYABEN GULABBHAI | Sandhya |
| 104 | 17GNM019 | PATEL ANJALIBEN AJITBHAI | |
| 105 | 17GNM020 | PATEL EKTABEN PIYUSHBHAI | |
| 106 | 17GNM021 | PATEL HEENABEN YOGESHKUMAR | |
| 107 | 17GNM022 | PATEL KUNJ VASANTBHAI | |
| 108 | 17GNM023 | PATEL MAITRIBEN PANKAJKUMAR | |
| 109 | 17GNM024 | PATEL NAIYABEN RAJESHBHAI | |
| 110 | 17GNM025 | PATEL SHRUTIBEN KAMLESHBHAI | Shruti |
| 111 | 17GNM026 | PRAJAPATI DHARTIBEN PRAVINBHAI | Dharti |
| 112 | 17GNM027 | PRAJAPATI DHRUVKUMAR VINODBHAI | |
| 113 | 17GNM028 | PRAJAPATI NISHA INDRAVADANBHAI | Nisha |
| 114 | 17GNM029 | RAVAL MAYURKUMAR ASHOKBHAI | |
| 115 | 17GNM030 | ROHIT POOJABEN GHANSHYAMBHAI | |
| 116 | 17GNM031 | SOLANKI SHILPABEN GORDHANBHAI | Shilpa |
| 117 | 17GNM032 | THAKOR PRAVINABEN NARSINHBHAI | Pavinaben |
| 118 | 17GNM033 | THAKOR VISHANTKUMAR MANUBHAI | V.M.T |
| 119 | 17GNM034 | VEDACHIYA NIKHILKUMAR ARVINDBHAI | |
| 120 | 16GNM001 | ASARI RAVI ARJUNBHAI | |
| 121 | 16GNM002 | BHABHOR SUREKHSBEN DITARAM | |
| 122 | 16GNM003 | CHAUHAN LIZA WOLENCEBHAI | |
| 123 | 16GNM004 | CHAUHAN NAYNABEN LALABHAI | N.L.Chauhan |
| 124 | 16GNM005 | CHRISTIANTHONY ARNOLD | Anthony |
| 125 | 16GNM006 | GAMIT KALPNA KISHANBHAI | |
| 126 | 16GNM007 | KHRISTI RENISHKUMAR SHASHIKANT | |

Spelling correction

Tieanthony

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| 128 | 16GNM009 | PARMAR AKANKSHA PIYUSHBHAI | - |
| 129 | 16GNM011 | PARMAR BHUMIKABEN KANJIBHAI | - |
| 130 | 16GNM012 | PARMAR KAJALBEN JAYANTIBHAI | - |
| 131 | 16GNM013 | PARMAR ROZAR RAJESHBHAI | - |
| 132 | 16GNM014 | PARMAR SWATI KIRITBHAI | - |
| 133 | 16GNM015 | PATEL ANJALI KAMLESHBHAI | - |
| 134 | 16GNM016 | PATEL CHAND ANILBHAI | - |
| 135 | 16GNM017 | PATEL HARSH RAMJIBHAI | - |
| 136 | 16GNM018 | PATEL NANCYBEN CHETANBHAI | - |
| 137 | 16GNM019 | PRAJAPATI KOMAL BHARATBHAI | - |
| 138 | 16GNM020 | SOLANKI DHARATI ANILBHAI | - |
| 139 | 16GNM021 | SOLANKI SMITHROZE NAVINCHANDRA | - |
| 140 | 16GNM022 | THAKOR RAJUBHAI DILIPKUMAR | - |
| 141 | 16GNM023 | VAGHELA MANSI MAHENDRABHAI | - |
| 142 | 16GNM024 | VAGHELA RENUKABEN PRAVINBHAI | - |
| 143 | 16GNM025 | VYAS PRIYABEN SANJAYBHAI | - |
| 144 | 16GNM026 | ZALA TANNUBEN MANOJKUMAR | - |
| 145 | 17BT039 | Divanshi Sharma | - |
| 146 | 17BT002 | Pranank Battini | - |
| 147 | 17BT028 | Kinjal Patel | - |
| 148 | 17BT030 | Pari Patel | - |
| 149 | 17BT046 | Apexa Mangrolia | - |
| 150 | 17BT019 | Vishal Mahendra Mavadiya | - |
| 151 | 17BT047 | Alsha. S. Patel | - |
| 152 | 17BT006 | Charan Samini O | - |
| 153 | 17BT011 | Joshi Riddhi M | - |
| 154 | 17BT001 | Jinal Badgujia | - |
| 155 | 17BT021 | Aarpita Parmar | - |
| 156 | 17BT027 | Kinjal M. Patel | - |
| 157 | 17BT014 | Priyanka Kansara | - |
| 158 | 17BT016 | Himani Kumawat | - |
| 159 | 17MI039 | Raval Ashesh P. | - |
| 160 | 17MI046 | Vashi Mosmi K | - |
| 161 | 17MI049 | Vyas Zalak D | - |
| 162 | 17MI001 | Adhvaryu Hiral M | - |
| 163 | 17MI003 | Dharmvaal Vaibhavi P. | - |
| 164 | 17MI032 | Patel Urja R. | - |
| 165 | 17MI041 | Vispute Divyani R. | - |
| 166 | 17MI031 | Patel Vinitka A | - |
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M S PATEL DEPARTMENT OF CIVIL ENGINEERING

Chandubhai S Patel Institute of Technology

Charotar University of Science and Technology, Changa

## One Day Workshop under Equal Opportunity Cell (EOC)

## "Waste Management Rules and Innovations in Waste Management"

ATTENDANCE SHEET FOR PARTICIPANTS (STUDENTS)

October 03, 2018 @ RPCP Auditoriums

| | | | | |
|---|---|---|---|---|
| 214 | 17MI025 | Patel Krishnel | - | |
| 215 | 17MI002 | Baldania Arti N. | - | |
| 216 | 17MI007 | Dava Purna | - | |
| 217 | 17MI006 | Dalsania Kelvi | - | |
| 218 | 17MI031 | Patel Tarjani | - | |
| 219 | 17MI012 | Hasi Mangukiya | - | |
| 220 | 17MI016 | Sakshi Pansuriya | - | |
| 221 | 17MI020 | Dhruvi Patel | - | |
| 222 | 17MI048 | Jigisha Mavadiya | - | |
| 223 | 17MI036 | Payal Panwar | - | |
| 224 | 17MI035 | Anji Prajapati | - | |
| 225 | 17MI045 | Zinal Varsha | - | |
| 226 | 17BT042 | Shivani Soni | - | |
| 227 | 17BT009 | Asha Dasani | - | |
| 228 | 17BT015 | Payal Kothari | - | |
| 229 | 17MI004 | Bariya Dimpal | - | |
| 230 | 17MI043 | Sinde Hardi | - | |
| 231 | 17MI029 | Patel Priyanka | - | |
| 232 | 17MI041 | Sheth Ashka | - | |
| 233 | 17MI030 | Patel Rushika | - | R.P. Patel |
| 234 | 17MI009 | Donda Purvisha | - | |
| 235 | 17BT023 | Patel Dhyani | - | |
| 236 | 17MI015 | Panchal Sahangi | - | |
| 237 | 17MI010 | Chohel Krupa | - | |
| 238 | 17MI042 | Shukla Devangi | - | D.R. Shukla |
| 239 | 17MSML0001 | Kushani Bhojne | - | |
| 240 | 17MI040 | Shaikh Aafrin | - | |
| 241 | 17MI014 | Mistry Kruti | - | |
| 242 | 17MI011 | Lakhani Hemali | - | |
| 243 | | | | |
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**M S PATEL DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

## One Day Workshop under Equal Opportunity Cell (EOC)

## "Waste Management Rules and Innovations in Waste Management"

**ATTENDANCE SHEET FOR PARTICIPANTS (STUDENTS)**

**October 03, 2018 @ RPCP Auditoriums**

| | | | |
|---|---|---|---|
| 43 | 17MSMLT008 | PATEL RAJ CHETANBHAI | |
| 44 | 17MSMLT007 | PATEL PURVANG CHIRAGBHAI | |
| 45 | 17MSMLT006 | PATEL PANKTI HITESHKUMAR | |
| 46 | 17MSMLT002 | GANDHI POOJA KETANKUMAR | |
| 47 | 17MSMLT010 | PATEL KESHABEN SATISHBHAI | |
| 48 | 18BSMT019 | SHAH HIMISA MILANKUMAR | |
| 49 | 18BSMT012 | PATEL RISHIL SHILPANBHAI | |
| 50 | 18BSMT014 | PATEL SHIVANI RAJENDRAKUMAR | |
| 51 | 18BSMT004 | PATEL CHANDNI HITESHKUMAR | |
| 52 | 18BSMT016 | PATEL VAIBHAVI MAHENDRAKUMAR | |
| 53 | 18BSMT008 | PATEL MAAHI AMITKUMAR | |
| 54 | 18BSMT011 | PATEL RIDDHI DINESHBHAI | |
| 55 | 18BSMT010 | PATEL PRINCYBEN RAJENDRAKUMAR | |
| 56 | 18BSMT021 | THANKI PANKITA BHAVINBHAI | |
| 57 | 18BSMT007 | PATEL KHUSHI SANJAYKUMAR | |
| 58 | 18BSMT015 | PATEL SHIVANIBEN PARESHKUMAR | |
| 59 | 18BSMT013 | PATEL RIYABEN PIYUSHBHAI | |
| 60 | 18BSMT002 | PAREKH PRACHI BHARATKUMAR | |
| 61 | 18BSMT017 | PATEL VEDANTIBEN PRAKASHBHAI | |
| 62 | 18BSMT006 | PATEL JAHANVI PRAKASHBHAI | |
| 63 | 18BSMT020 | THAKKAR MANSI VIJAYKUMAR | |
| 64 | 18BSMT005 | PATEL HELLY MANOJKUMAR | |
| 65 | 18BSMT018 | PATEL VRAJ SANJAYBHAI | |
| 66 | 18BSMT001 | NAIK DHARA GAURANG | |
| 67 | 18BSMT009 | PATEL NANDNIBEN NITINKUMAR | |
| 68 | 18BSMT003 | PATEL AYUSHI AJAYBHAI | |
| 69 | 16BOTAT007 | PATEL RIYA MINESHKUMAR | |
| 70 | 16BOTAT010 | VOHRA SHIFABEN ARIFMOHAMMAD | |
| 71 | 16BOTAT004 | PATEL KEVALKUMAR VINUBHAI | |
| 72 | 16BOTAT003 | PATEL KARTIKKUMAR DILIPBHAI | |
| 73 | 16BOTAT009 | TRIVEDI MEET YOGESHKUMAR | |
| 74 | 16BOTAT001 | BHANDERI HELLY SHAILESHBHAI | |
| 75 | 16BOTAT008 | PATEL ZALAK BIPINBHAI | |
| 76 | 16BOTAT006 | PATEL RAHULKUMAR BHARATBHAI | |
| 77 | 16BOTAT005 | PATEL PRACHIBEN RAJESHBHAI | |
| 78 | 16BOTAT002 | PATEL JAY BIPINBHAI | |
| 79 | 17BOP001 | Prarthana Madhukar | |
| 80 | 16BOP002 | Aesha Patel | |
| 81 | 16BOP010 | Krishna Patel | |
| 82 | 16BOP012 | Ruchi Patel | |
| 83 | 16OP016 | Visal Zala | |
| 84 | 17BOP002 | Nita Makwana | |
| 85 | 17BOP004 | Vishruti Patel | |
| 86 | 17GNM001 | BHOI HINALBEN ARAVINDBHAI | |

M S PATEL DEPARTMENT OF CIVIL ENGINEERING

Chandubhai S Patel Institute of Technology

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# One Day Workshop under Equal Opportunity Cell (EOC)

## "Waste Management Rules and Innovations in Waste Management"

### ATTENDANCE SHEET FOR PARTICIPANTS (STUDENTS)

October 03, 2018 @ RPCP Auditoriums

| | | | |
|---|---|---|---|
| 170 | 16BOTAT005 | Patel. Pruachi. R | Patel |
| 171 | 17BT019 | Morvadiya Vishal | Vishal |
| 172 | 17BT026 | Kashyap Patel | K.M. Patel |
| 173 | 17BT038 | Vandan Patel | V.S. Patel |
| 174 | 17BT017 | Tanzil Manjuri | Tanzil |
| 175 | 17BT018 | Vrunda Mistry | Vrunda |
| 176 | 17BT010 | Minal Joshi | Minal |
| 177 | 17BT012 | Zaynab Kagdi | Zaynab |
| 178 | 17BT013 | Ishva Kansara | Ishva |
| 179 | 17BT044 | Hetal Surti | Hetal |
| 180 | 17MI019 | Bharvi Patel | Bharvi |
| 181 | 17MI026 | Krupali Patel | Patel |
| 182 | 17MI033 | Vaidehi Patel | Vaidehi |
| 183 | 17MI013 | Ruby Mandiya | Ruby |
| 184 | 17MI037 | Aruni Rajani | Aruni |
| 185 | 17MI017 | Urvati Parekh | Urvati |
| 186 | 17BT031 | Paritu Patel | Paritu |
| 187 | 17MI024 | Kajal Patel | Kajal |
| 188 | 17MI005 | Ashwini Chavan | Ashwini |
| 189 | 17MI028 | Nidhi Patel | Nidhi |
| 190 | 17MI003 | Mahesh Bardevia | B.M.J |
| 191 | 17MI038 | Rameni chirag. | Rameni. C.P |
| 192 | 17MI044 | Verma rakesh | Akashya |
| 193 | 17MI018 | patel Akshit | Akshit |
| 194 | 16CSM007 | Bhoi Hinal A. | H.A. Bhoi |
| 195 | 17CL038 | Raghadal Rutvik M | R.M. |
| 196 | 17CL041 | Dhruv. S. Patel. | Dhruv |
| 197 | 17CL029 | Kush Kumbhani | Kush |
| 198 | 17CL030 | Dharmit Lekhani | Dharmit |
| 199 | 17CL041 | Pandya Devanshu | Devanshu |
| 200 | 17CL070 | Rajput surajsinh. | Rajput |
| 201 | 17CL032 | Morvaniya Jagat | Jagat |
| 202 | | | |
| 203 | | | |
| 204 | | | |
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# M. S. Patel Department of Civil Engineering

**Chandubhai S. Patel Institute of Technology**
**Charotar University of Science and Technology, Changa**

## Endowment Chair Activity

31st July to 4th August, 2018



**By**

## Dr. Auroop Ganguly

**Professor, Dept. of Civil & Environmental Engineering**
**Director, Sustainability and Data Sciences Laboratory**
**Northeastern University, Boston, USA**

### Event Details (Open to All)

| | |
|---|---|
| 1st August, 2018<br>09.30 am to 11.00 am | Physics-Aware Artificial Intelligence in the Sciences and Engineering: A Fundamental Research Agenda with Societal Impacts |
| 1st August, 2018<br>02.30 pm to 04.00 pm | The University of the Future: Balancing Knowledge Creation with Knowledge Dissemination in the World of AI, Citizen Science, and MOOC |
| 2nd August, 2018<br>10.30 am to 12.00 pm | Critical Infrastructures under Climate and Cyber Threats: A Call for Action to Civil and Environmental Engineers |
| 2nd August, 2018<br>01.30 pm to 03.00 pm | Social Entrepreneurship for Future Civil Engineers: Critical Infrastructures, Key Resources, and Social Justice |
| 3rd August, 2018<br>12.10 pm to 02.00 pm | Next-Generation Civil Engineers as Interdisciplinary Pioneers: Making Money, Saving Lives, and Having Fun |

***Venue: PDPIAS Auditorium, CHARUSAT***

*For more details about the events please visit our website:* **www.cspitcivil.com**

**M. S. Patel Department of Civil Engineering**
**Chandubhai S. Patel Institute of Technology**
**Charotar University of Science & Technology**

## Endowment Chair Activity

**Detailed schedule for the visit of Dr. Auroop Ganguly under Endowment Chair Activity in Civil Engineering department during 31st July to 4th August, 2018**

| Date | Time | Venue | Details of Session | Topic of Discussion |
|---|---|---|---|---|
| 31/07/2018 One Day Workshop on **"Toward a Climate Resilient India"** | 10:00 am to 11:00am | PDPIAS Auditorium | Inaugural Function | **---** |
| | 11:00 am to 12:30 pm | PDPIAS Auditorium | **Session-I** (Audience will be Teaching Staff & UG and PG students of Civil, Environmental Engineering from different institutions, Strength 80-100 persons) | **The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India** |
| | 12:30 pm to 1:30 pm | PDPIAS Square | Lunch Break | --- |
| | 1:30 pm to 3:00 pm | PDPIAS Auditorium | **Session-II** (Audience will be Teaching Staff & UG and PG students of Civil, Environmental Engineering from different institutions, Strength 80-100 persons) | **Adopting the United Nation's IPCC Climate Risk Framework to Emerging Economies with a Focus on India** |
| | 3:00 pm to 4:00 pm | PDPIAS Auditorium | Valedictory Function | --- |
| 01/08/2018 | 09:30 am to 11:00 am | PDPIAS Auditorium | **Session-I** Expert Session for University Staff & Students (Open to All) Audience will be Teaching Staff & UG and PG students of Engineering, Pharmacy, Science, Computer Applications etc. | **Physics-Aware Artificial Intelligence in the Sciences and Engineering: A Fundamental Research Agenda with Societal Impacts** |
| | 1:30 pm to 2:30 pm | Admin Building | Meeting with Provost & Registrar | --- |
| | 02:30 pm to 04:00 pm | -- | **Session-II** Expert Session for University Staff & Students (Open to All) Audience will be Teaching Staff & UG and PG students of Engineering, Pharmacy, Science, Computer Applications etc. | **The University of the Future: Balancing Knowledge Creation with Knowledge Dissemination in the World of AI, Citizen Science, and MOOC** |

| | | | | |
|---|---|---|---|---|
| 02/08/2018 | 09:10 am to 10:10 am | -- | Campus Visit | --- |
| | 10:30 am to 12:00 pm | PDPIAS Auditorium | **Session-I**<br>Interaction/Expert Session for TY, Final Year B. Tech Civil Engineering Students | **Critical Infrastructures under Climate and Cyber Threats: A Call for Action to Civil and Environmental Engineers** |
| | 1:30 pm to 03:00 pm | PDPIAS Auditorium | **Session-II**<br>Interaction/Expert Session for Second, Third Year B. Tech Civil Engineering Students | **Social Entrepreneurship for Future Civil Engineers: Critical Infrastructures, Key Resources, and Social Justice** |
| 03/08/2018 | 09:30 am to 11:10 am | Charusat Space Research & Technology Center (CSRTC) | Visit to CSRTC, KRADLE & Other Labs | --- |
| | 12:10 pm to 2:00 pm | PDPIAS Auditorium | **Session-I**<br>Interaction/Expert Session for M. Tech and B. Tech Civil Engineering Students | **Next-Generation Civil Engineers as Interdisciplinary Pioneers: Making Money, Saving Lives, and Having Fun** |
| | 02:20 pm to 04:20 pm | Environmental Engineering Lab | **Session-II**<br>Interaction and Discussion with Civil Engineering Students and Staff | **General Interaction** |
| 04/08/2018 | 09:10 am to 10:10 am | Civil Dept. (Square) | Interaction with Civil Engineering Staff & Students & Farewell | **---** |

# A Report

# of

# “Endowment Chair Activity”

Convener: Dr. V. R. Panchal

Coordinator:

Dr. Hiteshri Shastri and Mr. Gaurav Kapse

During

**July 31 – August 04, 2018**







Organized by

M.S. Patel Department of Civil Engineering
Chandubhai S Patel Institute of Technology
Charotar University of Science and Technology
CHARUSAT Campus-Changa

M. S. Patel Department of Civil Engineering of C. S. Patel Institute of Technology, CHARUSAT, Changa is organizing its Endowment Chair Activity from 31st July to 4th August 2018. The department will be hosting Dr. Auroop Ganguly, Professor at Department of Civil & Environmental Engineering at Northeastern University, Boston, USA and Director of Sustainability and Data Sciences Laboratory (SDS Lab) at Northeastern University. Dr. Ganguly works at the intersection of three broad areas namely Climate Extremes and Water Sustainability, Infrastructural Resilience and Homeland Security, and Artificial Intelligence and Nonlinear Dynamics. He has obtained a Ph.D. from Massachusetts Institute of Technology, USA.

## Biographic Sketch of Dr. Auroop Ganguly:

Auroop R. Ganguly is a hydrologist and a civil engineer, and currently a Professor of Civil and Environmental Engineering (CEE) at Northeastern University (NU) in Boston, MA, USA, where he is the Director of the Sustainability and Data Sciences Laboratory (SDS Lab). He is also Professor by courtesy of multiple NU departments and colleges, specifically, Computer and Information Science, Marine and Environmental Sciences, Political Science, and Public Policy and Urban Affairs, as well as a Visiting International Professor of Computer Science and Environmental Science at the Indian Institute of Technology (IIT) Kharagpur. He is a member of the United Nations Environmental Program review panel and the lead author of the Artificial Intelligence (AI) section of the upcoming Sustained National Climate Assessment of the United States. He is the Chief Specialty Editor for water and built environment of the upcoming Frontiers in Water journal and serves on the editorial board of the journal PLOS ONE and Scientific Reports published by Nature, as well as the American Society of Civil Engineers (ASCE) Journal of Computing in Civil Engineering. He has previously served as an Associate Editor of the American Geophysical Union (AGU) journal Water Resources Research, and on the AI committee of the American Meteorological Union (AMS), besides having served as a co-chair of the Societal Dimensions Working Group at the National Center for Atmospheric Research (NCAR). Ganguly has published in top interdisciplinary journals such as Nature, Proceedings of the National Academy of Sciences (PNAS), and Nature Climate Change, among others, and in highly regarded disciplinary journals in areas such as hydrometeorology and hydroclimate, climate and weather extremes, resilience of lifeline infrastructures, data mining and machine learning, as well as nonlinear physics. He has published a textbook on Critical Infrastructures Resilience by Taylor and Francis and other edited books on Knowledge Discovery from Sensor Data by CRC Press and LNCS. His research has been published in top computer, data science and AI venues, such as highly selective peer reviewed conferences including SIAM Data Mining (SDM) and ACM Knowledge Discovery and Data mining (KDD), where he has won

multiple best paper awards. Ganguly's research has been cited in United Nations and US assessment reports, highlighted in commentaries in scientific venues such as Nature, PNAS, NASA Tech Briefs, R&D Magazine, US Department of Energy (DOE), and National Science Foundation (NSF) news, while he and his work have been quoted by the news media in the US and across the globe. His former doctoral students and postgraduates are or have been in leadership positions in the private industry (e.g., in risk and hazards modeling, and machine learning), received prestigious international fellowships, employed as scientists in the US National Laboratory system and in government agencies such as NASA, and in faculty positions at US and international universities. Ganguly is the co-founder and chief scientific adviser at the NSF-funded startup risQ, where his former PhD student is the CEO and co-founder. In addition to teaching graduate and undergraduate courses in climate, water, applied data science, and critical infrastructures, Ganguly has been leading a study abroad undergraduate program on climate change science, engineering and policy across different regions of the world. He has 20+ years of professional experience spanning academia, private industry including startups, and government research laboratory, including Oak Ridge National Laboratory (ORNL), Oracle Corporation, and a best-of-breed company acquired by Oracle, besides joint, adjunct or visiting faculty positions at the University of Tennessee, Knoxville, the University of South Florida, and the Indian Institute of Technology (IIT) Bombay. His experience in the private sector has included time series software development and analytics for the demand-driven supply chains, while his research at the Oak Ridge National Laboratory has touched upon climate extremes and homeland security, as well as computational and data sciences. He has brought in about $20M of research funding in his career from sources such NSF, NASA, US DOE, US Department of Defense (DOD) and other sources and won multiple mentorship and outstanding faculty or faculty fellow awards. Ganguly has a PhD from the Massachusetts Institute of Technology (MIT) in Civil and Environmental Engineering, an MS in Civil Engineering from the University of Toledo, Ohio, and a B. Tech. (Hons.) from the Indian Institute of Technology (IIT) Kharagpur in Civil Engineering.

**Summary of the Expenditure:**

**Approved Budget from CHARUSAT: Rs. 232855/-**
**Income Generated from Workshop Registration Fees: Rs. 39700/-**
**Total Budget Available: Rs. 272755/-**

**Endowment Chair Activity: Dr. Auroop Ganguly 31/07/18 to 4/08/18**

| Sr. No | Expenses Head | Particulars | Bill Details | Amount |
|---|---|---|---|---|
| 1 | Workshop Kits | Spiral Pad-85, Folder-1 and Other1 | Kadadi S. N. Bill No: GST/127 | 1733 |
| | | Jute Bags for Workshop Kit-70 Bags | Craft Bazar Nadiad Bill Dated 28/7/18 | 7000 |
| 2 | Frames & Sapling | Frame for Certificates-2 Nos | Nutan Frames Bill Dated 3/8/18 | 240 |
| | | Sapling: Upavan Nursery-10 Sapling with Pot | Bill dated 30/7/18 | 1000 |
| 3 | Publicity/ Printing Material | Publicity/Printing Material | Bill No: 001 dated 4/8/18 | 9507 |
| | | Printing | Shyam Printing Dated 30/7/18 | 351 |
| 4 | Food Expenses | Food Expenses: Tea for Workshop | CHARUSAT Canteen Bill dated 31/7/18 | 1050 |
| | | Food Expenses (Dinner) on 1/8/18 of Dr. Ganguly | Bill No: 14301 dated 1/8/18 | 600 |
| | | Food Expenses (Snacks) on 1/8/18 | Bill No: T23 dated 1/8/18 | 170 |
| | | Food Expenses (Dinner) on 2/8/18 of Dr. Ganguly | Bill No: 3757 Dated 2/8/18 | 5559 |
| | | Food Expenses: Snacks @ Akshardham | Bill No: I/48225 dated 2/8/18 | 38 |
| | | Food Expenses: Snacks @ Akshardham | Bill No: C/36816 dated 2/8/18 | 280 |
| | | Food Expenses (Dinner) on 3/8/18 of Dr. Ganguly | Bill No:4587 dated 3/8/18 | 1937 |
| 5 | Gifts & Mementoes | Memento for Dr. Ganguly | Bill No: CC0021606 Dated 2/8/18 | 3545 |
| | | Memento for Chief Guest | Bill No: CC0020832 Dated 30/7/18 | 2200 |
| 6 | Other Expenses | Water Show @ Akshardham | Bill dated 2/8/18 | 270 |
| | | Sardar Smarak Entry Tickets | Bill No: 1751 &1752 | 30 |
| | | Facebook Boosting Charges | Bill by Jaydeep Desai | 400 |
| | | Website Domain Purchase | Bill by Dr. Prabhin | 950 |
| | | Miscellaneous | Bill not availabe/ Page Attached | 1130 |
| **TOTAL EXPENDITURE IN CASH** | | | | **37990** |
| 7 | Travel Expenses | Boston to Ahmedabad & Return Flight Booked through Vee Cee Travels | ITI00000332, DTI00000963, DTI00000964, | **130560** |

| | | | | |
|---|---|---|---|---|
| | | | DTI00000962 dated 26/06/2018 | |
| 8 | Lodging Expenses | Loadging at Hotel Arizona | AA200909 dated 4/08/18 | **10750** |
| 9 | Honanarium of Dr. Auroop Ganguly | For 5 Days | Account Challan Dated 2/08/2018 | **29990** |
| 10 | Local Transport od Dr. Ganguly | For 5 Days | Bill No: 1343, 1344, 1345, 1346, 1347, 1348 dated 8/8/2018 | **23712** |
| 11 | Workshop Food Expenses | KV Caterers On 31/07/18 Bill No 59 | 31/07/18 Bill No 59 | **21720** |
| | | | **Total Expenses Rs.** | **254722** |
| | | | **Income Generated Rs.** | **39700** |
| | | | **Net Expenses Rs.** | **215022** |

**NOTE:**

Income From Workshop Registration: Rs. 39900/-

Online/ NEFT Transactions Availabe with CHARUSAT: Rs. 2700/-

Cash Available: Rs. 37200/-

Expenses met from Cash Availabe (Registration Fees): Rs. 37990/-

Cash to be taken from (Reimbursed) from Account: Rs. 37990-37200= Rs. 790/-

## Date wise Detailed Report:

| Day I (31/07/2018) | |
|---|---|
| **10:00 am to 11:00 am** | The first day started with **One Day Workshop on Towards Climate Resilient India**<br>**Inaugural Function**<br>The workshop was convened by Dr. V R Panchal and coordinated by Dr. Hiteshri Shastri and Mr. Gaurav Kapse. The workshop started with an inaugural function, wherein Shri P K Taneja IAS (Retd.), Formaer Addl. Cheif Secretary to Govt. of Gujarat and Director SAACR - DMC was invited as Chief Guest.Also, Dr.Pankaj Joshi, Provost, CHARUSAT along with Dr. Ashwin D Patel, Principal, CSPIT graced the occasion with their divine presence.<br>Recent changes to the climate have had widespread impacts on human and natural systems throughout the world. Climate resilience is the ability to prepare for, mitigate and recover from the costs of climate impacts. Building resilience to climate change in a geographically |

| | |
|---|---|
| | diverse country like India is of paramount importance. In order to platform India's adaptation efforts and achievement in climate resilient development a one day workshop on "Towards Climate Resilient India" was organized by the M. S. Patel Department of Civil Engineering on 31st July 2018. Mr. P. K. Taneja, Director of the SAARC Disaster Management Centre and Director General for Gujarat Institute of Disaster Management, Gandhinagar graced the inaugural function of the one day workshop as a chief guest. Talking on the occasion Shri Taneja emphasized on adopting new technologies to understand a local level climate change for better management of disasters. He very importantly mentioned that the universities like CHARUSAT can help to integrate the science and engineering that has to play a huge role in bringing out these technologies to the local people (First responder). This can play vital role in effective disaster management. He appreciated the efforts of CHARUSAT for organizing the event on Climate Change.<br>The students and researchers of different region of Gujarat benefited through the workshop. The workshop highlighted pathways for scaling up climate resilient urban and rural models through nationally driven integrated development initiatives. The workshop served as a platform for addressing the potential impacts and identifying the tools for mainstreaming climate change adaptation. It also highlighted pathways for scaling up climate resilient urban and rural models through nationally driven integrated development initiatives.<br>The workshop brought together 150 policymakers, scientists, students and civil society organisations from different parts Gujarat for understanding the technology innovation and adoption to Climate Change.<br>"It is highly important to know the functioning of various trans disciplinary platforms to effectively handle the climate research and build-up a climate resilient framework" said Dr. Pankaj Joshi, Provost, CHARUSAT. "This programme shall provide an excellent opportunity for the participants to interact with one another and discuss problems and solutions of mutual interest" added Dr. A. D. Patel Principal CSPIT.<br>Dr. V R Panchal, Head, Civil Engineering Department, extended vote of thanks on behalf of the participants and organizers. |
| **11:00 am to 12:30 pm** | Session I for registered participants was covering " **The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India"** as a topic with broad scope and opportunities. |
| **01:30 pm to 03:00 pm** | Session II of the workshop was exclusively dedicated to the topic "**Adopting the United Nation's IPCC Climate Risk Framework to Emerging Economies with a Focus on India".** |
| **03:00 pm to 04:00 pm** | **Valedictory Function** |

| | |
|---|---|
| **Day II (01/08/2018)** | |
| **09:30 am to 11:00 am** | Session I on **"Physics-Aware Artificial Intelligence in the Sciences and Engineering: A Fundamental Research Agenda with Societal Impacts"** was conducted for MCA Students, IT/CE Students, Second Year Civil Engg., Final Year Civil Engg., and following staff members of Civil Engineering HKS, NHC, MUV, JKB, PS, MK, HP, BBS, RK, NAP, MJD, PJD, VHV, AJW, SCP. |
| **01:30 pm to 02:30 pm** | Meeting with Provost & Registrar |
| **02:30 pm to 04:00 pm** | Session II on **"The University of the Future: Balancing Knowledge Creation with Knowledge Dissemination in the World of AI, Citizen Science, and MOOC"** was conducted for MCA Students, IT/CE Students, Final Year Civil Engg., and following staff members of Civil Engineering GKR, PMS, PJD, JND, JKB, VHV, PCP. |
| **DAY III (02/08/2018)** | |
| **09:30 am to 11:00 am** | Session I on **"Critical Infrastructures under Climate and Cyber Threats: A Call for Action to Civil and Environmental Engineers"** was conducted for Second Year Civil Engg., Third Year Civil Engg., Final Year Civil Engg., and following staff members of Civil Engineering NHC, MJD, NAP, RK, NCP, PS, SCP, GKR, VHV, JND, SYB, MUV, AJW, KD, GK, MK, DYP, DGP, PJD |
| **02:30 pm to 04:00 pm** | Session II on **"Social Entrepreneurship for Future Civil Engineers: Critical Infrastructures, Key Resources, and Social Justice"** was conducted for Second Year Civil Engg.. Third Year Civil Engg., Final Year Civil Engg. and following staff members of Civil Engineering PCP, VHV, DGP, MK, PMS, AJW, BBS, SYB, NHC, MJD, MUV, NAP, KD, PS, PJD, PMS, GKR, HKS, RK, JND. |
| **DAY IV (03/08/2018)** | |
| **09:30 am to 11:10 am** | Visit to CSRTC, KRADLE & Other Labs |
| **12:10 pm to 02:00 pm** | Session I on **"Next-Generation Civil Engineers as Interdisciplinary Pioneers: Making Money, Saving Lives, and Having Fun"** was conducted for First Year Civil Engg., Second Year Civil Engg., Third Year Civil Engg., Final Year Civil Engg., and all staff members of Civil Engineering excluding JKB, PCP, DGP, SYB, HP. |
| **02:20 pm to 04:20 pm** | An open to all session for **general Interaction.** |
| **DAY V (04/08/2018)** | |
| **09:30 am to 11:10 am** | Interaction with Civil Engineering Staff & Students & **Farewell Function**<br>Dr. V R Panchal, Head, Civil Engineering Department, graced the occasion with the summarizing speech. He felicitate Dr. Deepak Mishra with a memento and certificate. |




*Figure 1 Welcome to guest speker July 31 – August 04, 2018*




*Figure 2 Inauguration July 31 – August 04, 2018*

**M S Patel DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

**Endowment Chair Activity (31st July to 4th August, 2018)**

## Dr. Auroop Ganguly

**Professor, Northeastern University, Boston, USA**

**A Session on**

**Physics-Aware Artificial Intelligence in the Sciences and Engineering: A Fundamental Research Agenda with Societal Impacts**

August 1, 2018 (Wednesday) | Venue: RPCP Auditorium

09:30 a.m. to 11:00 a.m.

**ATTENDANCE SHEET FOR FACULTIES**

| Sr. No. | EMP ID | Faculty Name | Department/Institute | Signature |
|---|---|---|---|---|
| 1 | | Dr. V R Panchal | CIVIL/CSPIT | |
| 2 | | Dr. Hiteshri K Shastri | CIVIL/CSPIT | |
| 3 | | Mrs. Mitali Vedanti | CIVIL/CSPIT | |
| 4 | | Mrs. Neha Chauhan | CIVIL/CSPIT | |
| 5 | | Mr. Jay Bhavsar | CIVIL/CSPIT | |
| 6 | | Dr. Prabhin Sukumaran | CIVIL/CSPIT | |
| 7 | | Mr. Vipul Vyas | CIVIL/CSPIT | |
| 8 | | Mr. Prakash Dabhi | CIVIL/CSPIT | |
| 9 | | Mrs. Megha Desai | CIVIL/CSPIT | |
| 10 | | Mr. Mehul Katakiya | CIVIL/CSPIT | |
| 11 | | Mr. Gaurav Kapse | CIVIL/CSPIT | |
| 12 | | Mr. Ankit J. Wankawala | CIVIL/CSPIT | |
| 13 | | Ms. Saraswati Pathariya | CIVIL/CSPIT | |
| 14 | | Ms. Renu Koshy | CIVIL/CSPIT | |
| 15 | | Ms. Hemal Parekh | CIVIL/CSPIT | |
| 16 | | Mr. Bhargav Shobhana | CIVIL/CSPIT | |
| 17 | | Abhilash Shukla | MCA/CMPICA | |
| 18 | | Chirag Patel | MCA/CMPICA | |
| 19 | | Devang Patel | Civil/CSPIT | |
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**M S Patel DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

**Endowment Chair Activity (31st July to 4th August, 2018)**

**Dr. Auroop Ganguly**

**Professor, Northeastern University, Boston, USA**

**A Session on**

**Physics-Aware Artificial Intelligence in the Sciences and Engineering: A Fundamental Research Agenda with Societal Impacts**

August 1, 2018 (Wednesday)

09:30 a.m. to 11:00 a.m.

**ATTENDANCE SHEET FOR STUDENTS**

| Sr. No. | ID No. | Student Name | Signature |
|---|---|---|---|
| 1 | 16CL010 | DANIDHARIYA YASH KANAKARAI | |
| 2 | 16CL011 | DANKHARA SHUBHAM BHARATBHAI | |
| 3 | 16CL046 | PARMAR HITESHKUMAR H | |
| 4 | 16CL103 | VAGHELA PARTHKUMAR RAKESHBHAI | |
| 5 | 17CL001 | ABBASI MAHAMMAD ASHIR ABDUL REHMAN | |
| 6 | 17CL002 | AGRAWAL YASH SANJAYBHAI | |
| 7 | 17CL003 | DEEP H AHIR | |
| 8 | 17CL004 | APARNATHI SHUBHAMGIRI VINODGIRI | |
| 9 | 17CL005 | BARIA KULDEEP RASIKBHAI | |
| 10 | 17CL006 | BHATT RIDDHI MILAN | |
| 11 | 17CL007 | BORASIYA DIGVIJAYSINH DILIPSINH | |
| 12 | 17CL008 | CHAUHAN BHAVESH DIPAKBHAI | |
| 13 | 17CL009 | DAFDA RAJDIP RAMJIBHAI | |
| 14 | 17CL010 | DAGLI PRANAY TUSHARKUMAR | |
| 15 | 17CL011 | DAVE HITARTH NILESH | |
| 16 | 17CL012 | DESAI RAJ JAYESHBHAI | |
| 17 | 17CL013 | DESAI SIDDHANT VINODBHAI | |
| 18 | 17CL014 | DESAI VRAJ JIGNESHBHAI | |
| 19 | 17CL015 | DHOLIYA SHWETANG RAMESHBHAI | |
| 20 | 17CL016 | DOBARIYA NIRAJ KANTILAL | |
| 21 | 17CL017 | GAJERA JAY TULSIBHAI | |
| 22 | 17CL018 | GOHIL RAVIRAJSINH ASHOKSINH | |
| 23 | 17CL019 | GOSWAMI HIMANI RAGNESHKUMAR | |
| 24 | 17CL020 | GOTI AKSHAYKUMAR RAMESHBHAI | |
| 25 | 17CL021 | AJAY HADIA | |
| 26 | 17CL022 | JARIWALA ISHAN PARESH | |
| 27 | 17CL023 | JETHAVANI SURESH KHUSHALDAS | |
| 28 | 17CL024 | KASODARIYA ARPIT KALUBHAI | |
| 29 | 17CL025 | KATARA AARAT RAMANLAL | |
| 30 | 17CL026 | KELA UJJVAL PARESHKUMAR | |
| 31 | 17CL027 | KEVADIYA DHRUVIN UMESHBHAI | |
| 32 | 17CL028 | KHANDELWAL HARSH ASHISHBHAI | |
| 33 | 17CL029 | KUSH GHANSHYAMBHAI KUMBHANI | |
| 34 | 17CL030 | LAKHANI DHRUMIT SANDIPBHAI | |
| 35 | 17CL031 | MALEKJI ABDULHAQ MOHAMMADARIF | |
| 36 | 17CL032 | MARVANIYA JAGAV ARVINDBHAI | |
| 37 | 17CL033 | MODI JASHKUMAR VIREN | |
| 38 | 17CL034 | NANAL TEJAS PRASHANTBHAI | |
| 39 | 17CL035 | NAROLA JENISH ISHWARBHAI | |
| 40 | 17CL036 | NAVADIYA TARANG ISHVARBHAI | |

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|---|---|---|---|
| 41 | 17CL037 | PADIA DHRUMIL BHAVESHBHAI | |
| 42 | 17CL038 | PAGHADAL RUTVIK MAHESHKUMAR | |
| 43 | 17CL039 | PANCHAL KHUSHKUMAR NATAVARBHAI | |
| 44 | 17CL040 | PANCHAL VISHRUT ANUP | |
| 45 | 17CL041 | PANDYA DEVANSHU TEJAS | |
| 46 | 17CL042 | PARIKH AVIRAJ VINAYKUMAR | |
| 47 | 17CL043 | PARSANA UTSAV ARVINDBHAI | |
| 48 | 17CL044 | PATEL APURVA MANOJKUMAR | |
| 49 | 17CL045 | PATEL ARPIT RAJESHBHAI | |
| 50 | 17CL046 | PATEL ASHISH ARVINBHAI | |
| 51 | 17CL048 | PATEL DHRUV SANJAYBHAI | |
| 52 | 17CL049 | PATEL DIVYA DEVENDRABHAI | |
| 53 | 17CL050 | PATEL HARSH MITESH | |
| 54 | 17CL051 | PATEL KAIVAN MUKESHKUMAR | |
| 55 | 17CL052 | KASHYAPKUMAR D PATEL | |
| 56 | 17CL053 | PATEL KENI PRAKASHBHAI | |
| 57 | 17CL054 | PATEL KUSH ARVINDBHAI | |
| 58 | 17CL055 | PATEL MAHARSHIKUMAR MANOJKUMAR | |
| 59 | 17CL056 | PATEL MAURYA VIPULKUMAR | |
| 60 | 17CL057 | PATEL MEET BIPINBHAI | |
| 61 | 17CL058 | PATEL PRACHI GIRISHKUMAR | |
| 62 | 17CL059 | PATEL PRANAV NIMESHBHAI | |
| 63 | 17CL060 | PATEL PRANSHU AMITBHAI | |
| 64 | 17CL061 | PATEL RAJ ATULBHAI | |
| 65 | 17CL062 | PATEL SIDDHARTH RAKESHBHAI | |
| 66 | 17CL063 | PATEL SMIT JAYESHBHAI | |
| 67 | 17CL064 | PATEL VIVEK VIJAYBHAI | |
| 68 | 17CL065 | PATEL YAKSH HASMUKHBHAI | |
| 69 | 17CL066 | PATEL ZEELKUMAR BHARATBHAI | |
| 70 | 17CL067 | POSHIYA PREET HARESHKUMAR | |
| 71 | 17CL068 | PRAJAPATI ARVISH SAMIRBHAI | |
| 72 | 17CL069 | RAJPARA SHREYAS AJITBHAI | |
| 73 | 17CL070 | RAJPUT SURAJSINH PRAVINSINH | |
| 74 | 17CL071 | RANAPARA RAHULKUMAR RAMESHBHAI | |
| 75 | 17CL072 | RATHOD SHLASH ISHWERBHAI | |
| 76 | 17CL073 | RAVAL TAPAN HEMANTKUMAR | |
| 77 | 17CL074 | RUDANI RUTVIK JAGDISHBHAI | |
| 78 | 17CL075 | SARASWAT AADESH SANJEEVKUMAR | |
| 79 | 17CL076 | SHAH ABHISHEK VIMAL | |
| 80 | 17CL077 | SHAH ASHESH PRASHANTBHAI | |
| 81 | 17CL078 | SHAH JANVI PARESHBHAI | |
| 82 | 17CL079 | SHAH MAYANK RAJANIKANT | |
| 83 | 17CL080 | SHAH PRANANJ HITESH | |
| 84 | 17CL081 | SHAH RAJ DIPAKBHAI | |
| 85 | 17CL082 | SHAH TIRTH GOPALBHAI | |
| 86 | 17CL083 | SHAIKH SANABANU MOHMAD.HANIF | |
| 87 | 17CL084 | SHETH VATSAL DHAVALKUMAR | |
| 88 | 17CL085 | ARJUN SOJITRA | |
| 89 | 17CL086 | SOJITRA ASHISH DHIRUBHAI | |
| 90 | 17CL087 | SOLANKI DHRUV LAXMANBHAI | |
| 91 | 17CL088 | SOLANKI MALAV PRAKASHBHAI | |
| 92 | 17CL089 | SOLANKI PRATAPKUMAR KARMANBHAI | |
| 93 | 17CL090 | SONI DHIR KETULBHAI | |
| 94 | 17CL091 | SUTARIYA MAULIKBHAI HARISHBHAI | |
| 95 | 17CL092 | SUTHAR CHINTAN VIMALKUMAR | |

| 96 | 17CL093 | TADHANEE DHAVAL MUKESHBHAI | |
|---|---|---|---|
| 97 | 17CL094 | THAKAR YASH RAJESHBHAI | |
| 98 | 17CL095 | DHRUV MAHENDRA THUMMAR | |
| 99 | 17CL096 | TRIPATHI ADITYA DEVNARAYAN | |
| 100 | 17CL097 | UNDHAD DARSHAN VIJAYBHAI | |
| 101 | 17CL098 | UPADHYAY BHAUMIK JAYESHKUMAR | |
| 102 | 17CL099 | VAGADIYA HIREN SHANTILAL | |
| 103 | 17CL100 | MANDHATTASINH D VAGHELA | |
| 104 | D18CL101 | PATEL JENILKUMAR J | |
| 105 | D18CL102 | RANGANI HIT DHANSUKHLAL | |
| 106 | D18CL103 | NAROLA DISHANT ARVINDBHAI | |
| 107 | D18CL104 | MODI DHRUMIL BHARATBHAI | |
| 108 | 12CL003 | AMIN HARDIKKUMAR DAHYABHAI | |
| 109 | 13CL058 | ANUJ NAYAK | |
| 110 | 14CL012 | CHAUDHARI NILAYKUMAR VIJAYBHAI | |
| 111 | 14CL014 | CHAUDHARY HARSHKUMAR RAKESHBHAI | |
| 112 | 14CL058 | PARMAR YASH VIJAYBHAI | |
| 113 | 14CL071 | PATEL KRUNAL KANUBHAI | |
| 114 | 14CL086 | PRAJAPATI JAYKUMAR PRAVINBHAI | |
| 115 | 15CL001 | AMIN ROMILKUMAR PRAFULBHAI | |
| 116 | 15CL003 | BHALODIYA TEJAS SURESHBHAI | |
| 117 | 15CL004 | BHATT NISARG SHAILESHBHAI | |
| 118 | 15CL006 | BHORANIYA ADILRAZAK GULABBHAI | |
| 119 | 15CL007 | BORAD FENIL RAMESH | |
| 120 | 15CL008 | BORADIA HARSHAL MANISHBHAI | |
| 121 | 15CL009 | BUDHDEV AVI | |
| 122 | 15CL010 | CHABHADIYA RENIL BIPINBHAI | |
| 123 | 15CL011 | CHANDNANI KARISHMA MANOJBHAI | |
| 124 | 15CL012 | CHAUDHARI KEYURKUMAR RAMESHBHAI | |
| 125 | 15CL013 | CHAUDHARI SHREYAS | |
| 126 | 15CL015 | CHEVLI PARTH RAJESHKUMAR | |
| 127 | 15CL016 | CHOVATIYA PREET GIRISHBHAI | |
| 128 | 15CL017 | CHOVATIYA YASHKUMAR JITENDRABHAI | |
| 129 | 15CL018 | DESAI DARSHANKUMAR RASIKLAL | |
| 130 | 15CL019 | DESAI MANAL AMITKUMAR | |
| 131 | 15CL020 | DEY SUBHABRATA ASISKUMAR | |
| 132 | 15CL021 | DHABALIYA ROHAN SHAILESHBHAI | |
| 133 | 15CL022 | DHANGA TAPANKUMAR HARISHCHANDRA | |
| 134 | 15CL023 | DODIYA ADITYAKUMAR RASIKLAL | |
| 135 | 15CL024 | GAJERA NIMESH KISHORBHAI | |
| 136 | 15CL027 | GHADIYA DENISH KARSHANBHAI | |
| 137 | 15CL028 | GHEVARIYA JIL DIPAKBHAI | |
| 138 | 15CL029 | GODHANI DHRUVIKKUMAR HASMUKHBHAI | |
| 139 | 15CL030 | GOHIL AMITKUMAR MADHUBHAI | |
| 140 | 15CL031 | GOHIL KRUPA MANOJKUMAR | |
| 141 | 15CL032 | GOSAI BHRUGESHBHARATI PRAVINBHARATI | |
| 142 | 15CL033 | VIBHUTI PRAVINSINGH GOYAL | |
| 143 | 15CL034 | HINDUSTANI DHARAMRAJ GAUTAMRAJ | |
| 144 | 15CL035 | JARIWALA VIREN JAYESHBHAI | |
| 145 | 15CL037 | JINWALA FALAK PRASHANT | |
| 146 | 15CL038 | JOTANIA KASHYAP PRAKASHBHAI | |
| 147 | 15CL039 | KACHHADIYA DISHANT RAJUBHAI | |
| 148 | 15CL040 | KALARIYA DARSHIL MAYANKBHAI | |
| 149 | 15CL041 | KALAVADIA DARSHIT NILESHBHAI | |
| 150 | 15CL042 | KANSARA DIVYKUMAR RAJESH | |

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| 151 | 15CL043 | KARMAKAR RAHUL | |
| 152 | 15CL044 | KHAKHAR POOJAN SANJAYBHAI | |
| 153 | 15CL045 | KHAMBHATA MANAN BHASKARBHAI | |
| 154 | 15CL047 | MAVANI SHYAM MANOJ | |
| 155 | 15CL048 | MISTRY ANIKET JAYESHBHAI | |
| 156 | 15CL049 | MISTRY CHAITANYA JITENDRABHAI | |
| 157 | 15CL050 | MODI HINAL PRADIPKUMAR | |
| 158 | 15CL051 | MORADIYA VIVEK PRAVINBHAI | |
| 159 | 15CL052 | MUNJPARA BHAVESH KISHORBHAI | |
| 160 | 15CL053 | NAINANI KUNAL ASHOKBHAI | |
| 161 | 15CL054 | NAIR ABHISHEK ANIL | |
| 162 | 15CL055 | PADINJAKKARA KENITA MARY SABU | |
| 163 | 15CL056 | PALAKRUTI VISHNUPRIYA VIJAYKUMAR | |
| 164 | 15CL058 | PANDYA HARSHIL MANOJBHAI | |
| 165 | 15CL059 | PANDYA PARTHESH HARSHANG | |
| 166 | 15CL060 | PANDYA VIRAJ NIRAVKUMAR | |
| 167 | 15CL061 | PARMAR MEHULKUMAR JESINGBHAI | |
| 168 | 15CL062 | PARMAR NIKUNJ AMRUTLAL | |
| 169 | 15CL064 | PARMAR SHIVAM RAMESHBHAI | |
| 170 | 15CL065 | PATEL ARFAT ASHRAFBHAI | |
| 171 | 15CL067 | PATEL DHRUMIL PIYUSHBHAI | |
| 172 | 15CL068 | PATEL FENIL VINODBHAI | |
| 173 | 15CL069 | PATEL HARSH HASMUKHBHAI | |
| 174 | 15CL071 | HARSHKUMAR SUNILBHAI PATEL | |
| 175 | 15CL072 | HEMANSHI DILIPBHAI PATEL | |
| 176 | 15CL073 | KEVALKUMAR NATVARLAL PATEL | |
| 177 | 15CL075 | LAY HARSHAD PATEL | |
| 178 | 15CL076 | MAHARSHI SHARADBHAI PATEL | |
| 179 | 15CL077 | NAISHADHKUMAR GOVINDBHAI PATEL | |
| 180 | 15CL078 | PARAM HARITKUMAR PATEL | |
| 181 | 15CL080 | PARTH DAHYABHAI PATEL | |
| 182 | 15CL081 | PARTH SHAILESHBHAI PATEL | |
| 183 | 15CL083 | PIYUSH PREMJIBHAI PATEL | |
| 184 | 15CL084 | PREET VIKRAMBHAI PATEL | |
| 185 | 15CL085 | RAM PANKAJ PATEL | |
| 186 | 15CL087 | ROHIT RAVJIBHAI PATEL | |
| 187 | 15CL088 | SMIT AMRUTLAL PATEL | |
| 188 | 15CL089 | URMIL ARVINDBHAI PATEL | |
| 189 | 15CL090 | ZEEL BHAVINBHAI PATEL | |
| 190 | 15CL093 | RAVIKUMAR GAJANANDBHAI PRAJAPATI | |
| 191 | 15CL095 | NISHABEN GHANSHYAMBHAI RAKHOLIYA | |
| 192 | 15CL096 | HIMANSHU HITESHBHAI RANINGA | |
| 193 | 15CL097 | ABHAY SUKHLALBHAI RATHOD | |
| 194 | 15CL098 | RAJKUMAR PARSHOTTAMBHAI RATHOD | |
| 195 | 15CL101 | DHRUV ARVINDBHAI SENJALIYA | |
| 196 | 15CL102 | DHRUV TEJAL SHAH | |
| 197 | 15CL103 | MITALI SURESHBHAI SHAH | |
| 198 | 15CL104 | MONIKA HITESHBHAI SHAH | |
| 199 | 15CL105 | NEEL SHRENIK SHAH | |
| 200 | 15CL106 | YUVRAJSINH HAMIRSINH SISODIYA | |
| 201 | 15CL107 | JAYDIP ILESHKUMAR SOLANKI | |
| 202 | 15CL108 | RUTVIK DINESHBHAI SURANI | |
| 203 | 15CL109 | RAJ MANSUKHLAL TANK | |
| 204 | 15CL110 | SRIVASTAVA TESHIKHA | |
| 205 | 15CL111 | UDDHAV SAMIRKUMAR THACKER | |
| 206 | 15CL113 | VIDIT GOPALBHAI UPADHYAY | |

| 207 | 15CL114 | PARTH NARESHBHAI VADDORIYA | |
|---|---|---|---|
| 208 | 15CL116 | JAY BABUBHAI VALA | |
| 209 | 15CL117 | NEVIA ARVINDBHAI VEKARIYA | |
| 210 | 15CL118 | NIRAV MAHESHKUMAR VEKARIYA | |
| 211 | 15CL119 | BHAVYA JAYANTKUMAR VIRANI | |
| 212 | 15CL120 | KELVIN KISHORBHAI VISAVELIYA | |
| 213 | 15CL121 | AJAYKUMAR RAMESHBHAI VYAS | |
| 214 | 15CL122 | VIKHYATI JAY ZAVERI | |
| 215 | 15CL123 | RIKIN SANDIPBHAI PATEL | |
| 216 | D15CL129 | CHAUHAN JAYENDRASINH DILIPSINH | |
| 217 | D16CL125 | DUNGRANI ASHISH RAVIBHAI | |
| 218 | D16CL126 | DONDA ARSHIT RAMESHBHAI | |
| 219 | D16CL127 | RAFALIYA SAGAR ASHWINBHAI | |
| 220 | D16CL128 | MAYATRA ANKUR VINODKUMAR | |
| 221 | D16CL129 | TANMAY JAYANTILAL BAVISHI | |
| 222 | D16CL130 | KAKADIYA ASHISHBHAI HIMMATBHAI | |
| 223 | D16CL131 | KHUNT JAYDEEP HARSUKHBHAI | |
| 224 | D16CL132 | TEJ DILIPBHAI CHAVDA | |
| 225 | D16CL133 | MITUN MEGHJIBHAI JEPAR | |
| 226 | D16CL134 | MAHIMNA RAJENDRAPRASAD UPADHYAY | |
| 227 | D16CL137 | JATIN SURESHBHAI BHANUSHALI | |
| 228 | D16CL138 | ANMOL VIRALKUMAR DOSHI | |
| 229 | D16CL139 | ALDRIN PAUL CHRISTIE | |
| 230 | D16CL140 | YASHKUMAR RAMESHBHAI JASANI | |
| 231 | D16CL141 | MOHAMEDHANNAN MOHAMEDSABIR SHAIKH | |
| 232 | D16CL142 | RUCHITA HARSHADKUMAR MEGHANI | |
| 233 | D16CL143 | DHARMIN VIJAYKUMAR JOSHI | |
| 234 | D16CL144 | JIGAR PARESHBHAI TANK | |
| 235 | D16CL145 | RAJKUMAR SANJAYBHAI SHUKLA | |
| 236 | D16CL146 | KIRTAN KAMLESHBHAI GOHEL | |
| 237 | D16CL147 | MANISH PRAVINSANG GOHIL | |
| 238 | D16CL149 | YASH LOKESHKUMAR DOSHI | |
| 239 | D16CL150 | BHARATKUMAR VINUBHAI VAGHELA | |
| 240 | D16CL151 | ANIKET PRAKASHCHANDRA AGRAWAL | |
| 241 | D16CL152 | YASH SUBHASHBHAI PATEL | |
| 242 | D16CL154 | CHAITANYA BIRENKUMAR SHETH | |
| 243 | D16CL155 | JANAKKUMAR HASMUKHBHAI GANGANI | |
| 244 | D16CL156 | MEET RAMESHBHAI MANIYA | |
| 245 | D16CL157 | ASITKUMAR KESHAV PRASAD VERMA | |
| 246 | D16CL158 | SHIVANG PRAKASHBHAI DHANRAJ | |
| 247 | 18MCAL001 | ACHHODI AMIR SHAUKATALI | |
| 248 | 18MCAL002 | AMIN BRIJESH VIMALBHAI | |
| 249 | 18MCAL003 | AMLANI PARIN PARESH | |
| 250 | 18MCAL004 | BHALANI RUCHA PANKAJBHAI | |
| 251 | 18MCAL005 | BHANUSHALI PIYUSH RAMESHBHAI | |
| 252 | 18MCAL006 | BHATASANA KRUPA SANJAY | |
| 253 | 18MCAL007 | BUDDHBHATTI ABHISHEK DINESHBHAI | |
| 254 | 18MCAL008 | CHAUDHARI SHIVANG BHAGVANBHAI | |
| 255 | 18MCAL009 | CHAUHAN SAGARKUMAR DEVENDRABHAI | |
| 256 | 18MCAL010 | CHRISTIAN SMIT SHASHIKANT | |
| 257 | 18MCAL011 | DABGAR AKASH SURESHBHAI | |
| 258 | 18MCAL012 | DAHYA AKIBJAVID ARIF ISMAIL | |
| 259 | 18MCAL013 | DALWADI JAY RAJENDRAKUMAR | |
| 260 | 18MCAL014 | DANKHRA SANDIP BHIMAJIBHAI | |
| 261 | 18MCAL015 | DAVE RUTUL HEMANTKUMAR | |
| 262 | 18MCAL016 | DESAI DHRUVI HIMANSHUBHAI | |

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| 263 | 18MCAL017 | DHANGDHRIYA YASH NITIKUMAR | |
| 264 | 18MCAL018 | DHOBI SUNIL KALIDAS | |
| 265 | 18MCAL019 | DORIK DEEPAK PITAMBAR | |
| 266 | 18MCAL020 | GANGAVANI RONESHKUMAR NARESHKUMAR | |
| 267 | 18MCAL021 | HATIA ASHRAF ANWAR | |
| 268 | 18MCAL022 | PATEL HIMA VIPULKUMAR | |
| 269 | 18MCAL023 | JADHAV ROSHNI RAMESH | |
| 270 | 18MCAL024 | JAGIRDAR DHRUV SURESH | |
| 271 | 18MCAL025 | JAYSWAL KARAN NANDKISHOR | |
| 272 | 18MCAL026 | JOSHI JAY SANJAYKUMAR | |
| 273 | 18MCAL027 | KACHHIA SAVAN KAMLESHBHAI | |
| 274 | 18MCAL028 | KANSARA RUSHIBHAI RAJENDRABHAI | |
| 275 | 18MCAL029 | KEVADIYA ABHISHEK SHEETAL | |
| 276 | 18MCAL030 | MACHHI MANTHANKUMAR THAKORBHAI | |
| 277 | 18MCAL031 | MALEK ALISHA HABIBMIYA | |
| 278 | 18MCAL032 | MEHTA SIDDHARTH DIMPLEBHAI | |
| 279 | 18MCAL034 | PANDYA HARSH PRAKASHKUMAR | |
| 280 | 18MCAL035 | PANIKER AMITHA MURALEEDHARAN | |
| 281 | 18MCAL036 | PARAWALA ABDULKADIR HANNANBHAI | |
| 282 | 18MCAL037 | PAREKH PRIYABEN NILESHBHAI | |
| 283 | 18MCAL038 | PARIKH CHINTAN NIMESHBHAI | |
| 284 | 18MCAL039 | PARIKH DEEPAN VIJAY | |
| 285 | 18MCAL040 | PARMAR ANKULKUMAR ATULBHAI | |
| 286 | 18MCAL041 | PATEL ADIL ABBAS | |
| 287 | 18MCAL042 | PATEL ANGIK JAYESHKUMAR | |
| 288 | 18MCAL043 | PATEL APURVA MUKESHKUMAR | |
| 289 | 18MCAL044 | PATEL BHUMIKABAHEN THAKORBHAI | |
| 290 | 18MCAL045 | PATEL DEEP DINESHKUMAR | |
| 291 | 18MCAL046 | PATEL DHRUV RAJESHBHAI | |
| 292 | 18MCAL047 | PATEL DHRUVAL SURENDRAKUMAR | |
| 293 | 18MCAL048 | PATEL DHRUVIBEN JAGADISHBHAI | |
| 294 | 18MCAL050 | PATEL GHANSHYAMBHAI HIRALAL | |
| 295 | 18MCAL051 | PATEL GRISHMA ILESHKUMAR | |
| 296 | 18MCAL052 | PATEL HARSE ANIL KUMAR | |
| 297 | 18MCAL053 | PATEL HARSH ARVINDKUMAR | |
| 298 | 18MCAL054 | PATEL HARSH PIYUSHBHAI | |
| 299 | 18MCAL055 | PATEL HARSHKUMAR SHAILESHBHAI | |
| 300 | 18MCAL056 | PATEL HARSHKUMAR SHEKHAR | |
| 301 | 18MCAL058 | PATEL HIMANGINIBEN MAFATBHAI | |
| 302 | 18MCAL059 | PATEL HIMANIBEN PANKAJBHAI | |
| 303 | 18MCAL060 | PATEL HIMANSHU MANUBHAI | |
| 304 | D18CL150 | Rahul Ronak P. | |
| 305 | D13CL161 | Vivek A. Thakkar | |
| 306 | D14CL149 | Patel Harikrishna N. | |
| 307 | D15CL156 | Radhanpura Saiebhussain | |
| 308 | 14CL058 | Parmar Yash V. | |
| 309 | 17PHY001 | Hitesh Vala | |
| 310 | 17PHY002 | Swati Patel | |
| 311 | 17PHY004 | Hiren Kelaiya | |
| 312 | 17PHY005 | Krishna Modi | |
| 313 | 17PHY007 | Richa Patel | |
| 314 | 17PHY008 | Ekanka Saraoka | |
| 315 | 17PHY009 | Pranav Shukla | |
| 316 | 17PHY010 | Pooja Singh | |
| 317 | 17PHY011 | Mayuri Manjunkiya | |
| 318 | | | |

# One day workshop
on
# "Towards Climate Resilient India"

## July 31, 2018

By



## Dr. Auroop Ganguly

**Professor, Dept. of Civil & Environmental Engineering**
**Director, Sustainability and Data Sciences Laboratory**
**Northeastern University, Boston, USA**

## Workshop Venue & Time

**PDPIAS, Auditorium, CHARUSAT Campus, Changa**
**10 am to 3:30 pm**

**Organized Under the Endowment Chair Activity**
**of**

## M. S. Patel Department of Civil Engineering

**Chandubhai S. Patel Institute of Technology**
**Charotar University of Science and Technology, Changa**

*For more details about the workshop & for registration please visit our website*
**www.cspitcivil.com**

**Chief Patron:**
Shri. Surendrabhai Patel, President, CHARUSAT

**Patrons:**
Dr. M. C. Patel, Secretary, Kelvani Mandal
Dr. Pankaj Joshi, Provost, CHARUSAT

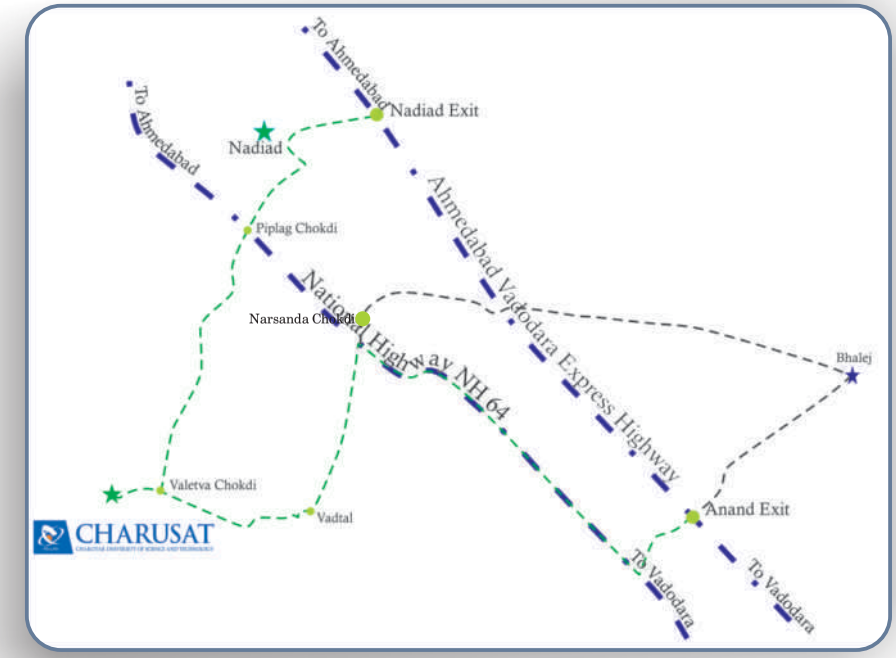
**President:**
Dr. A. D. Patel, Principal, CSPIT

**Program Chair:**
Dr. Amit Ganatra, Dean, FTE

**Program Convener:**
Dr. V. R. Panchal , Professor & Head, M. S. Patel Dept. of Civil Engg.

**Program Coordinators:**
Dr. Hiteshri K. Shastri and Mr. Gaurav Kapse
Asst. Professors, M. S. Patel Dept. of Civil Engineering ,CSPIT

**How to Reach**








# One Day Workshop on
# "Towards Climate Resilient India"



## By
## Dr. Auroop Ganguly
**Professor, Dept. of Civil & Environmental Engineering**
**Director, Sustainability and Data Sciences Laboratory**
**Northeastern University, Boston, USA**

**31st July, 2018**

| **Convener:** | **Coordinators:** |
|---|---|
| Dr. V. R. Panchal | Dr. Hiteshri K. Shastri & Mr. Gaurav Kapse |

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Organized by:
M. S. Patel Department of Civil Engineering,
Chandubhai S. Patel Institute of Technology [CSPIT],
Charotar University of Science and Technology [CHARUSAT],
CHARUSAT Campus, Changa - 388 421, Dist: Anand (Gujarat)

## Glimpses of the University

Charotar University of Science and Technology (CHARUSAT) is established under the promulgation of Gujarat Private Universities Act, 2009. The University is empowered to confer degrees under section 22 of the UGC Act 1956.

CHARUSAT owns the distinction of being the first private University in the State of Gujarat to be accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade in the first cycle.

CHARUSAT under its ambit nurtures six faculties, nine Institutes and three Centers (within the constituent institutes), offering seventy different UG, PG, and Doctoral Programs. The faculties include Faculty of Technology and Engineering, Faculty of Pharmacy, Faculty of Computer Science & Applications, Faculty of Management Studies, Faculty of Applied Sciences and Faculty of Medical Sciences.

CHARUSAT at the same time emphasises on science and technology with bench marking of the highest international standards while taking stock of the national needs, demands and issues. Training for scientific research as well as entrepreneurship development are the two major considerations emphasized at CHARUSAT.

## About Organizing Department

The Department of Civil Engineering at CSPIT, CHARUSAT is established in the year 2008 to impart quality education and conduct research in Civil Engineering to cater to the rising needs and demands of society. The Department has constantly been equipping itself with technological advancements of national priority and flexibly adapting to changing scenario in the field of Civil Engineering.

## Objectives of the Programme

Recent changes to the climate have had widespread impacts on human and natural systems throughout the world. Climate resilience is the ability to prepare for, mitigate and recover from the costs of climate impacts. Building resilience to climate change in a geographically diverse country like India is of paramount importance.

In order to platform India's adaptation efforts and achievement in climate resilient development a one day workshop on "Towards Climate Resilient India" is organised by the M. S. Patel Department of Civil Engineering.

The workshop will highlight pathways for scaling up climate resilient urban and rural models through nationally driven integrated development initiatives. The workshop will bring together policymakers, scientists, students and civil society organisations of Gujarat for understanding the technology innovation and adoption to Climate Change.

In order to capture the above mentioned approach the workshop undertakes following objectives:

- To recognize the spatiotemporal Chaos in India under changing global climate
- To comprehend the role of Artificial Intelligence to the climate system predictability
- To facilitate the dialogue to the impacts of climate change on Indian Summer Monsoon
- To discuss opportunities in mainstreaming climate resilience agenda into planning

The workshop will serve as a platform for addressing the potential impacts and identifying the tools for mainstreaming climate change adaptation.



## Major Course Contents



- **Session-I:** Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India
- **Session-II:** Adopting United Nation's IPCC Climate Risk Framework to Emerging Economies like India

## About the Speaker

Dr. Auroop Ganguly is Professor at Department of Civil & Environmental Engineering at Northeastern University, Boston, USA and Director of Sustainability and Data Sciences Laboratory (SDS Lab) at Northeastern University. He is a civil and environmental engineer who works at the intersection of three broad areas: (1) Climate Extremes and Water Sustainability, (2) Infrastructural Resilience and Homeland Security, and (3) Artificial Intelligence and Nonlinear Dynamics.

He has obtained a PhD from Massachusetts Institute of Technology, USA. Prior to his current position at Northeastern University in Boston, MA, he was at the US Department of Energy's Oak Ridge National Laboratory for seven years in their Computational Sciences and Engineering Division, at Oracle Corporation for five years in their Time Series and Demand Forecasting groups. Further information about the speaker can be obtained from http://www.civ.neu.edu/people/ganguly-auroop

## Registration

Registration for the workshop can be obtained though the Google form available at M. S. Patel Civil Engineering Department, CSPIT web page. Registration can also be obtained through the following link: https://goo.gl/forms/REGgZfLJPCVfdPkb2

**Registration Fees**

**Student: Rs. 300/-**
**Academic/Industry Personnel: Rs. 500/-**

The registration fee includes course material, participation kit, breakfast, lunch and tea. Registration fee is non-refundable.

Registration fee can be paid by NEFT/ Bank Transfer and Cheque/ Demand Draft.

NEFT/ Bank Transfer details are available in Registration Form.

Cheque or Demand Draft drawn in favor of Charotar University of Science and Technology, payable at Changa. The same is to be sent to the coordinators on or before July 28, 2018.

DD/ Cheque should be sent to :

Mr. Gaurav V. Kapse, Coordinator
M. S. Patel Department of Civil Engineering,
Chandubhai S. Patel Institute of Technology,
Charotar University of Science and Technology, Changa - 388 421
Email: gauravkapse.cv@charusat.ac.in

## For More Information

Dr. Hiteshri K. Shastri (+91 8879 137964) | Mr. Gaurav Kapse (+91 9730 229304)

# A Report

# of

## "One Day Workshop on

# "Towards Climate Resilient India"

Convener: Dr. V. R. Panchal

Coordinator:

Dr. Hiteshri Shastri and Mr. Gaurav Kapse

During

**July 31, 2018**

Chandubhai S Patel Institute of Technology

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Organized by

M.S. Patel Department of Civil Engineering
Chandubhai S Patel Institute of Technology
Charotar University of Science and Technology
CHARUSAT Campus-Changa

M. S. Patel Department of Civil Engineering of C. S. Patel Institute of Technology, CHARUSAT, Changa is organizing its Endowment Chair Activity from 31st July to 4th August 2018. The department will be hosting Dr. Auroop Ganguly, Professor at Department of Civil & Environmental Engineering at Northeastern University, Boston, USA and Director of Sustainability and Data Sciences Laboratory (SDS Lab) at Northeastern University. Dr. Ganguly works at the intersection of three broad areas namely Climate Extremes and Water Sustainability, Infrastructural Resilience and Homeland Security, and Artificial Intelligence and Nonlinear Dynamics. He has obtained a Ph.D. from Massachusetts Institute of Technology, USA.

## Biographic Sketch of Dr. Auroop Ganguly:

Auroop R. Ganguly is a hydrologist and a civil engineer, and currently a Professor of Civil and Environmental Engineering (CEE) at Northeastern University (NU) in Boston, MA, USA, where he is the Director of the Sustainability and Data Sciences Laboratory (SDS Lab). He is also Professor by courtesy of multiple NU departments and colleges, specifically, Computer and Information Science, Marine and Environmental Sciences, Political Science, and Public Policy and Urban Affairs, as well as a Visiting International Professor of Computer Science and Environmental Science at the Indian Institute of Technology (IIT) Kharagpur. He is a member of the United Nations Environmental Program review panel and the lead author of the Artificial Intelligence (AI) section of the upcoming Sustained National Climate Assessment of the United States. He is the Chief Specialty Editor for water and built environment of the upcoming Frontiers in Water journal and serves on the editorial board of the journal PLOS ONE and Scientific Reports published by Nature, as well as the American Society of Civil Engineers (ASCE) Journal of Computing in Civil Engineering. He has previously served as an Associate Editor of the American Geophysical Union (AGU) journal Water Resources Research, and on the AI committee of the American Meteorological Union (AMS), besides having served as a co-chair of the Societal Dimensions Working Group at the National Center for Atmospheric Research (NCAR). Ganguly has published in top interdisciplinary journals such as Nature, Proceedings of the National Academy of Sciences (PNAS), and Nature Climate Change, among others, and in highly regarded disciplinary journals in areas such as hydrometeorology and hydroclimate, climate and weather extremes, resilience of lifeline infrastructures, data mining and machine learning, as well as nonlinear physics. He has published a textbook on Critical Infrastructures Resilience by Taylor and Francis and other edited books on Knowledge Discovery from Sensor Data by CRC Press and LNCS. His research has been published in top computer, data science and AI venues, such as highly selective peer reviewed conferences including SIAM Data

Mining (SDM) and ACM Knowledge Discovery and Data mining (KDD), where he has won multiple best paper awards. Ganguly's research has been cited in United Nations and US assessment reports, highlighted in commentaries in scientific venues such as Nature, PNAS, NASA Tech Briefs, R&D Magazine, US Department of Energy (DOE), and National Science Foundation (NSF) news, while he and his work have been quoted by the news media in the US and across the globe. His former doctoral students and postgraduates are or have been in leadership positions in the private industry (e.g., in risk and hazards modeling, and machine learning), received prestigious international fellowships, employed as scientists in the US National Laboratory system and in government agencies such as NASA, and in faculty positions at US and international universities. Ganguly is the co-founder and chief scientific adviser at the NSF-funded startup risQ, where his former PhD student is the CEO and co-founder. In addition to teaching graduate and undergraduate courses in climate, water, applied data science, and critical infrastructures, Ganguly has been leading a study abroad undergraduate program on climate change science, engineering and policy across different regions of the world. He has 20+ years of professional experience spanning academia, private industry including startups, and government research laboratory, including Oak Ridge National Laboratory (ORNL), Oracle Corporation, and a best-of-breed company acquired by Oracle, besides joint, adjunct or visiting faculty positions at the University of Tennessee, Knoxville, the University of South Florida, and the Indian Institute of Technology (IIT) Bombay. His experience in the private sector has included time series software development and analytics for the demand-driven supply chains, while his research at the Oak Ridge National Laboratory has touched upon climate extremes and homeland security, as well as computational and data sciences. He has brought in about $20M of research funding in his career from sources such NSF, NASA, US DOE, US Department of Defense (DOD) and other sources and won multiple mentorship and outstanding faculty or faculty fellow awards. Ganguly has a PhD from the Massachusetts Institute of Technology (MIT) in Civil and Environmental Engineering, an MS in Civil Engineering from the University of Toledo, Ohio, and a B. Tech. (Hons.) from the Indian Institute of Technology (IIT) Kharagpur in Civil Engineering.

**Summary of the Expenditure:**

**Approved Budget from CHARUSAT: Rs. 232855/-**
**Income Generated from Workshop Registration Fees: Rs. 39700/-**
**Total Budget Available: Rs. 272755/-**

**Endowment Chair Activity: Dr. Auroop Ganguly 31/07/18 to 4/08/18**

| Sr. No | Expenses Head | Particulars | Bill Details | Amount |
|---|---|---|---|---|
| 1 | Workshop Kits | Spiral Pad-85, Folder-1 and Other1 | Kadadi S. N. Bill No: GST/127 | 1733 |
| | | Jute Bags for Workshop Kit-70 Bags | Craft Bazar Nadiad Bill Dated 28/7/18 | 7000 |
| 2 | Frames & Sapling | Frame for Certificates-2 Nos | Nutan Frames Bill Dated 3/8/18 | 240 |
| | | Sapling: Upavan Nursery-10 Sapling with Pot | Bill dated 30/7/18 | 1000 |
| 3 | Publicity/ Printing Material | Publicity/Printing Material | Bill No: 001 dated 4/8/18 | 9507 |
| | | Printing | Shyam Printing Dated 30/7/18 | 351 |
| 4 | Food Expenses | Food Expenses: Tea for Workshop | CHARUSAT Canteen Bill dated 31/7/18 | 1050 |
| | | Food Expenses (Dinner) on 1/8/18 of Dr. Ganguly | Bill No: 14301 dated 1/8/18 | 600 |
| | | Food Expenses (Snacks) on 1/8/18 | Bill No: T23 dated 1/8/18 | 170 |
| | | Food Expenses (Dinner) on 2/8/18 of Dr. Ganguly | Bill No: 3757 Dated 2/8/18 | 5559 |
| | | Food Expenses: Snacks @ Akshardham | Bill No: I/48225 dated 2/8/18 | 38 |
| | | Food Expenses: Snacks @ Akshardham | Bill No: C/36816 dated 2/8/18 | 280 |
| | | Food Expenses (Dinner) on 3/8/18 of Dr. Ganguly | Bill No:4587 dated 3/8/18 | 1937 |
| 5 | Gifts & Mementoes | Memento for Dr. Ganguly | Bill No: CC0021606 Dated 2/8/18 | 3545 |
| | | Memento for Chief Guest | Bill No: CC0020832 Dated 30/7/18 | 2200 |
| 6 | Other Expenses | Water Show @ Akshardham | Bill dated 2/8/18 | 270 |
| | | Sardar Smarak Entry Tickets | Bill No: 1751 &1752 | 30 |
| | | Facebook Boosting Charges | Bill by Jaydeep Desai | 400 |
| | | Website Domain Purchase | Bill by Dr. Prabhin | 950 |
| | | Miscellaneous | Bill not availabe/ Page Attached | 1130 |
| **TOTAL EXPENDITURE IN CASH** | | | | **37990** |

| | | | | |
|---|---|---|---|---|
| 7 | Travel Expenses | Boston to Ahmedabad & Return Flight Booked through Vee Cee Travels | ITI00000332, DTI00000963, DTI00000964, DTI00000962 dated 26/06/2018 | **130560** |
| 8 | Lodging Expenses | Loadging at Hotel Arizona | AA200909 dated 4/08/18 | **10750** |
| 9 | Honanarium of Dr. Auroop Ganguly | For 5 Days | Account Challan Dated 2/08/2018 | **29990** |
| 10 | Local Transport od Dr. Ganguly | For 5 Days | Bill No: 1343, 1344, 1345, 1346, 1347, 1348 dated 8/8/2018 | **23712** |
| 11 | Workshop Food Expenses | KV Caterers On 31/07/18 Bill No 59 | 31/07/18 Bill No 59 | **21720** |
| | | | **Total Expenses Rs.** | **254722** |
| | | | **Income Generated Rs.** | **39700** |
| | | | **Net Expenses Rs.** | **215022** |

**NOTE:**

Income From Workshop Registration: Rs. 39900/-

Online/ NEFT Transactions Availabe with CHARUSAT: Rs. 2700/-

Cash Available: Rs. 37200/-

Expenses met from Cash Availabe (Registration Fees): Rs. 37990/-

Cash to be taken from (Reimbursed) from Account: Rs. 37990-37200= Rs. 790/-

## Date wise Detailed Report:

| Day I (31/07/2018) | |
|---|---|
| **10:00 am to 11:00 am** | The first day started with **One Day Workshop on Towards Climate Resilient India**<br>**Inaugural Function**<br>The workshop was convened by Dr. V R Panchal and coordinated by Dr. Hiteshri Shastri and Mr. Gaurav Kapse. The workshop started with an inaugural function, wherein Shri P K Taneja IAS (Retd.), Formaer Addl. Cheif Secretary to Govt. of Gujarat and Director SAACR - DMC was invited as Chief Guest.Also, Dr.Pankaj Joshi, Provost, CHARUSAT along with Dr. Ashwin D Patel, Principal, CSPIT graced the occasion with their divine presence.<br>Recent changes to the climate have had widespread impacts on human and natural systems throughout the world. Climate resilience is the ability to prepare for, mitigate and recover |

| | |
|---|---|
| | from the costs of climate impacts. Building resilience to climate change in a geographically diverse country like India is of paramount importance. In order to platform India's adaptation efforts and achievement in climate resilient development a one day workshop on "Towards Climate Resilient India" was organized by the M. S. Patel Department of Civil Engineering on 31st July 2018. Mr. P. K. Taneja, Director of the SAARC Disaster Management Centre and Director General for Gujarat Institute of Disaster Management, Gandhinagar graced the inaugural function of the one day workshop as a chief guest. Talking on the occasion Shri Taneja emphasized on adopting new technologies to understand a local level climate change for better management of disasters. He very importantly mentioned that the universities like CHARUSAT can help to integrate the science and engineering that has to play a huge role in bringing out these technologies to the local people (First responder). This can play vital role in effective disaster management. He appreciated the efforts of CHARUSAT for organizing the event on Climate Change.<br>The students and researchers of different region of Gujarat benefited through the workshop. The workshop highlighted pathways for scaling up climate resilient urban and rural models through nationally driven integrated development initiatives. The workshop served as a platform for addressing the potential impacts and identifying the tools for mainstreaming climate change adaptation. It also highlighted pathways for scaling up climate resilient urban and rural models through nationally driven integrated development initiatives.<br>The workshop brought together 150 policymakers, scientists, students and civil society organisations from different parts Gujarat for understanding the technology innovation and adoption to Climate Change.<br>"It is highly important to know the functioning of various trans disciplinary platforms to effectively handle the climate research and build-up a climate resilient framework" said Dr. Pankaj Joshi, Provost, CHARUSAT. "This programme shall provide an excellent opportunity for the participants to interact with one another and discuss problems and solutions of mutual interest" added Dr. A. D. Patel Principal CSPIT.<br>Dr. V R Panchal, Head, Civil Engineering Department, extended vote of thanks on behalf of the participants and organizers. |
| **11:00 am to 12:30 pm** | Session I for registered participants was covering " **The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India"** as a topic with broad scope and opportunities. |
| **01:30 pm to 03:00 pm** | Session II of the workshop was exclusively dedicated to the topic "**Adopting the United Nation's IPCC Climate Risk Framework to Emerging Economies with a Focus on India".** |

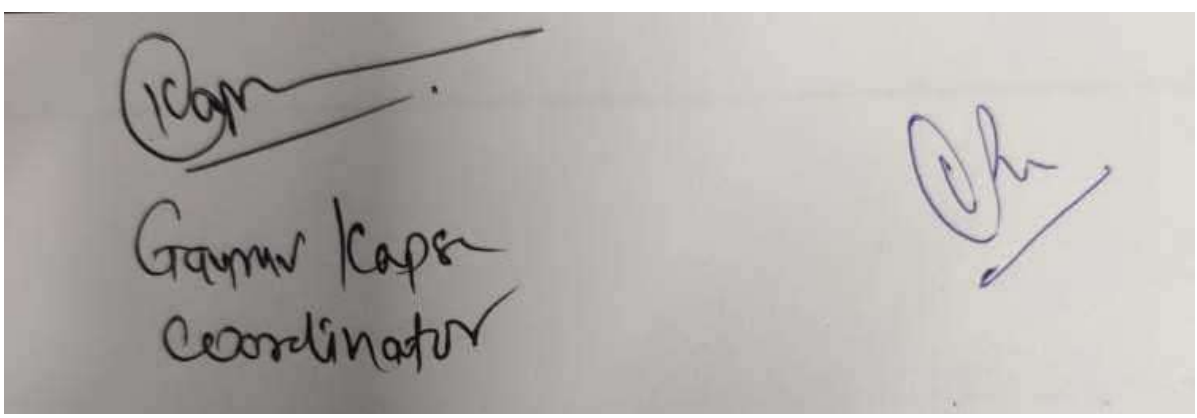
| | |
|---|---|
| **03:00 pm to 04:00 pm** | **Valedictory Function** |




*Figure 1 Welcome to guest speker July 31, 2018*




*Figure 2 Inauguration July 31,, 2018*



**M S Patel DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

**Endowment Chair Activity (31st July to 4th August, 2018)**

**Dr. Auroop Ganguly**

**Professor, Northeastern University, Boston, USA**

# ONE DAY WORKSHOP ON
# "Towards Climate Resilient India"

**Session I**

**The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India**

Venue: RPCP Auditorium

July 31, 2018 (Tuesday)

11:00 a.m. to12:30 p.m.

**ATTENDANCE SHEET FOR PARTICIPANTS**

| Sr. No. | Name | Organization | Designation | Signature |
|---|---|---|---|---|
| 1 | Aarti S Ghate | SVNIT | PhD Research Scholar | |
| 2 | Ashish Kakadiya | Charotar university of science and technology | Student | |
| 3 | Chintan V. Suthar | CSPIT | Student | |
| 4 | Dr. Sheo Bardan Yadav | Anand Agricultural University, Anand | Assistant Professor | |
| 5 | Dr. B. I. Karande | Anand Agricultural University | Assistant Professor | |
| 6 | Aadesh Saraswat | CSPIT,Charusat | student | |
| 7 | Kapil Jain | Charusat University | Civil engineering | |
| 8 | Jenish Ishwarbhai Narola | None | Knowledge | |
| 9 | Prerna Viren Sutariya | Sigma Institute of engineering | Assistant Professor | |
| 10 | Amitbhai Dineshkumar Nai | Colourtex Ind. PVT. LTD. | Environment Engineer | |
| 11 | Drashti Bhatt | A.D.Patel Institute of Technology | assistant Professor | |
| 12 | Chintan Suthar | CSPIT | Student | |
| 13 | Yash Thakar | Work shop | Student | |
| 14 | DIVY RAJESH KANSARA | CSPIT | Charusat student | |
| 15 | Nimesh Kishorbhai Gajera | Charusat University | Student | |
| 16 | Patel Vedant Vinodbhai | CSPIT, CHARUSAT | Student( civil 5th sem) | |
| 17 | Sutariya Maulik Harishbhai | CSPIT | Student | |
| 18 | Hitarth N Dave | Charusat CSPIT civil | Student | |
| 19 | Kadiya Saurabh Dineshkumar | I. I. E. T, Dharmaj | Student | |
| 20 | kadiya saurabh Dineshkumar | I. I. E. T, Dharmaj | Student | |
| 21 | Bhrugeshbharti P. Gosai | CSPIT | Student | |
| 22 | Jotania Kashyap Prakashbhai | CSPIT | Student | |
| 23 | Rahul Karmakar | CSPIT | Student civil | |
| 24 | Dhruv Thummar | CSPIT | Student | |
| 25 | Abhishek shah | Msu, Vadodara | Student | |
| 26 | Mori Manan Rajubhai | MSU-FACULTY OF TECHNOLOGY | ME pursuing | |
| 27 | Bhautik Kanubhai Vekariya | MSU | ME pursuing | |
| 28 | Ishali N. patel | MS UNIVERSITY | ME (Pursuing) IN WRE | |
| 29 | MEHAL JITESHBHAI KOTADIYA | MSU university | ME pursuing | |
| 30 | Chintan Kothari Himansh | M.S.University | Student | |
| 31 | Meghasuman Mahendra Pandit | CSPIT | Student | |
| 32 | Prananj H. Shah | MS University | ME(civil) pursuing | |
| 33 | Shah Shailee Vipulbhai | MSU BARODA | M.E pursuing | |
| 34 | GAMIT JESHMIN MADHUBHAI | | | |

**M S Patel DEPARTMENT OF CIVIL ENGINEERING**
**Chandubhai S Patel Institute of Technology**
**Charotar University of Science and Technology, Changa**
**Endowment Chair Activity (31st July to 4th August, 2018)**
**Dr. Auroop Ganguly**
**Professor, Northeastern University, Boston, USA**

# ONE DAY WORKSHOP ON
# "Towards Climate Resilient India"

**Session I**

**The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India**

| | | | | |
|---|---|---|---|---|
| 35 | PARIKH MANSI MANOJKUMAR | CHARUSAT, Changa | Student | |
| 36 | Prajapati Keyurkumar Maheshbhai | WREMI ( msu) | post graduation student | |
| 37 | Divyarajsinh Jadeja | Msu | Student | |
| 38 | Tirth G. Shah | CSPIT | Student | |
| 39 | Dabhi Hiteshkumar Savjibhai | WREMI(msu) | Post graduation | |
| 40 | Anujkumar Rameshbhai Nayak | chandubhai s patel institute of technology | BE 4th year civil student | |
| 41 | Darshankunar R. Desai | CSPIT | Student | |
| 42 | VISHNUPRIYA PALAKRUTI | Civil | Student | |
| 43 | PRAJAPATI ARVINDBHAI GOVINDBHAI | WREMI(MSU) | POST GRADUATION | |
| 44 | Sutariya Maulik Harishbhai | CSPIT | Student | |
| 45 | Kadiya Saurabh Dineshkumar | I. I. E. T, Dharmaj | Student | |
| 46 | AJAYKUMAR K. MADHU | Water Resources Engineering & Management Institute, The MSU Baroda | PG student | |
| 47 | Divya Arjanbhai Sonagara | M.S. University | ME pursuing in WRE | |
| 48 | KSHATRIYA SANDEEPKUMAR VIRSINGH | M.S. UNIVERSITY | Student | |
| 49 | Soni Dhir Ketulbhai | Charusat uni. | B. Tech civil | |
| 50 | Patel Maurya Vipulkumar | CSPIT | B.E. CIVIL 2ND YEAR | |
| 51 | Dagli Pranay Tusharkumar | Charusat university | B.tech civil | |
| 52 | Parmar Pravinkumar Bhagvanbhai | Msu.baroda | WRE | |
| 53 | SHAIKH MOHAMMED MOHSIN RASULMIYAN | Water resources and Engineering management institute, The MSU baroda | PG student | |
| 54 | Mayank Rajanikant Shah | CSPIT CHARUSAT | Student 2nd Year Btech | |
| 55 | Pratik Parbatbhai Ghevariya | C.S.P.I.T. CHARUSAT | Student | |
| 56 | Aditya Pareshkumar Chauhan | C.S.P.I.T. CHARUSAT | Student | |
| 57 | Kenita Sabu | Civil | Student | |
| 58 | BHORANIYA ADILRAZAK GULABBHAI | CSPIT , CIVIL | Student | |
| 59 | Harsh Khandelwal | CSPIT | Student | |
| 60 | Aviraj V. parikh | CSPIT | Student | |
| 61 | Patel Zeel Bharatbhai | CSPIT | Student | |
| 62 | Kuldeep Baria | CSPIT | Student | |
| 63 | Pranshu Patel | CSPIT | Student | |
| 64 | Mayank Rajanikant Shah | CSPIT CHARUSAT | Civil engineering | |
| 65 | Rutvik Surani | CSPIT | Civil engineering | |
| 66 | Kelvin K. Visaveliya | CSPIT | Civil engineering | |
| 67 | Rikin Patel | CSPIT | Civil engineering | |
| 68 | Yuvrajsinh Sisodiya | CSPIT | Civil engineering | |
| 69 | Jaydip Solanki | CSPIT | Civil engineering | |

**M S Patel DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

**Charotar University of Science and Technology, Changa**

**Endowment Chair Activity (31st July to 4th August, 2018)**

**Dr. Auroop Ganguly**

**Professor, Northeastern University, Boston, USA**

## ONE DAY WORKSHOP ON
## "Towards Climate Resilient India"

### Session I
### The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India

| | | | | |
|---|---|---|---|---|
| 70 | NEVIA VEKARIYA | CSPIT | CIVIL ENGINEERING | |
| 71 | Hemanshi Dilipbhai Patel | CSPIT | Civil | |
| 72 | Helly H. Mehta | C.G.Patel Institute of Technology | Research scholar | |
| 73 | Shubhamgiri Aparnathi | CSPIT CHARUSAT | Student | |
| 74 | PATEL ARPIT RAJESHBHAI | CSPIT | Student | |
| 75 | Soni Harsh J. | Chandubhai s patel institute of science and technology | Student | |
| 76 | DENISH K. GHADIYA | CSPIT | Student | |
| 77 | PARIKH MANSI MANOJKUMAR | ~~CHARUSAT~~, Changa M.S. University | Student | |
| 78 | PAVAN MACHHINDRA PATIL | Eco Envirotech consultant and Engineers | Environmental Engineer | |
| 79 | Bhavesh Chauhan | CSPIT | Student | |
| 80 | Arvish S. Prajapati | CSPIT | Student | |
| 81 | Dafda Rajdip Ramjibhai | CSPIT | Student | |
| 82 | Shah Raj Dipakbhai | CSPIT | Student | |
| 83 | Shlash Rathod | CSPIT | Student | |
| 84 | MEGHANI RUCHITA H. | CSPIT | CIVIL | |
| 85 | Patel Kush Arvindbhai | CSPIT CIVIL | Student | |
| 86 | Patel Keni Prakashbhai | CSPIT civil | Student | |
| 87 | Amin Hardik | CSPIT civil- environments | 4th years | |
| 88 | Modi Jashkumar Viren | CHARUSAT | Student | |
| 89 | FENIL RAMESHBHAI BORAD | CHARUSAT UNIVERSITY | Student | |
| 90 | Vishrut Panchal | CSPIT | B.Tech 3rd sem | |
| 91 | Dhruv S. patel | CSPIT | Student | |
| 92 | Paghadal Rutvik Maheshkumar | CSPIT | Student | |
| 93 | Surajsinh Rajput | CSPIT | Student | |
| 94 | RAJ MANSUKHBHAI TANK | Charusat University | Student | |
| 95 | Dafda Rajdip Ramjibhai | CSPIT | Student | |
| 96 | Deep Ahir | CSPIT civil | Student | |
| 97 | DEVEN MUKESHBHAI JODHANI | CSPIT | CIVIL | |
| 98 | VIDHI PRAFULCHANDRA KUKADIA | CSPIT | CIVIL | |
| 99 | Vaibhav Shah | CSPIT, CHARUSAT | Student | |
| 100 | Sutariya Prerna Viren | Sigma Institue of Engineering | Assistant Professor | |
| 101 | Arshit Rameshbhai Donda | charotar university | student | |
| 102 | Gangani Janakkumar Hasmukhbhai | CSPIT CIVIL | Student | |
| 103 | Bhatt Riddhi Milan | charusat university | student | |
| 104 | Ishan Paresh Jariwala | charusat university | student | |
| 105 | Prachi Patel | CSPIT | Student | |
| 106 | Neha H. Chauhan | CSPIT, CHARUSAT | ASSISTANT PROFESSOR | |
| 107 | Gargi Ray | CSPIT, CHARUSAT | Asst. Prof. | |

**M S Patel DEPARTMENT OF CIVIL ENGINEERING**

**Chandubhai S Patel Institute of Technology**

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**Dr. Auroop Ganguly**

**Professor, Northeastern University, Boston, USA**

# ONE DAY WORKSHOP ON
# "Towards Climate Resilient India"

## Session I

**The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India**

| | | | | |
|---|---|---|---|---|
| 108 | Pinal C. Patel | CSPIT, CHARUSAT | Asst. Prof. | |
| 109 | Megha J. Desai | CSPIT, CHARUSAT | Asst. Prof. | |
| 110 | Mitali Vedanti | CSPIT, CHARUSAT | Assistant Professor | |
| 111 | Abhishek J. Panchal | CSPIT | Student | |
| 112 | Palak P. Patel | PDPIAS | Student | |
| 113 | Ranapara Rahulkumar Rameshbhai | Charusat | Student | |
| 114 | Janki Korde | PDPIAS | Student | |
| 115 | Divyesh kanjibhai sakariya | MSU WREMI | ME(wre) pursuing | |
| 116 | Ravirajsinh gohel | CSPIT | Student | |
| 117 | Vipul Vyas | CSPIT | Assistant professor | |
| 118 | Rathawa Divyang Ravajibhai | The Maharaja Sayajirao University of Baroda | Student | |
| 119 | Jaydeep N. Desai | CSPIT, CHARUSAT | Assistant Professor | |
| 120 | Mr. Ankit Wankawala | CSPIT | Assistant Professor | |
| 121 | Dipali Y. Patel | Civil Department, CSPIT | Assistant Professor | |
| 122 | Jay Kiritkumar Bhavsar | CHARUSAT | Assistant Professor | |
| 123 | Katakiya Mehulkumar | CSPIT | Assistant Professor | |
| 124 | Prakash J. Dabhi | CSPIT-CHARUSAT | Assistant Professor | |
| 125 | Bhargav Bharatbhai Shobhana | CSPIT | Assistant Professor | |
| 126 | Robin Singh | Civil Department, CSPIT | Student | |
| 127 | SARASWATI PATHARIYA C. | Civil Engg.,CSPIT,CHARUSAT | Assistant Professor | |
| 128 | Marvaniya Jagav Arvindbhai | CSPIT | Student | |
| 129 | Rutvik Rudani | CSPIT civil | Student | |
| 130 | Gajera Jay Tulsibhai | CSPIT | Student | |
| 131 | Kela Ujjval Pareshbhai | CSPIT | Student | |
| 132 | Desai Siddhant Vinodbhai | CSPIT | Student | |
| 133 | Sanabanu MohmadHanif Shaikh | CSPIT | Student | |
| 134 | goswami himani ragneshkumar | CSPIT | Student | |
| 135 | Aarat Katara | CSPIT | Student | |
| 136 | Shah Janvi Pareshkumar | CSPIT | Student | |
| 137 | Renu Koshy | CSPIT | Asst Professor | |
| 138 | Yash kapopara | civil department , CSPIT | student | |
| 139 | Vishw Joshi | Civil Department, CSPIT | Student | |
| 140 | Modi Jashkumar Viren | CHARUSAT | Student | |
| 141 | Bhavya Patel | Civil Department, CSPIT | Student | |
| 142 | Simren Dadhania | CHARUSAT | Student | |
| 143 | Dr. Nitinkumar Dashrathbhai Patel | B.A College of Agriculture, Anand Agricultural University, Anand | Assistant Professor | |
| 144 | Devang Patel | CSPIT | Assistant Professor | |
| 145 | katakiya Mehulkumar | CSPIT | Assistant Professor | |
| 146 | Patel smit jayeshbhai | CSPIT civil | | |
| 147 | Pinki sharma | CSPIT | | |
| 148 | Nilima Nakra | GIDM | Asst. Prof. cum Program Manager | |

M S Patel DEPARTMENT OF CIVIL ENGINEERING

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Professor, Northeastern University, Boston, USA

## ONE DAY WORKSHOP ON
## "Towards Climate Resilient India"

### Session I

**The Networked Digital Earth for Urban Resilience and Rural Development to Build a Climate Resilient India**

| | | | | |
|---|---|---|---|---|
| 149 | REPAVI KANJI | GIDM | Research Scientist | |
| 150 | CHINTAN PATHAK | GIDM | Ass Professor. | |
| 151 | ROHAN PATEL | CSPIT | student | |
| 152 | YASH DANIDHARIYA | CSPIT | Student | |
| 153 | Jenish Nanola | CSPIT | Student | |
| 154 | DEVANG A. SHAH | PARUL INSTITUTE | UFTECH. ASST PROF | |
| 155 | VYAS RIDDHI | CSPIT | student | |
| 156 | KRUPALI MOHAN | CSPIT | Student | |
| 157 | Dipika Gajera | CSPIT | Student | |
| 158 | KRISHNA MEHTA | CSPIT | student | |
| 159 | AGRAWAL YASH S. | CSPIT - CL | student | |
| 160 | Dhruvin Kevadiya | CSPIT - CL | Student | |
| 161 | Chintan Suthar | CSPIT - CL | Student | |
| 162 | Munlik Sutariya | CSPIT - CL | Student | |
| 163 | Barasiya Digvijaysinh | CSPIT - CL | student | |
| 164 | Desai Vedy | CSPIT - CL | student | |
| 165 | Lokhandwala Ali | CSPIT - CL | student | |
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CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Accredited Grade "A" by NAAC, Govt of India
Accredited Grade "A" by KCG, Govt of Gujarat

cspit
Chandubhai S Patel Institute of Technology

# A Hands on training on

# "Self Defence Techniques for Women"





On March 2, 2019 - 9:15 AM to 11:15 AM

By

**Master Babu Nair, SHOTOKAN KARATE DO JAPAN KARATE, INDIA**

Affiliated to Karate Association of India, Recognized by Government of India (Ministry of Youth Affairs & Sport)

## "Fight Like A Girl"

### Training Theme:

- *Principles of Self Defence*
- *Crime Prevention Pyramid*
- *Emotional & Physical Problem*
- *Types of Violence & Fighting Criminal Mentality*

Expert will conduct a two-hour workshop teaching and training the women of institution in fundamental to advanced self-defence techniques and strategies. Violence against women is a plague that harms us all. While empowering women to defend themselves is only one small part of a greater solution, it is an integral one.

It's widely understood that the key to elevating any community begins with the empowerment of women - our mothers, daughters and sisters. This training's mission is to give women the confidence and tools to feel safer in today's world while we, all, work on making tomorrow's world healthier, safer and more conscious.

### Organizing Committee:

Ms. Pinki Sharma

Ms. Megha Desai

Ms. Pinal Patel

### Organized By

**M. S. Patel Department of Civil Engineering,**

**Chandubhai S. Patel Institute of Technology, CHARUSAT, Changa- 388 421**

# CHARUSAT UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHANGA – 388 421

**EQUAL OPPORTUNITY CELL**

# Event Report

**Name of Department/Institute:** M S Patel Department of Civil Engineering, CSPIT

**Name of Activity:** Hands on training on **"Self Defence Techniques for Women"**

**Date and Time of Activity :** March 2, 2019 – 9:15 AM to 11:15 AM

**Coordinator of Activity :** Ms. Megha Desai / Ms. Pinal Patel / Ms. Pinki Sharma

**Resource person details:**

| Sr. No. | Name of the resource person | Organization of resource person |
|---|---|---|
| 1. | Mr. Babu Nair | President- Shotokan karate Do Japan Fedaration India<br>Chief instructor (National coach), |
| 2. | Srushti Vyas | Assistant Instructor, SKJF |

**Schedule of Activity:**

| Date | Time | Session | Activity |
|---|---|---|---|
| **02-03-2019** | 09:15 am to 09:30 am | Registration | |
| | 9:30 am to 11:30 am | Provide training on Self Defence Techniques for Women | Hands on Training |
| | 11:30 to 11:45 | Refreshment | |

**Summary of the Event (Maximum 200 words):**

A hands on training was covered all the aspects of Self Defence techniques to educate and inform our female participants about how to avoid becoming a victim of crime. The expert especially focused on to teach simple body mechanics, human vulnerability points, improvised weapons and how to use physical aggression to defend oneself in the event of an attack. Proper planning has been done to make the session interactive, fruitful and meaningful from expert as well as coordinators. This interactive session was conducted while dividing total participants into different groups, wherein they have been asked to defend themselves under particular situation given to them. All the participants involved themselves positively and the entire session was successfully enjoyed by both, the expert as well as the participants.

**Registration fee (if any):** No registration fees

**List of Participants:**

| Sr. No. | Name of participant | ID No./ Employee code | Signature |
|---|---|---|---|
| 1. | (LIST ATTACHED SEPERATELY) | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |

**Number of female students participated in activity: 04**

**Number of teaching staff participated in activity: 20**

**Number of non- teaching staff participated in activity: 02**

**Organizing body: (Equal Opportunity Cell)**

**Collaborating agency (If any): NA**

**Name of the scheme (If any): NA**

**Total Budget sanctioned for the activity: INR 9800/-**

List of participants for Self Defense Techniques for Women

| SR NO | NAME OF PARTICIPANT |
|---|---|
| 1 | MEGHA DESAI |
| 2 | MEGHANA MEHTA |
| 3 | DIPAL SHETH |
| 4 | GLORY JAYESH VAGHELA |
| 5 | HINANI RABARI |
| 6 | POOJA V PAREKH |
| 7 | MITTAL DESAI |
| 8 | RATHOD SONAL |
| 9 | HEMAL PAREKH |
| 10 | SHAH HETAL JITENDRABHAI |
| 11 | SARASWATI PATHARIYA |
| 12 | KANCHAL DAVE |
| 13 | HETAL DESAI |
| 14 | BINAL JOSHI |
| 15 | FORAM PATHAK |
| 16 | VIBHA PARMAR |
| 17 | RENU KOSHY |
| 18 | BHARVI S. BHUT |
| 19 | SHRADDHA MEHTA |
| 20 | VIBHUTI PATEL |
| 21 | PINKI SHARMA |
| 22 | MITALI VEDANTI |
| 23 | KRUTI DHYANI |
| 24 | MAYURI POPAT |
| 25 | RANI THAKKAR |
| 26 | HITESHRI SHASTRI |

**Overall impact of workshop: Excellent/**Very Good/Good/Average/Poor

**Photographs of the event with captions (at least six photographs):**




**Participants March 2, 2019 – 9:15 AM to 11:15 AM**







**Felicitating the expert March 2, 2019 – 9:15 AM to 11:15 AM**












**Activity during the workshop March 2, 2019 – 9:15 AM to 11:15 AM**

CHARUSAT

Pinki Sharma <pinkysharma.cv@charusat.ac.in>

# Fwd: Registration Form for One Day Workshop on " Soft Computing Skills in Surveying"

1 message

**Saraswati Pathariya** <saraswatipathariya.cv@charusat.ac.in> Tue, Apr 13, 2021 at 10:31 AM
To: Pinki Sharma <pinkysharma.cv@charusat.ac.in>

---------- Forwarded message ---------
From: **Saraswati Pathariya** <saraswatipathariya.cv@charusat.ac.in>
Date: Thu, Sep 6, 2018 at 2:49 PM
Subject: Registration Form for One Day Workshop on " Soft Computing Skills in Surveying"
To: <17cl@charusat.edu.in>, <16CL010@charusat.edu.in>, <16cl103@charusat.edu.in>, <16cl011@charusat.edu.in>, <16cl046@charusat.edu.in>
Cc: Kanchal Dave <kanchaldave.cv@charusat.ac.in>, Prakash Dabhi <prakashdabhi.cv@charusat.ac.in>

Dear all ,
This is to inform you all that M. S . Patel Department of Civil Engineering is organizing the One Day Workshop on " Soft Computing Techniques in Surveying" on **08/09/2018 (Saturday)**
I request you all to kindly register yourself for this workshop by filling this form before **07/08/2018.**

Registration fees: 100 rs (this amount is refundable at the completion of workshop)

Submit your registration amount in room no 615
Maximum number of participants is 50 (priority will be given on the first come basis)
Kindly register yourself and in case of any query you may contact to Ms. Saraswati Pathariya and Ms. Kanchal Dave.

Thanks & regards

**NOTE:- Students who have already registered themselves are requested to submit the Registration Fees by Tomorrow. Otherwise your registration will not be consider.**

--
SARASWATI PATHARIYA
**M.Tech (Geotechnical Engineering)**
**Assistant Professor,**
**M.S. Patel Department of civil engineering,**
**Chandubhai S Patel Institute of Technology,**
**Charotar University of Science and Technology**
**Changa-388421, ANAND, Gujarat.**
Ext. No.- 5236

--
SARASWATI PATHARIYA
**Assistant Professor,**
**M.S. Patel Department of Civil Engineering,**
**Chandubhai S Patel Institute of Technology,**
**Charotar University of Science and Technology**
**Changa-388421, ANAND, Gujarat.**
Ext. No.- 5236

# CHARUSAT UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHANGA – 388 421

## Chandubhai S. Patel Institute of Technology

### M. S. Patel Department of Civil Engineering

# Event Report

**Name of Event: One Day Workshop on " Soft Computing Skills in Surveying"**

**SUBJECT: Surveying CL242 (3rd semester of B.Tech Civil Engg.)**

**Date and Time of Event : 08th Sept 2018, Saturday, 9:15 to 4:15 pm**

**Event coordinator : Mr. Prakash Dabhi**

**Ms. Saraswati Pathariya**

**Ms. Kanchal Dave**

**Resource person details (if any):**

| Sr. No. | Name of the resource person | Organization of resource person |
|---|---|---|
| 1 | **Mr. Nirav Sharma** | Krishna Cadd Centre |

**Event Schedule:**

| Date | Time | Session |
|---|---|---|
| 08th Sept 2018 | 9:15 am - 9:30 am | Breakfast |
| | 9:30 am – 11:00 am | **Session I:** Introduction to AutoCAD |
| | 12:00 pm – 12:30 pm | Lunch Break |
| | 12:30 pm – 4:00 pm | **Session II:** Drafting of Surveying work with AutoCAD |

| | | |
|---|---|---|
| | 4:00 pm to 4:15pm | Certificate Distribution |

**Summary of the Event (Maximum 200 words):**

Mr. Nirav Sharma has a rich experience of 10 years in the field of providing training to the student regarding the different softwares used in civil engineering. This one day workshop has the objective to make student familiar with the software " AutoCad" and make them capable of working on this software. In this event student have been trained on this software by hands-on Session. The students were trained about the different features of Autocad software , how does it works what are the different function available in software and how to use that was informed to them.
The students were trained to prepare the profile leveling data and contouring data on Autocad. They were explained about the estimation of areas under different traverse conditions. They were given the training for setting out of building plan. The overview of Revit software was also given to student.
At the end of this workshop participants were able to work on the autocad software were easily.

**Registration fee ( if any):------ No----------**

**No. of Participants: 33**

**List of Participants: Enclosed**

| Sr. No. | Name of participant | ID No. |
|---|---|---|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |

**Amount sanctioned by CSPIT/CHARUSAT: 6500/- ( Six thousand five hundred only)**

**Accounts details:**

| Sr. No. | Details | Rupees |
|---|---|---|
| **Income ----------NIL----------** | | |
| 1. | | |
| 2. | | |
| 3. | | |
| **Expenses** | | |
| 1. | TA | 1500/- |

| | | |
|---|---|---|
| 2. | Remuneration | 2000/- |
| **Total** | | **3500/-** |

**Overall impact of workshop: Excellent**/Very Good/Good/Average/Poor

**Photographs of the event with captions:**



Concluding Photo_8/9/2018



Group Photo of Session_8/9/2018





Working on AUTOCAD_8/9/2018



Plotting of profile_8/9/2018

Coordinator Sign:_____

1.(Mr. Prakash Dabhi)

2.( Ms. Saraswati Pathariya)

3. (Ms.Kanchal Dave)

Head of Department Sign:

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Faculty of Technology & Engineering

### ACADEMIC YEAR 2018-19

### Workshop on "SOFT COMPUTING SKILLS IN SURVEYING"

### ATTENDENCE SHEET

| Sr. No. | Id. No. | Name | Semester | Mobile No. | Signature |
|---|---|---|---|---|---|
| 1 | 17CL054 | Kush A Patel | 3 | 9726989061 | |
| 2 | 17CL053 | Patel Keni Prakashbhai | 3 | 8140348969 | |
| 3 | 17CL041 | Pandya Devanshu | 3 | 8401189630 | |
| 4 | 17CL023 | Suresh Jethvani | 3 | 9687054861 | |
| 5 | 17CL088 | Malav Solanki | 3 | 9712948387 | |
| 6 | 17CL044 | Apurva Patel | 3 | 9925911220 | |
| 7 | 17CL071 | Ranapara Rahulkumar | 3 | 7048358750 | |
| 8 | D18CL116 | Der Mohit R | 3 | 96871 09499 | |
| 9 | 17CL007 | Digvijaysinh Borasiya | 3 | 8141344965 | |
| 10 | D18CL106 | Ajay Patel | 3 | 9426092224 | |
| 11 | D18CL113 | Shah Vaibhav O | 3 | 7283842990 | |
| 12 | D18CL114 | Barot Jainish | 3 | 9824053351 | |
| 13 | D18CL122 | Akash B. Shiyal | 3 | 8141897467 | |
| 14 | 17CL056 | Patel Maurya Vipulkumar | 3 | 9408365566 | |
| 15 | 17CL090 | Soni Dhir Ketulbhai | 3 | 9558411662 | |
| 16 | 17CL003 | Deep Ahir | 3 | 7874612665 | |
| 17 | 17CL008 | Bhavesh Chauhan | 3 | 7567716680 | |
| 18 | D18CL110 | Vaghasiya Rutvik Alpeshbhai | 3 | 9925433122 | |
| 19 | D18cl111 | Kumawat Manish P | 3 | 9033483480 | |
| 20 | D18cl112 | Patel Bhautik A. | 3 | 8460060020 | |
| 21 | D18cl121 | Patel Milan S. | 3 | 9624471042 | |
| 22 | D18CL104 | Dhrumil Modi | 3 | 9054545436 | |
| 23 | D18CL105 | Mehul Prajapati | 3 | 9723360162 | |
| 24 | D18CL109 | Sahil Harpal | 3 | 9428940762 | |
| 25 | D18CL123 | Pateliya Samir | 3 | 8153060753 | |
| 26 | Faculty | Prakash J. Doabia | Faculty | – | |
| 27 | 17CL004 | Shubham Apesmathi | 3 | 9687696919 | |
| 28 | Faculty | Saraswati Pathariya | | – | |
| 29 | 8232 | Kanchal Dave | Faculty | – | |
| 30 | 17CL030 | Pabitrajit Lahkhani | 3 | 9825635207 | |
| 31 | 8311 | Priti Chourmel | – | – | |
| 32 | Faculty | Gaurav Kapse | Faculty | 9730229301 | |
| 33 | 0468 | Sandip valand | Coordinator | 9879435263 | |
| 34 | | | Tech | | |
| 35 | | | Tech | | |
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**Chief Patron:**
Shri. Surendrabhai Patel, President, CHARUSAT

**Patron:**
Dr. M. C. Patel, Secretary, Kelvani Mandal
Dr. Pankaj Joshi, Provost, CHARUSAT

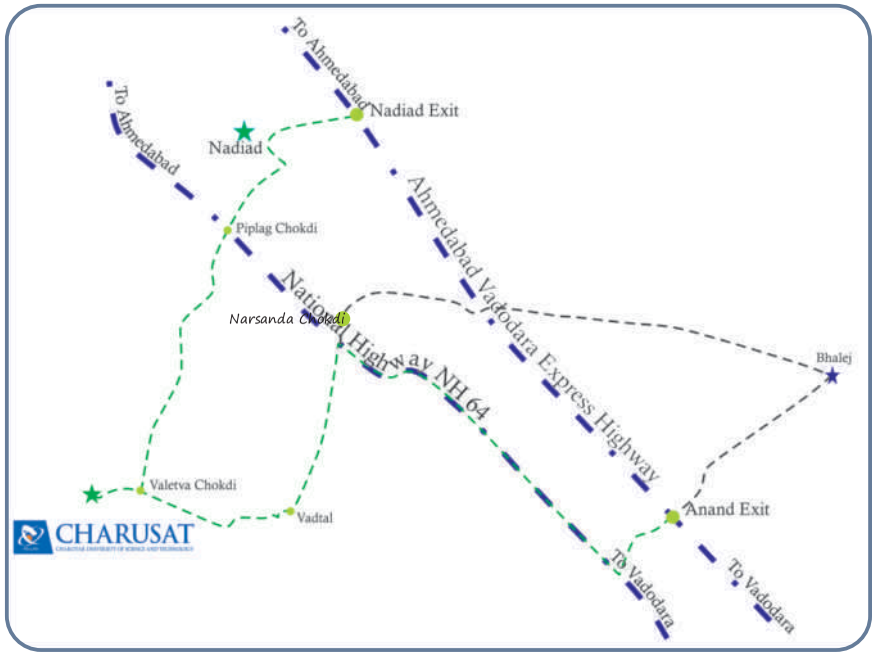
**President:**
Dr. A. D. Patel, Principal, CSPIT

**Programme Chair:**
Dr. Amit Ganatra, Dean, FTE

**Programme Convener:**
Dr. V. R. Panchal, Professor & Head, Department of Civil Engineering

**Programme Coordinators:**
Dr. Hiteshri K. Shastri, Associate Professor, Civil Engineering, CSPIT
Mr. Gaurav Kapse, Assistant Professor, Civil Engineering, CSPIT

## How to Reach






# A Short Term Training Programme on

# Capacity Building for Interdisciplinary Research on Climate Change

Supported by The Science and Engineering Research Board (SERB), Department of Science and Technology (DST), GoI and The Gujarat Council on Science and Technology (GUJCOST), GoG

**3rd - 8th December, 2018**




Organized by:
M. S. Patel Department of Civil Engineering,
Chandubhai S. Patel Institute of Technology [CSPIT],
Charotar University of Science and Technology [CHARUSAT],
CHARUSAT Campus, Changa - 388 421, Dist: Anand (Gujarat)

## Glimpses of the University

Charotar University of Science and Technology (CHARUSAT) is established under the promulgation of Gujarat Private Universities Act, 2009. The University is empowered to confer degrees under section 22 of the UGC Act 1956. CHARUSAT owns the distinction of being the first private University in the State of Gujarat to be accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade in the first cycle.

CHARUSAT under its ambit nurtures six faculties, nine Institutes and three Centers (within the constituent institutes), offering seventy different UG, PG, and Doctoral Programmes. The faculties include Faculty of Technology and Engineering, Faculty of Pharmacy, Faculty of Computer Science & Applications, Faculty of Management Studies, Faculty of Applied Sciences and Faculty of Medical Sciences.

CHARUSAT at the same time emphasises on science and technology with bench marking of the highest international standards while taking stock of the national needs, demands and issues. Training for scientific research as well as entrepreneurship development are the two major considerations emphasized at CHARUSAT.

## About Organizing Department

The M. S. Patel Department of Civil Engineering is established in the year 2008 to impart quality education and conduct research in Civil Engineering to cater to the rising needs and demands of society. The Department has constantly been equipping itself with technological advancements of national priority and flexibly adapting to changing scenario in the field of Civil Engineering.

## About the STTP

The Short Term Training Programme on "Capacity Building for Interdisciplinary Research on Climate Change" will feature eminent speakers working in the field of climate science from many schools and centers across the country. The programme is planned to provide an interdisciplinary experience for participants interested in extreme weather and climate change. Speakers will touch on a wide range of topics, such as floods and droughts, heat waves, big data processing, role of remote sensing, urban climate, disease transmission, energy resilience, etc. which are featured in sessions with breaks and discussion throughout the 6 days programme. Time scales from weather to the quaternary will be addressed in the presentations. The programme is intended for all in academia, government, and the private sector with an interest in understanding the interdisciplinary science behind understanding the climate change, predictability of extreme weather and climate, and in developing early warning products. The specific objectives of the porgramme are to:

- Understand climate effects in the Southern Asia and India by bringing together specialists from diverse fields including physical, social, and biological sciences.
- Provide a platform to participants to interact with scientists from around the nation, therefore to act as capacity building for national as well as global climate change research.
- Showcase latest interdisciplinary research on climate change and provide opportunities for networking and unstructured discussion.



## Outcomes of the STTP

After completing the STTP, participants are expected to:

- Learn relevant approaches, methods and tools for climate change research; Acquire good knowledge on designing monitoring and evaluation frameworks;
- Identify regional issues and approaches on climate change;
- Understand the menu of available support, such as computational facility, data accessibility, etc. and how to align and link the same to formulate and implement their own research problems

## Major Programme Contents

- Research Trends in Climate Change
- Hydro-Climatology and Indian Monsoon
- Risk Analysis and Uncertainty Modelling
- Downscaling for Regional Climate Impact Assessment
- Chemical Transport Modelling & Aerosol Climate Impacts
- Biophysical Interaction in the Marin Ecosystem
- Performance of Global Climate Model Over India
- Climate Change & Climate Variability
- Availability of National Supercomputing facilities for scientists and researchers
- Fine Resolution Precipitation Projection
- Water-Food -Energy-nexus in Indian
- Decadal comparison of rainfall seasonality index in Gujarat
- Geometics and climate change - Opportunities, Progress and Challenges

## Resource Persons

The STTP will feature eminent speakers working in the field of Climate Science, Environment & Civil Engineering from many schools and centres across the country.

## Registration

Registration for the STTP can be done through the Google form:
https://goo.gl/forms/7ILTXB7xAZJEJ6we2

### Registration Fees

Students: Rs. 600/-
Faculty Members/ Industry Personnels: Rs. 1200/-

The registration fee includes programme material, participation kit, breakfast, lunch and tea. Registration fee is non-refundable.
Registration fee can be paid by Cash or Online Transfer as per following details:
Account Name: Charotar University of Science and Technology
Bank: SBI, Changa, Account No: 30875081005, IFSC: SBIN0010961

## For More Information

Dr. Hiteshri K. Shastri (+91 8879 137964)
Mr. Gaurav Kapse (+91 9730 229304)
Emails: hiteshrishastri.cv@charusat.ac.in
gauravkapse.cv@charusat.ac.in

Schedule for SERB and GUJCOST Sponsored Six Days Short Term Training Programme on

***Capacity Building for Interdisciplinary Research on Climate Change (December 3-8, 2018)***

***Venue: Room no 127, Ground Floor, RPCP Building, CHARUSAT***

| Date and Time | Breakfast & Tea (09:00 AM to 09:30 am) | 09:30 am – 11:00 am | Short Break (11 :00 am to 11:15 am) | 11:15 am – 12:45 pm | Lunch Break (12:45 pm to 01:30 pm) | 01:30 pm – 03:00 pm | Tea Break (03:00 pm to 03:15 pm) | 03:15 pm – 04:15 pm |
|---|---|---|---|---|---|---|---|---|
| 1st Day **Mon 3 Dec 2018** | | **Registration and Tea (9:00 am - 10:00 am) Inauguration (10:00 am - 11:00 am)** | | Understanding Natural Variability of Indian Summer Monsoon Rainfall (Dr. Amey Pathak, IITKgp) | | Understanding Natural Variability of Indian Summer Monsoon Rainfall (Dr. Amey Pathak, IITKgp) | | Climate Change and its Impact - Global as Well as National Perspectives (Dr. Vyas Pandey, AAU, Anand) |
| 2nd Day **Tues 4 Dec 2018** | | Air Pollution and Health Impacts in Changing Climate (Dr. Sagnik Dey, IITD) | | Air Pollution and Health Impacts in Changing Climate (Dr. Sagnik Dey, IITD) | | Regional Simulations of Indian Monsoon (Dr. Shashikanth Kulkarni, Osmania University, Hyderabad) | | GCM Data and Future Climate Conditions (Dr. Shashikanth Kulkarni, Osmania University, Hyderabad) |
| 3rd Day **Wed 5 Dec 2018** | | Remote Sensing Data Availability and Applications in Climate Studies (Dr. Hiren Mevada, CSPIT, CHARUSAT) | | Application of R Statistical Tools in Big Data Processing (Dr. Dharmendra Patel, CMPICA, CHARUSAT) | | Climate Change & Its Impact on Rainfall and Rainfall-Runoff Correlations in River Basin (Dr. Geeta Joshi, Faculty of Techno. and Engg., MSU, Vadodara) | | Climate Change and Human Health (Dr. Dinesh Kumar, Pramukhswami Medical College, Karamsad) |
| 4th Day **Thurs 6 Dec 2018** | | Statistical Analysis of Change (Prof. Ganesh Kale, SVNIT Surat) | | Statistical Analysis of Change (Prof. Ganesh Kale, SVNIT Surat) | | Exploring Computing in the field of climate applications (Dr. Ritesh Patel, CSPIT, CHARUSAT) | | Climate change and Variability (Dr. Sanskriti Mujumdar, Faculty of Techn. and Engg., MSU, Vadodara) |
| 5th Day **Fri 7 Dec 2018** | | Climate Variability and Climate Change: Extremes, Their Manifestation, and Their Societal Impact (Dr. Kamal Murari, Tata Inst. of Social Sciences, Mumbai) | | Climate Variability and Climate Change: Extremes, Their Manifestation, and Their Societal Impact (Dr. Kamal Murari, Tata Inst. of Social Sciences, Mumbai) | | Climate Data and Climate Variables for Economic Analysis (Dr. Manisha Jain, Indira Gandhi Institute of Development Research, Mumbai) | | Climate Data and Climate Variables for Economic Analysis (Dr. Manisha Jain, Indira Gandhi Institute of Development Research, Mumbai) |
| 6th Day **Sat 8 Dec 2018** | | High Performance Computing Applications to Climate Modelling (Dr. Nitin Patil, HP India, Bengaluru) | | Active Relation of Physical Planning and Climate Change (Dr. Chetan Patel, Section Head, Urban Planning, SVNIT) | | Urban Heat Islands : Impacts, Assessment and Mitigation (Dr. Anurag Kandya, PDPU, Gandhinagar) | | **Valedictory Function** |

## Programme Experts:

1. **Dr. Sagnik Dey, Associate Professor, Centre for Atmospheric Sciences, IITD**
2. **Dr. Amey Pathak, Assistant Professor, Agricultural and Food Engineering, IIT Kharagpur**
3. **Dr. Nitin Patil, HPC Applications Specialist, Hewlett Packard Enterprise, Bengaluru**
4. **Dr. Shashikanth Kulkarni, Associate Professor, Civil Engineering, Osmania University, Hyederabad**
5. **Dr. Ganesh Kale, Assistant Professor, Civil Engineering Department, SVNIT, Surat**
6. **Dr. Kamal Murari, Assistant Professor, Centre for Climate Change and Sustainability Studies , TISS, Mumbai**
7. **Dr. Manisha Jain, Visiting Assistant Professor, Indira Gandhi Institute of Development Research, Mumbai**
8. **Dr. Chetan Patel, Section Head, Urban Planning, SVNIT, Surat**
9. **Dr. Vyas Pandey, Emeritus Scientist (ICAR), Ex-Professor and Head, Agricultural Meteorology, AAU, Anand**
10. **Dr. Sanskriti Mujumdar, Associate Professor , Faculty of Technology and Engg., MSU, Vadodara**
11. **Dr. Geeta Joshi, Associate Professor, Faculty of Technology and Engg., MSU, Vadodara**
12. **Dr. Anurag Kandya, Assistant Professor, School of Technology, PanditDeendayal Petroleum University, Gandhinagar**
13. **Dr. Dinesh Kumar, Pramukhswami Medical College, Karamsad**
14. **Dr. Hiren Mevada, Associate Professor, CSPIT, CHARUSAT**
15. **Dr. Ritesh Patel, Associate Professor, CSPIT, CHARUSAT**
16. **Dr. Dharmendra Patel, Associate Professor, CMPICA, CHARUSAT**

***Brief report on Short Term Training Programme on: Capacity Building for Interdisciplinary Research on Climate Change***

(Financial Assistance to Seminar / Symposia)

1. **Name of Academic Institution / University / Society etc. under whose auspices the Seminar / Conference / Workshop / Symposium etc. was organized:** M. S. Patel Department of Civil Engineering, CSPIT, Charotar University of Science & Technology, Changa

2. **Title of the Seminar / Conference / Workshop / Symposium etc.:** "Capacity Building for Interdisciplinary Research on Climate Change"

3. **Duration / Period of the organized event**: 03-08 December, 2018 (6 days)

4. **Grant Sanctioned:** Rs 1,00,000/-

5. **Summary of the event (Max. 1000 Words):**

The M. S. Patel Department of Civil Engineering, C. S. Patel Institute of Technology (CSPIT), Charotar University of Science and Technology (CHARUSAT) organized a Six Days Short Term Training Programme (STTP) on "Capacity Building for Interdisciplinary Research on Climate Change", from December 3 - 8, 2018. The STTP comprised of 22 sessions spanning over a time period of six days. Eminent professional from different fields of engineering and science from reputed institutes of India, were invited as experts speakers to cover the wide range of topics justifying the proposed topic of Interdisciplinary Research in Climate Change.

The STTP was held on the concept of bringing together the professionals, research scholars and faculty members to discuss the probable solution for improving the recent scenarios of extreme weather, climate change, human activities, health impacts, etc. with the collaborative and interdisciplinary research. Talks delivered by the expertise involved the wide range of topics, such as impact on health due to climate change, heat waves, big data processing, role of remote sensing, urban climate, disease transmission, energy resilience, pollution, to name a few through interactive sessions and discussions.

The STTP was inaugurated on 3rd December, 2018 by Dr. Pankaj Joshi, Provost, CHARUSAT. Dr. Joshi expressed a deep concern over the present alarming changes in climate observed in different parts of the world, and motivated the participants to actively contribute in the research taking maximum benefits of the sessions to offer solutions to the situation.

The inaugural function ended with the vote of thanks by Dr. V. R. Panchal, Head, M. S. Patel Department of Civil Engineering and National anthem.

After the inaugural function Dr. Amey Pathak (Assistant Professor, Department of Agriculture and food Engineering, IIT Kharagpur, WB) initiated the talk on topic "Understanding Natural Variability of Indian Summer Monsoon Rainfall". This talk elaborated on present scenario and challenges in climate, global cycles of climate system, challenges towards predictability of Indian monsoon, and development of models to study precipitation recycling and precipitation variability. The second session of day 1 was taken by Dr. Vyas Pandey (Professor Emeritus, Department of Agricultural Meteorology, Anand Agricultural University, Gujarat) on the topic "Climate Change and its Impact -Global as Well as National Perspectives". His talk elaborated the different aspect of large scale climate changes as observed on the continental scale to the regional scale climate change. The talk also focussed upon the case studies on crop model simulation and effect of crop growth/crop yield with cultivation under changing climate.

The first talk of day 2 was presented by Dr. Sagnik Dey (Associate Professor, Centre for Atmospheric Sciences, IIT Delhi). This talk emphasized the topic of "Air Pollution and Health Impacts in Changing Climate" covering the aspects of optical measurement of particulate matter, urban development and pollution, shift in heat zones, toxicity comparison and health effect from different sources of air pollution. The second talk of day 2 was delivered by Dr. Shashikant Kulkarni, (Associate Professor, Department of Civil Engineering, Osmania University, Hyderabad). This talk on topic "Regional Simulations of Indian Monsoon" and "GCM Data and Future Climate Conditions" discussed the General Circulation Models (GCM) which depicts climate at coarser resolution and the application of downscaling methodology to study effect of climate change at regional scale.

On the third day, 5$^{th}$ December 2018, the first talk was taken by Dr. Hiren Mevada, (Associate Professor, Department of Electronics & Communication, CSPIT, CHARUSAT). This talk entitled "Remote Sensing Data Availability and Applications in Climate Studies" presented the fundamentals of remote sensing, image processing, and interpretation of climate parameters from image analysis. In the second session of third day the participant were given a hands-on training on R software by Dr. Dharmendra Patel (Associate Professor, CMPICA, CHARUSAT). R is a widely used statistical tool for climate data analysis.

This session explained a complete training right from obtaining and installing the software to the useful resources of R to study climate change. Dr. Geeta Joshi (Associate Professor, Department of Civil Engineering, MSU, Baroda) delivered third session of the day on topic on "Climate Change & Its Impact on Rainfall and Rainfall-Runoff Correlations in River Basin". Dr. Geeta explained correlation between catchment hydrology and rainfall-runoff for Karjan reservoir basin in Gujarat. Last session of day 3 entitled "Climate Change and Human Health" was covered by Dr. Dinesh Kumar (Associate Professor, Department of Community Medicine, Pramukhswami Medical College, Karamsad). Dr. Kumar focused on Climate change and health aspects with respect to WHO Strategies emphasising the need of research in the area of community health and climate change.

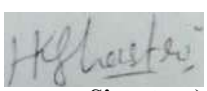
The fourth day session one was delivered by Dr. Ganesh Kale, (Assistant Professor, Department of Civil Engineering, SVNIT, Surat). Dr. Kale covered statistical analysis of climate data to access change with a hands on session on running simulations. Dr. Ritesh Patel (Associate Professor, Department of Computer Engineering, CSPIT, CHARUSAT) covered the topic of "Exploring Computing in the field of climate applications". He provided an insight and knowledge on High Performance computing and Grid computing of large data which can be useful for computationally expensive analysis/modelling of climate data. Dr. Sanskriti Mujumdar (Associate Professor, Department of Civil Engineering, MSU, Baroda) presented talk on the topic "Climate change and Variability". The case studies with assessment of changes in monsoon rainfall through intensity duration frequency analysis and development of Urban Heat Islands was covered with the talk.

The fifth day, the sessions started with a talk from Dr. Kamal Murari (Assistant Professor, Centre for Climate Change and Sustainability Studies, TISS, Mumbai). Topic of the talk was "Climate Variability and Climate Change: Extremes, Their Manifestation, and Their Societal Impact". Dr. Murari stressed upon the areas of climate Variability, Global Temperature Anomaly, Global Carbon Flow, Ocean Heat control. In the second session of the day Dr. Manisha Jain, (Visiting Assistant Professor, Indira Gandhi Institute of Development Research, Mumbai) talked about economic aspects of Climate change mitigation, McKinsey cost of GHG abatement curve, use of technology Policy and Pricing Policy in Climate change under the topic "Climate Data and Climate Variables for Economic Analysis".

The concluding day featured a talk by Dr. Nitin Patil (HPC Applications Specialist, Hewlett Packard Enterprise, Bengaluru) on the topic "High Performance Computing Applications to Climate Modelling".

He spoke about application about HPC in study of regional model and global model on climate change. Dr. Anurag Kandya (Assistant professor, school of technology, PDPU, Gandhinagar) delivered second talk of the day on the topic "Urban Heat Islands: Impacts, Assessment and Mitigation" where he explained sustainability of resources, surface heat islands, canopy heat islands and the need of model based microclimate studies to understand the role of local evaporative cooling and restoration of water bodies. Dr. Chetan Patel (Section Head, Urban Planning, SVNIT) delivered the last talk of six days program on the topic "Active Relation of Physical Planning and Climate Change" where he identified heat sources and heat sinks. He bought insight of the role of open spaces in heat decapitation making strong recommendation on provision of ventilation corridors along heat sources.

At the end of the six days fulfilling sessions of STTP, Dr. Hiteshri Shastri, Associate Professor, Civil Engineering Department provided highlights of different sessions, inviting all the participants to stay connected with the experts speakers and the STTP group for through research endeavours. The Certificates were presented to all participants of the STTP and the valedictory function ended with vote of thanks on 8th December, 2018. Overall the STTP was a grand success.



**(Convener Signature)**

**Participation Information:**

| Sr. No. | Participation in the Event | Nos. |
|---|---|---|
| **I.** | Key-note speakers | **16** |
| **II.** | Senior Scientist | **01** |
| **III.** | Young Scientist | **03 (Research scholar/assistants)** |
| **IV.** | Postgraduate Students | **03** |
| **V.** | Undergraduate Students | **01** |
| **VI.** | Industry persons | **-** |
| **VII.** | Other category (Faculty Members) | **25** |

SERB AND GUJCOST SPONSORED SIX DAYS SHORT TERM TRAINING PROGRAMME ON

# "CAPACITY BUILDING FOR INTERDISCIPLINARY RESEARCH ON CLIMATE CHANGE"

**December 03, 2018 to December 08, 2018**
**Participant List**

| Sr. No | Full Name |
|---|---|
| 1 | HEMAL S PAREKH |
| 2 | BHARGAV SHOBHANA |
| 3 | MITALI VEDANTI |
| 4 | MEGHA DESAI |
| 5 | PINAL C PATEL |
| 6 | ANKIT WANKAWALA |
| 7 | NEHA HIRENSINH RAJPUT |
| 8 | KANCHAL DAVE |
| 9 | SARASWATI PATHARIYA |
| 10 | PINKI SHARMA |
| 11 | DIPALI Y. PATEL |
| 12 | PRAKASH. J. DABHI |
| 13 | JAYDEEP N. DESAI |
| 14 | ARJAV BINDESH SHASTRI |
| 15 | JAY KIRITKUMAR BHAVSAR |
| 16 | DEVANG PATEL |

SERB AND GUJCOST SPONSORED SIX DAYS SHORT TERM TRAINING PROGRAMME ON

# "CAPACITY BUILDING FOR INTERDISCIPLINARY RESEARCH ON CLIMATE CHANGE"

**December 03, 2018 December 08, 2018**
**Participant List**

| Sr. No | Full Name |
|---|---|
| 17 | VIPUL VYAS |
| 18 | RENU KOSHY |
| 19 | MEHULKUMAR KATAKIYA |
| 20 | SAMARTH BHATIA |
| 21 | NIRPEX AMRUTLAL PATEL |
| 22 | KHUSBOO PANDEY |
| 23 | KAMESH VISWANATHAN BASKARAN |
| 24 | PATEL AKASH SURESHCHANDRA |
| 25 | GANESH GUPTA |
| 26 | DR.DHRUVESH K MATHUR |
| 27 | DAKSH HARMENDRABHAI SONI |
| 28 | JAINY P SHAH |
| 29 | DHAVEN VRAJLAL RUGHANI |
| 30 | AARTI GHATE |
| 31 | GAJANAN SHANKARRAO PATANGE |
| 32 | DR. KAMLESH KUMAR TIWARI |

SERB AND GUJCOST SPONSORED SIX DAYS SHORT TERM TRAINING PROGRAMME ON

# "CAPACITY BUILDING FOR INTERDISCIPLINARY RESEARCH ON CLIMATE CHANGE"

**December 03, 2018 December 08, 2018**
**Participant List**

| Sr. No | Full Name |
|---|---|
| 33 | DR SEEMA AMIN |
| 34 | MANAN RAJUBHAI MORI |
| 35 | KOTHARI CHINTAN |
| 36 | DR. V R PANCHAL |

**Photographs Section:** Please paste high resolution photographs in given spaces below or may be submitted directly on online / email in JPEG format.

**1. Inaugural Session**




**2. General Photograph**



**3. General Photograph**



**4. General Photograph**




**(Convener Signature)**

NOTE- CONSOLIDATED REPORT OF THE APPROVED EVENT MAY BE SUBMITTED ONLINE / EMAIL WITH HIGH RESOLUTION PHOTOGRAPHS PASTED IN THE REPORT OR SUBMITTED DIRECTLY IN JPEG FORMAT.

CHARUSAT

Saraswati Pathariya <saraswatipathariya.cv@charusat.ac.i

# Expert talk on Friday, 14 Dec. under ICRISET-2018

2 messages

**Hiteshri Shastri** <hiteshrishastri.cv@charusat.ac.in>
To: Head Civil CHARUSAT <hod.cv@charusat.ac.in>, Civil <civil@charusat.ac.in>, Dipak Vyas <dipakvyas.cv@charusat.ac.in>
Tue, Dec 11, 2018 at 4:58 P

Dear Faculty Members,

Expert talk entitled : "**Comparative Life Cycle Performance Assessment of Low-Rise Base-Isolated and Conventional Steel Moment Resisting Frame Buildings**" By Mr Prayag Sayani (Project Engineer, New Jersey Turnpike Authority Woodbridge, NJ, USA) is arranged under International Conference on Emerging Trends in Engineering, Science, and Technology (ICRISET-2018).

**Date : Friday 14th Dec, 2018**

**Time : 2-3 pm**

**Venue: 501, Software Lab, CL Dept**

All the staff members are invited to attend the talk and interact with the speaker.

Thanks and Regards

Hiteshri

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**Ankit Wankawala** <ankitwankawala.cv@charusat.ac.in>
To: civil@charusat.ac.in
Cc: Head Civil CHARUSAT <hod.cv@charusat.ac.in>
Fri, Dec 14, 2018 at 12:52 P

Dear Sir/Madam,

I am directed by HOD, all faculty members, who do not have any teaching engagements, are informed to attend the today's expert lecture by Mr. Prayag Sayani (Project Engineer, New Jersey Turnpike Authority Woodbridge, NJ, USA) at room no. 501 (02.00 PM).
Also those faculties, who are having lab/tutorial slots in this duration are advised to remain present by giving some task to the students and inform lab technicians to engage the lab for one hour. After that respective faculty members are advised to engage their slots. Faculty members having lectures are informed to engage their class as per schedule.

Thank You
[Quoted text hidden]

**Ankit Wankawala**
Assistant Professor (Civil Engineering)
Faculty of Technology & Engineering (CSPIT)
Charotar University of Science and Technology
Changa-388421, ANAND, Gujarat.
Office 91-2697-265093, Mobile 91-9033108890

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# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)
# CHANGA – 388 421

## Chandubhai S. Patel Institute of Technology

### M. S. Patel Department of Civil Engineering

# Event Report

| | | |
|---|---|---|
| Name of Event | : | Expert Talk on "Comparative Life Cycle Performance Assessment of Low-Rise Base-Isolated and Conventional Steel Moment Resisting Frame Buildings" |
| Date and Time of Event | : | 14 December, 2018 , 2.00 PM - 3.00 PM |
| Event coordinator | : | Dr. V. R. Panchal & Dr. Hiteshri Shastri |
| Resource person details (if any): | | Mr. Prayag Sayani |

| Sr. No. | Name of the resource person | Organization of resource person |
|---|---|---|
| 1 | Mr. Prayag Sayani | Project Engineer, New Jersey Turnpike Authority Woodbridge, NJ, USA |

**Event Schedule:**

| Date | Time | Activity |
|---|---|---|
| 14.12.2018 | 2.00 PM - 3.00 PM | Expert Talk |

**Summary of the Event (Maximum 200 words):**

A expert talk was delivered by Mr. Prayag Sayani on "Comparative Life Cycle Performance Assessment of Low-Rise Base-Isolated and Conventional Steel Moment Resisting Frame Buildings" under International Conference on Emerging Trends in Engineering, Science and Technology (ICRISET-2018) on 14.12.2018 for the faculties as well as for students of M. S. Patel Department Civil Engineering. Mr. Sayani explained the significant parameters for Analysis of building during earthquake. The new earthquake protection techniques like active system

passive system, etc. were discussed in this expert talk. The detailed study of the performance assessment of low rise building using Base-Isolation was nicely explained by him. The comparison between conventional steel moment resisting frame system and the system with Base Isolation was also discussed in detail. He nicely explained the risk assessment of building in terms of repair cost and replacement cost, to enhance the life of building. The idea of enhancement of the life of building using Base-Isolation techniques and relating it with cost benefit for the better understanding of non-technical person was wonderful concept to adopt these kinds earthquake protection system. This expert lecture was also a revelation to all the Civil Engineers for their career development. Finally, the session ended by offering a memento to Mr. Prayag Savani as a token of love from Head of Department, Dr. V. R. Panchal and he appreciated the efforts of Mr. Prayag Savani.

**Registration fee (if any):** NIL

**No. of Participants**: 26

**List of Participants: (Attendance sheet attached)**

**Amount sanctioned by CSPIT/CHARUSAT: —**

**Accounts details:**

| Sr. No. | Details | Rupees |
|---|---|---|
| 1 | **Remuneration to the experts** | Nil |
| 2 | | |
| Total | | |

**Overall impact of workshop:** Very Good

**Coordinator Sign:**

Dr. V. R. Panchal

Dr. Hiteshri Shastri

**Head of Department Sign:**

Dr. V. R. Panchal

Encl.: Photographs of the event and attendance sheets

2 | Page


CHARUSAT
Faculty of Technology and Engineering
IEEE


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Faculty of Technology and Engineering, ... Technology [CHARUSAT]
Manubhai Shivabhai Patel Department of Civil Engineering

**Expert Talk**

**On**

**"Comparative Life Cycle Performance Assessment of Low-Rise Base-Isolated and Conventional Steel Moment Resisting Frame Buildings"**

**Under**

*International Conference on Emerging Trends in Engineering, Science, and Technology (ICRISET-2018)*

**Date: 14/12/2018 (02:00 PM – 03:00 PM)**

## Attendance Sheet

| No. | Name | Designation | Sign |
|---|---|---|---|
| 1 | Nipali Patel | Asst Prof | |
| 2 | Neha Rajput | Asst. Prof | |
| 3 | Megha D. Sai | Asst. Prof | |
| 4 | Renu Koshy | " " | |
| 5 | Saraswati Patwariya | " | |
| 6 | Kanchal Dave | " | |
| 7 | Mitali Vedanti | " | |
| 8 | Ankit Wavrawala | Asst. Prof | |
| 9 | Nimesh Patel | Asst Prof | |
| 10 | Vipul Vinod H. | " | |
| 11 | Thasgaonkar Shobhana | Asst Prof | |
| 12 | Prachi Patadiya | " | |
| 13 | Jay K. Bhavsar | " | |
| 14 | Pinal C Patel | Asst Prof | |
| 15 | Jaydeep N. Desai | " | |
| 16 | Dedania Darshan | Student | |
| 17 | Yash Sukhi | Student (M.Tech 4th sem) | |
| 18 | Chavatiya Harsh Y. | Student | |
| 19 | [illegible] | [illegible] | |
| 20 | [illegible] | [illegible] | |
| 21 | Maharshi S Patel (15CL016) | Student | |
| 22 | Rutvik D. Suvani (15CL008) | Student | |

| | | |
|---|---|---|
| 49 | D17CL117 | MANGUKIYA PARTH SURESHBHAI |
| 50 | D17CL118 | JASANI HARDIK PRAVINBHAI |
| 51 | D17CL119 | SHAH SHAIT HIRENKUMAR |

Faculty of Technology and Engineering
Manubhai Shivabhai Patel Department of Civil Engineering
Expert Talk
On
"Comparative Life Cycle Performance Assessment of Low-Rise Base-Isolated and Conventional Steel Moment Resisting Frame Buildings"
*Under*
*International Conference on Emerging Trends in Engineering, Science, and Technology*
(ICRISET-2018)
Date: 14/12/2018 (02:00 PM – 03:00 PM)

## Attendance Sheet

| Sr. No. | Name | Designation | Sign |
|---|---|---|---|
| 23 | Parth N. Vaddoriya (15CL114) | Student | |
| 24 | Vidhan S. Thacker (15CL117) | Student | |
| 25 | Vikas J. Jasoliya | Student | |
| 26 | Bhrugesh P. Gosai | Student | |

## Registration Form

**Six Days Workshop**
**On**
**Deep Learning for Visual Computing**
**17th Dec – 22rd Dec, 2018**

Name: _____
Designation: _____
Institute/Organization: _____
_____
Address: _____
_____
_____
City: _____
Mobile: _____
E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Chandubhai S. Patel Institute of Technology" payable at Anand as registration fees.

**Fee Details:**

Academia ☐ Student ☐
Industry/R&D Organizations ☐
Amount: _____
Cheque/Demand Draft No: _____
Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution



**Chief Patron**
Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

**Patron**
Dr. A. D. Patel, Principal
Chandubhai S. Patel Institute of Technology

**Advisory Committee**
Dr. Amit P. Ganatra, Dean, FTE
Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B.G. Patel, Advisor, CHARUSAT
Dr. H. J . Jani, Advisor, CHARUSAT

**Convener**
Dr. Amit Ganatra (M): +91 9426350639

**Coordinator**
Prof. Mrugendra Rahevar (M):+919925856399
Prof. Nikita Bhatt (M):+919725028431

**Correspondence**

Prof. Martin Parmar(M): +91 8238563982
Prof. Divyesh Patel : (M) +91 9723539917
U & P U Patel Department of Computer Engineering
C.S. Patel Institute of Technology
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Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 248220 Fax: 02697 - 247100
E-mail: divyeshpatel.ce@charusat.ac.in

**Registration Link**: www.charusat.ac.in/dlvc

**Accommodation will be made available on a request.**

# Chandubhai S. Patel Institute of Technology

(A Constituent Institute of CHARUSAT)
U & P U. Patel Department of Computer Engineering

**Organizes**

**Six Days Workshop on**

**Deep Learning for Visual Computing**
**17th Dec – 22rd Dec, 2018**

**In association with**

IEEE

**Student Branch, Changa**

Gujarat Council on Science and Technology – Government of Gujarat
Dst – Department of Science & Technology, Government of Gujarat

CHARUSAT – Charotar University of Science and Technology

**Charotar University of Science and Technology (CHARUSAT)**
**Changa - 388421**
**Dist.: Anand, Gujarat**

## About the University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra-modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 350 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

CSPIT is constituent institute of CHARUSAT. The institute offers UG, PG and PhD programs in EE, ME, CE, IT, EC and Civil Engineering. The institute is established with a view to promote excellence in engineering education and to prepare the young talent to meet challenges of engineering and technology.

## About the Department

U & P U. Patel Department of Computer Engineering of CSPIT, CHARUSAT is dynamically growing, fostering, excellence and diversities within its community. Excellence in UG and PG teaching and the integration of research and education are core values of the department. The CE department is committed to excel both in teaching and research. CE department currently offers B. Tech., M. Tech., and Ph. D. Programs. It attracts outstanding students. The UG students' enrollment stands at nearly 550 students. The PG enrollment stands at more than 35. Research activities are on data mining, cloud computing and next generation network. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

## About the Workshop

The main objective is to understand implementation and performance issues of Deep Learning (DL) algorithms applied to various scientific application kernels and Information Science Applications on emerging High Performance Computing (HPC) Systems with different Co-processors and GPU Accelerators. An overview of Deep Learning networks which is a new set of Machine Learning (ML) algorithms and their implementation will be discussed. The efforts in applications such as Speech Recognition, Face Recognition, computer vision, and Bio-Informatics will be covered. Methods such as Convolutional Neural Network (CNN), combination of Supervised, unsupervised and semi-supervised learning techniques will be discussed. We discuss Deep Learning frameworks and Libraries (Caffe, Tensorflow, Torch, etc...). Various data and image set (ImageNet) & Training ImageNet, and data preparation will be explored.

## Contents of the Workshop

- Feature Extraction for Visual Computing
- Python for Visual Computing, MNIST Digits classification
- Understanding of Deep Learning with Neural Networks
- Basic of Autoencoders Stacked Autoencoders Denoising Autoencoders for Representation Learning
- Convolutional Neural Networks (CNN), LeNet for Digits Classification using Tensorflow
- Classifying image with RNN
- Recurrent Neural Networks (RNN), Long Short Term Memory (LSTM) using Tensorflow

## Resource Persons

Eminent speakers from Industries and Academia.

## Registration Fees / Important Dates

| | |
|---|---|
| **IEEE/CSI Members / Student** | **1000/-** |
| **Non- IEEE/CSI Members / Student** | **1200/-** |
| **Faculties(Others)** | **1500/-** |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. The completed registration form accompanied by the demand draft should reach the event coordinator on or before 12thDec 2018. List of selected candidates will be displayed on CHARUSAT website on 15thDec, 2018.

## How to reach?



# Charotar University of Science and Technology (CHARUSAT)
# Chandubhai S Patel Institute of Technology
# U. & P U. Department of Computer Engineering

## "Deep Learning for Visual Computing"
## (17th-22nd December, 2018)

The main objective is to understand implementation and performance issues of Deep Learning (DL) algorithms applied to various scientific application kernels and Information Science Applications on emerging High Performance Computing (HPC) Systems with different Co-processors and GPU Accelerators. An overview of Deep Learning networks which is a new set of Machine Learning (ML) algorithms and their implementation will be discussed. The efforts in applications such as Speech Recognition, Face Recognition, computer vision, and Bio-Informatics will be covered. Methods such as Convolutional Neural Network (CNN), combination of Supervised, unsupervised and semi-supervised learning techniques will be discussed. We discuss Deep Learning frameworks and Libraries (Caffe, Tensorflow, Torch, etc...). Various data and image set (ImageNet) & Training ImageNet, and data preparation will be explored.

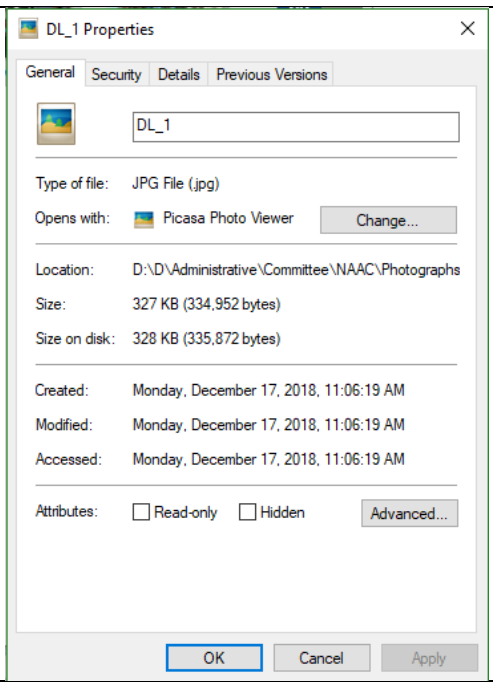
Contents:

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- Convolutional Neural Networks (CNN), LeNet for Digits Classification using Tensorflow
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CHARUSAT University
Chandubhai S. Patel Institute of Technology(CSPIT)
U& P U Patel Department of Computer Engineering
GUJCOST Sponsered Six Day's Workshop
Deep Learning for Visual Computing (December 17th -22nd -2018)
Registration List

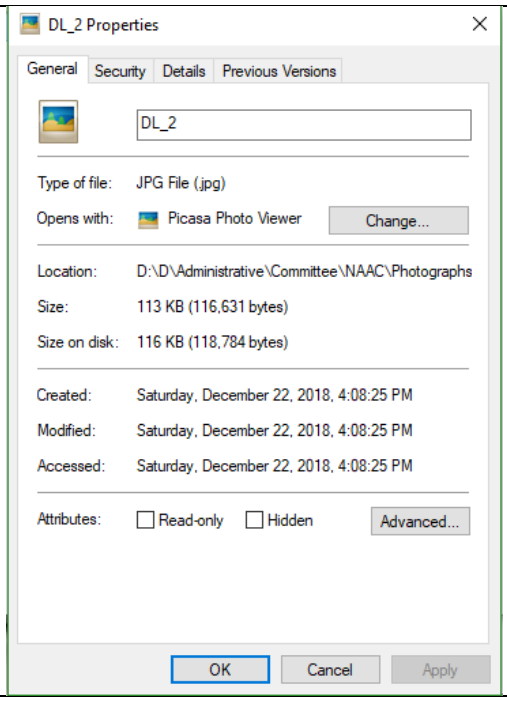
| Sr.No. | Name of Participant | Designation | Institute/Organization | Email ID |
|---|---|---|---|---|
| 1 | Patel Kartavi Sanjaykunar | Student | DDU | kartavi28@gmail.com |
| 2 | SHIVANI KIRITSINH BARIA | Student | CSPIT-Charusat | 17ce006@charusat.edu.in |
| 3 | Harshil Trivedi | Student | CSPIT-Charusat | harshilt35@gmail.com |
| 4 | Angik Patel | Student | CSPIT-Charusat | angikpatel1411@gmail.com |
| 5 | sonar keyur narendrabhai | Student | CSPIT-Charusat | 17ce121@charusat.edu.in |
| 6 | DEEPAN PARIKH | Student | CSPIT-Charusat | deepanparikhdev@gmail.com |
| 7 | DARSHIL SANJAY SHAH | Student | CSPIT-Charusat | 17ce106@charusat.edu.in |
| 8 | Shivam Sompura | Student | CSPIT-Charusat | mdev.shivam@gmail.com |
| 9 | Dhruvil Thaker | Student | CSPIT-Charusat | coffeecompile29@gmail.com |
| 10 | Patel Shivam Ashvinkumar | Faculty | DDU | cvmpt!112@gmail.com |
| 11 | Patil Maulik | Student | CSPIT-Charusat | patilmaulik99@gmail.com |
| 12 | Richa Umesh Shah | Faculty | CE, FOT, DDU | d18ce155@charusat.edu.in |
| 13 | Akrit Khanna | Student | CSPIT-Charusat | d18ce159@charusat.edu.in |
| 14 | SWAPNIL VIPUL PADHIAR | Student | CSPIT-Charusat | swapnilpadhiyar03@gmail.com |
| 15 | Garvit A Gupta | Faculty | CSPIT-Charusat | d18ce142@charusat.edu.in |
| 16 | Pankti Shah | Student | CSPIT-Charusat | pankti0919@gmail.com |
| 17 | JAHNAVI SHAH | Student | CSPIT-Charusat | 17dcs058@charusat.edu.in |
| 18 | Mihir Bhaveshkumar Patel | Student | CSPIT-Charusat | 17ce077@charusat.edu.in |
| 19 | Ayushi Nitinkumar Patel | Student | CSPIT-Charusat | appatel1719@gmail.com |
| 20 | Saparia Akash | Student | CSPIT-Charusat | akashsaparia0301@gmail.com |
| 21 | Priyanka Dashrathsinh Puvar | Student | ADIT | priyanka.puvar@gmail.com |
| 22 | Sachin patel | Student | CSPIT-Charusat | 18pgce013@charusat.edu.in |
| 23 | RUTVIK R CHAUHAN | Student | CSPIT-Charusat | chauhanrutvik21r@gmail.com |
| 24 | Jilsa Chandarana | Student | CSPIT-Charusat | jil@gmail.com |
| 25 | Sonia Flora | Student | CSPIT-Charusat | leosonia@gmail.com |
| 26 | Rutvik Patel | Student | CSPIT-Charusat | patel.rutvik@gmail.com |
| 27 | Megh Pandya | Student | CSPIT-Charusat | megh1998@gmail.com |




**Deep Learning for Visual Computing (Date: 17/12/2018)**






**Deep Learning for Visual Computing (Date: 22/12/2018)**

## Registration Form

**GUJCOST SPONSORED Workshop**
**On**
***"Evaluating Network with Mathematical and Simulation Modeling: SDN approach"***
***December 17-22, 2018***

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E–mail: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science & Technology" payable at Anand as registration fees.

**Fee Details:**

Students ☐ Faculties ☐

Industry ☐

Amount: _____

Cheque/Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

### Patron

Dr. Amit Ganatra, Dean, Faculty of Technology and Engineering

### Advisory Committee

Dr. A. D. Patel, Principal, CSPIT
Mr. Ashok Patel, Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B. G, Patel, Advisor, CHARUSAT
Dr. H. J. Jani, Advisor, CHARUSAT

### Convener

Dr. Ritesh Patel –riteshpatel.ce@charusat.ac.in

### Coordinator

Prof. Sneha Padhiar (M)- 09601677010

### Correspondence

Prof. Sneha Padhiar
U & P U. Patel Department of Computer Engineering
C. S. Patel Institute of Technology-CHARUSAT
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 265125
E-mail: snehapadhiar.ce@charusat.ac.in

For Accommodation Please contact to
Prof. Divyesh Patel(M): 9723539917.
divyeshpatel.ce@charusat.ac.in

# Chandubhai S. Patel Institute of Technology

**(A Constituent Institute of CHARUSAT)**

**U & P U. Patel Department of Computer Engineering**

**Organizes**

**GUJCOST Sponsored one week STTP**

**on**

***"Evaluating Network with Mathematical and Simulation Modeling: SDN approach"***

***December 17-22, 2018***

***In* association with:**

Department of Science & Technology
Government of Gujarat

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Charotar University of Science and Technology**
**Changa - 388421**
**Dist.: Anand, Gujarat**
**https://www.charusat.ac.in/**

## About the University

Charotar University of Science and Technology (CHARUSAT) has been conceived by Shri Charotar Moti Sattavis Patidar Kelavani Mandal - a not for profit premier education trust of India having a social lineage of more than 122 years. CHARUSAT has been established by promulgation of Gujarat Private University Act, 2009. It is empowered to confer degrees under Section 22 of UGC Act, 1956. It is the first state university getting "A" Grade in the first cycle by NAAC with CGPA of 3.11. It is also accredited with Grade "A" by KCG. Govt. of Gujarat. Presently, CHARUSAT offers 67 programs from UG to Ph.D. under the tutelage of 8 Institutes and 6 Faculties. All education programs are semester based and are delivered in English Medium. Credit and Grading Systems are followed for Teaching, Learning and Evaluation. Curriculum and Pedagogy at CHARUSAT correspond with societal needs. CHARUSAT strives to prepare students for global assignments. It aims to make its students Job Creators and not Job Seekers.

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## About the Workshop

Simulation modeling is very useful to observe the behavior of the network component with certain useful parameters iteratively; Testbed modelling is useful to test the components of network along with effect of other components and environmental conditions.

Network of going in the direction of managed by software. Moreover, this workshop is designed to engage and educate research scholars, academicians, and private sector employees and post graduate students with the goal of raising awareness about Software defined network. This programme also covers the education of development on future networks such as 5G network.

## Contents of the Workshop

The course content is designed to familiarize with issues and challenges of future network.

- Basic concepts of Network: Bridging, Switching, Routing(Static and Dynamic Routing)
- Configuration of cisco switch (Cisco Catalyst 2960 switch) and Router (Cisco 1841 Router).
- Configuring Firewall, NAT & DHCP in cisco router and VLAN in switches.
- Packet inspection using Wireshark.
- Software Defined Network (SDN) introduction and simulation.
- Software defined network test bed creating using Central Office Re-architected as a Datacenter (CORD).

Click here to get more detail content.

## Resource Persons

- Dr. Ritesh Patel, CHARUSAT
- Mr. Rahul Hada, Criterion Network, Bangalore. https://criterionnetworks.com/
- Dr. Hemal Shah, GANPAT Univerisity.
- Dr. Rakesh Vanzara, GANPAT Univerisity.

## Registration Fees / Important Dates

| | CSI | Non-CSI |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1200/- | Rs. 1500/- |
| **Faculty** | Rs. 1500/- | Rs. 1700/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees does not include accommodation. All payment should be made by a demand draft or online payment drawn in favor of "CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY", payable at Anand. The completed registration form acknowledge of fees paid should reach the event coordinator on or before **10th December, 2018. Accommodation will be made available on a request.**

## Important Dates

Last date of registration 10/12/2018. Confirmation of email would be sent to the registered candidates on 12/12/2018.

## How to Register?

All the interested candidates' needs to register online. Click here for registration OR goto https://goo.gl/forms/fdm3y9ZQSt8yFIUW2

## How to reach?

See Charotar University of Science and Technology (CHARUSAT) (https://goo.gl/maps/EiWKAytZdjE2) in Google Maps.

# Charotar University of Science and Technology (CHARUSAT)
# Chandubhai S Patel Institute of Technology
# U. & P U. Department of Computer Engineering

## "Evaluating Network with Mathematical and Simulation Modeling: SDN approach"
## (17th-22nd December, 2018)

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**Charotar University of Science and Technology (CHARUSAT)**

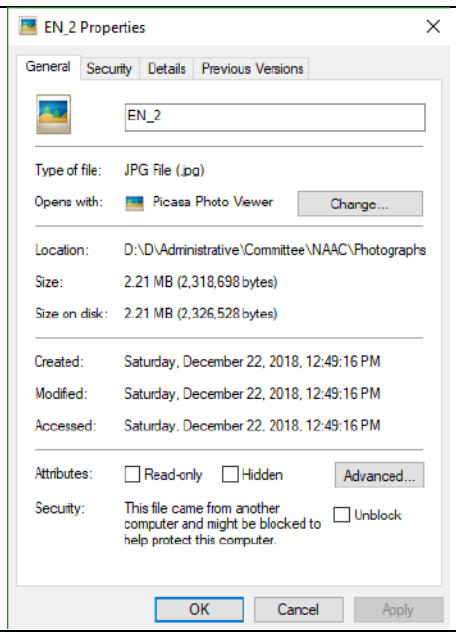
**Six days workshop on " Evaluating Network with Mathematical and Simulation Modeling: SDN approach""**

**17th - 22nd December 2018**

**REGISTRATION SHEET**

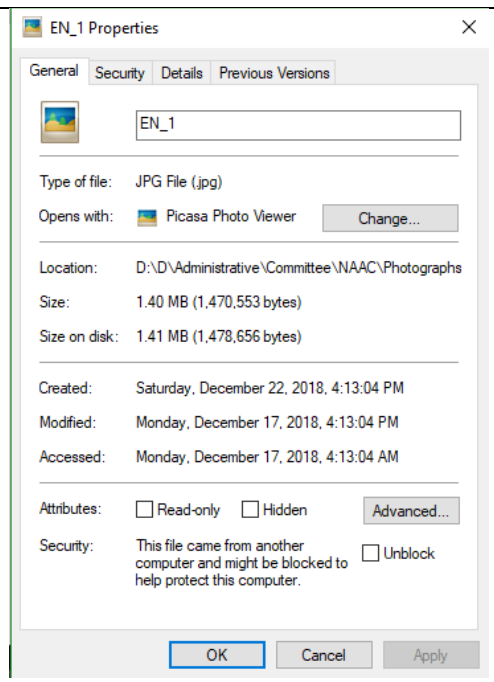
| SR_NO | NAME OF PARTICIPANTE | INSTITUTE/ORGANIZATION | SIGNATURE |
|---|---|---|---|
| 1 | Mori kuldiphiralal | CSPIT | |
| 2 | Parth Chodvadiya | CSPIT | |
| 3 | Hardev Mukeshbhai Khandhar | CSPIT | |
| 4 | BHUMIKA R BHATT | CSPIT | |
| 5 | Drashti. R. Jadav | Ganpat University | |
| 6 | Vivek J. Vyas | Dharmsinh Desai University | |
| 7 | Dharmik Patel | CSPIT | |
| 8 | AKASH PATEL | CSPIT | |
| 9 | Himanshu Kiran Purohit | Dharmsinh Desai University | |
| 10 | Mitali Dave | DEPSTAR | |
| 11 | Het Desai | CSPIT | |
| 12 | Meghanshi Prajapati | CSPIT IT | |
| 13 | Neel sojitra | ~~GSPIT~~ Depstar | |
| 14 | Jayraj kanani | ~~GSPIT~~ DEPSTAR | |
| 15 | Krunal solanki | CSPIT | |
| 16 | HAMZA MUTAHER ABDU ALSHAMERI | Maulana Azad National Urdu University | |
| 17 | Nishit Patel | CSPIT | |
| 18 | Treasurer Malav Kalpesh | CSPIT | |
| 19 | Jitisha R. Patel | CGPIT, Bardoli | |
| 20 | Achyut R. Sakadasariya | C.G. Patel Institute of Technology,UTU | |
| 21 | Nidhi patel | CSPIT IT | |
| 22 | Raj Natvarbhai Prajapati | CSPIT | |
| 23 | Gautam Zalavadiya | CSPIT csi | |
| 24 | Mihir Patel | CSPIT ~~csi~~ | |
| 25 | Gandhi [illegible] P. | DEPSTAR ~~csi~~ | |
| 26 | Shilpi Paruthi | CSPIT CE | |
| 27 | Jilsa Chandarana | DEPSTAR | |




**Evaluating Network with Mathematical and Simulation Modelling: SDN approach (Date: 22/12/2018)**






**Evaluating Network with Mathematical and Simulation Modelling: SDN approach (Date: 17/12/2018)**

## Registration Form

**Six Days Workshop**
**On**
**Blockchain for Data Privacy and Security**
**1st April –6th April, 2019**

Name: _____
Designation: _____
Institute/Organization: _____
_____
Address: _____
_____
_____
City: _____
Mobile: _____
E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Chandubhai S. Patel Institute of Technology" payable at Anand as registration fees.

**Fee Details:**

Academia ☐ Student ☐
Industry/R&D Organizations ☐

Amount: _____
Cheque/Demand Draft No: _____
Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution

**Chief Patron**
Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

**Patron**
Dr. A. D. Patel, Principal
Chandubhai S. Patel Institute of Technology

**Advisory Committee**
Dr. Amit P. Ganatra, Dean, FTE
Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B.G. Patel, Advisor, CHARUSAT
Dr. H. J . Jani, Advisor, CHARUSAT

**Convener**
Dr. Amit Ganatra (M): +91 9426350639

**Coordinator**
Prof. Martin Parmar (M) +918238563982
Prof. Divyesh Patel (M)+91 9723539917

**Correspondence**

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U & P U Patel Department of Computer Engineering
C.S. Patel Institute of Technology
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 248220 Fax: 02697 - 247100
E-mail: divyeshpatel.ce@charusat.ac.in

**Registration Link:**
www.charusat.ac.in/blockchain

**Accommodation will be made available on a request.**

# Chandubhai S. Patel Institute of Technology

(A Constituent Institute of CHARUSAT)
U & P U. Patel Department of Computer Engineering

**Organizes**

**Six Days Workshop on**

**Blockchain for Data Privacy and Security**
**1st April – 6th April, 2019**

**In association with**

IEEE

**Student Branch, Changa**

Gujarat Council on Science and Technology, Government of Gujarat
DST Department of Science & Technology Government of Gujarat

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Charotar University of Science and Technology (CHARUSAT)**
**Changa - 388421**
**Dist.: Anand, Gujarat**

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## About the Workshop

Blockchain's vast applications in different industries have drawn several researchers to pursue extensive research in securing blockchain technologies. In recent times we could see several institutions coming together to create consortium based blockchain networks such as Hyperledger. Although for applications of blockchain such as Bitcoin, Litcoin, etc. the majority-attack might not be a great threat but for consortium based blockchain networks where we could see several institutions such as public, private, government, etc. are collaborating, the majority-attack might just prove to be a prevalent threat if collusion among these institutions takes place. This paper proposes a methodology where we can use intelligent software agents to monitor the activity of stakeholders in the blockchain networks to detect anomaly such as collusion, using supervised machine learning algorithm and algorithmic game theory and stop the majority attack from taking place.

## Contents of the Workshop

- Blockchain Architecture and Innovation
- Hyperledger Fabric, Smart contracts
- Currency, Digital Currency, Crypto-currency, and the Road Ahead
- Blockchain Tools: Ethereum, Hyperledger-Fabric
- Programming Framework: Solidity, Go lang

## Resource Persons

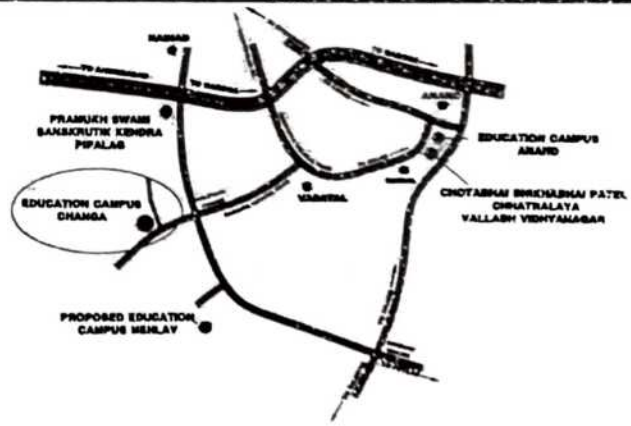
Eminent speakers from Industries and Academia.

## Registration Fees / Important Dates

| | |
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| IEEE/CSI Members / Student | 1000/- |
| Non- IEEE/CSI Members / Student | 1200/- |
| Faculties(Others) | 1500/- |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. The completed registration form accompanied by the demand draft should reach the event coordinator on or before 28th March 2019. List of selected candidates will be displayed on CHARUSAT website on 30th March, 2019.

## How to reach?



# Charotar University of Science and Technology (CHARUSAT)
# Chandubhai S Patel Institute of Technology
# U. & P U. Department of Computer Engineering

## "Blockchain for Data Privacy and Security "
## (1st -6th July, 2018)

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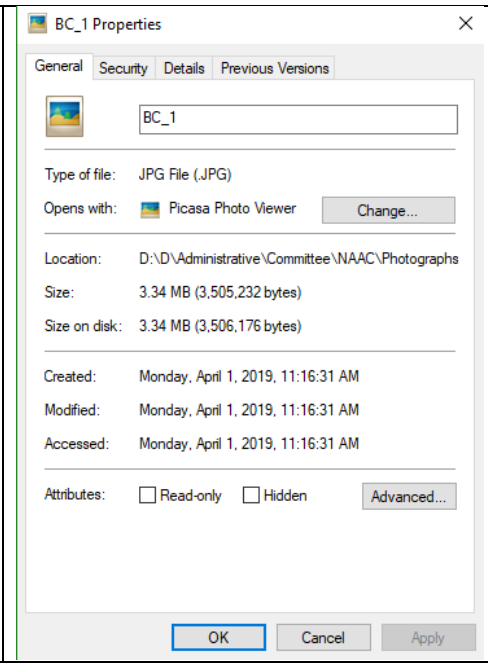
- Blockchain architectures and innovations
- Hyperledger Fabric, Smart contracts
- Currency, Digital Currency, Crypto-currency, and the road ahead
- Blockchain tools: Ethereum, Hyperledger-Fabric
- Programming Framework: Solidity, Go lang

## GUJCOST SPONCERED WORKSHOP ON
## Blockchain for Data Privacy and Security
## Date: 1st April 2019 to 6th April 2019

**Date 06-04-2019**

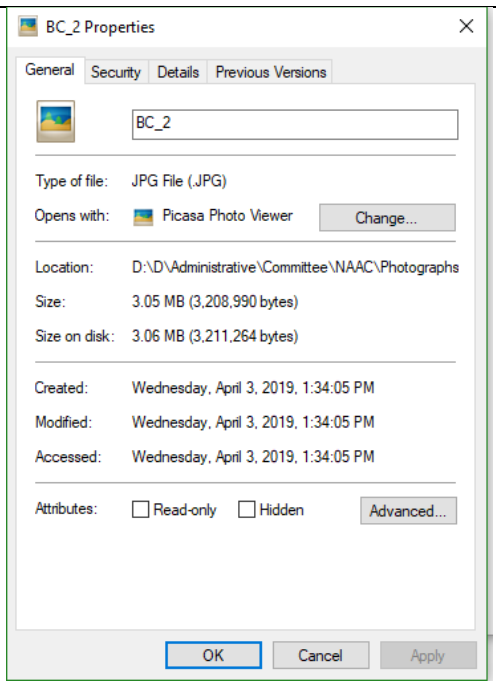
| Sr No | Full Name | Designation | Morning Sign | Afternoon Sign |
|---|---|---|---|---|
| 1 | Nayan Sanjay Patil | Students | | |
| 2 | Vibhavari H Patel | Other | | |
| 3 | Bansi Dharmendrabhai Chovatiya | Students | | |
| 4 | Rajvi Pradip Dalal | Students | | |
| 5 | Darshil Bhavik Bhatt | Students | | |
| 6 | Smit Pancholi | Students | | |
| 7 | Tapaniya Jayshree Laljibhai | Students | | |
| 8 | Pratikkumar R Patel | Students | | |
| 9 | Priyanshi Yogesh Patel | Students | | |
| 10 | Dhruvi Nikulkumar Modi | Students | | |
| 11 | Krutarth Dave | Students | | |
| 12 | Dev minesh chapaneria | Students | | |
| 13 | Vania Niket Sanjaykumar | Students | | |
| 14 | Patel Visaj | Student | | |
| 15 | Dharti Suvariya | Student | | |
| 16 | Foram Bhut | Student | | |
| 17 | Kashish Sorathia | Student | | |
| 18 | Somayajula Ramyasai | Student | | |
| 19 | Kachhadiya Ridham | Student | | |
| 20 | Rohan Agrawal | Student | | |
| 21 | Ladvaiya Nikunj Rajesh Bhai | Student | | |
| 22 | Jigna Jitendrakumar Patel | Student | | |
| 23 | Hima Soni | Student | | |
| 24 | Manvee Soni | Student | | |
| 25 | Vrunda Shah | Student | | |
| 26 | Kangan Shukla | Student | | |
| 27 | Kruti Nirmal | Student | | |
| 28 | Maru Jalay Saurin | Faculty | | |
| 29 | Vaja Dhaval Dhirajlal | Faculty | | |






**Blockchain for Data Privacy and Security (Date: 01/04/2019)**






**Blockchain for Data Privacy and Security (Date: 03/04/2019)**

## Registration Form

**One-Week Workshop**
**On**
**Angular at front and Node at the back: A rendezvous with web**
**16th - 21st July, 2018**

Name:_____
Designation:_____
Institute/Organization: _____
_____
Address: _____
_____
_____
City:_____
Mobile:_____
E – Mail: _____

I am enclosing the demand draft/cheque in favor of "C. S. Patel Institute of Technology" payable at Anand as registration fees.

**Fee Details:**

Academia ☐ Student ☐
Industry/R&D Organizations ☐
Amount: _____
Cheque/Demand Draft No: _____
Bank and Branch:_____Date:_____

Date:

Signature of Participant

Seal and Signature
Head of Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT
Shri. C. A. Patel, Chairman, Advisory Board, CSPIT

### Patron

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Chandubhai S. Patel Institute of Technology

### Advisory Committee

Dr. Amit P. Ganatra, Dean, FTE
Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Amit P. Ganatra (M): 09426350639

### Coordinator

Prof. Jesal Desai (M) : 07874654997
Prof.Sneha Padhiar (M):0 9601677010
Prof. Mohammed Husain Bohara (M): 7405370028

### Correspondence

Prof. Phenil Buch(M): 09428748047
U & P U Patel Department of Computer Engineering
C.S. Patel Institute of Technology
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 248220 Fax: 02697 - 247100
E-mail: jesaldesai.ce@charusat.ac.in
Website: www.charusat.ac.in

**Accommodation will be made available on a request.**

# Chandubhai S. Patel Institute of Technology

(A Constituent Institute of CHARUSAT)

U. & P. U. Patel Department of Computer Engineering

## Organizes

## One-Week Workshop on

**Angular at front and Node at the back: A rendezvous with web**

**16th - 21st July, 2018**

## In association with:

IEEE

**Student Branch, Changa**

Department of Science & Technology
Government of Gujarat

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Charotar University of Science and Technology (CHARUSAT)**
**Changa - 388421**
**Dist.: Anand, Gujarat**

## About the University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 350 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

CSPIT is constituent institute of CHARUSAT. The institute offers UG, PG and PhD programs in EE, ME, CE, IT, EC and Civil Engineering. The institute is established with a view to promote excellence in engineering education and to prepare the young talent to meet challenges of engineering and technology.

## About the Department

U. & P. U. Patel Department of Computer Engineering of CSPIT, CHARUSAT is dynamically growing, fostering, excellence and diversities within its community. Excellence in UG and PG teaching and the integration of research and education are core values of the department. The CE department is committed to excel both in teaching and research. CE department currently offers B. Tech., M. Tech., and Ph. D. Programs. It attracts outstanding students. The UG students' enrollment stands at nearly 550 students. The PG enrollment stands at more than 35. Research activities are on data mining, cloud computing and next generation network. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

## About the Workshop

The objective of this workshop is to help trainees understand the real life web development and become a web developer using latest tools and trending technologies of current and future. The course outline is designed in such a manner that almost no prior knowledge is required to master the technology. Once completed the course successfully, the trainees are going to have their own live websites and clear understanding of how do real time web developers work in MNCs and other software companies. The workshop aims to provide knowledge and skills to become a successful Web Developer. Concepts such as JavaScript, Bootstrap, AngularJs, React Js, NodeJs and Firebase for backend connectivity, server side programming and backend development will be covered in the course.

The duration of this workshop will be six consecutive days, with six hours session each day in a total of thirty six hours, properly divided into theory and hands on practical sessions. At the end of this workshop, each participant will get Certificate of Participation and the participant who will develop best web application will get the certificate of appreciation.

## Contents of the Workshop
## Resource Persons

- HTML and CSS - Making a web page responsive (RWD & Media Queries)
- Different front end development frameworks - Bootstrap, Angular, Wordpress Bootstrap.
- Machine design & its Integration
- AngularJs - Expressions, modules and directives, versions, CDN
- Database technologies in web domain
- Eminent speakers from Industries and Academia.

## Registration Fees / Important Dates

| | |
|---|---|
| **IEEE/CSI Members / Student** | **1200/-** |
| **Faculties(Others)** | **1500/-** |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. The completed registration form accompanied by the demand draft should reach the event coordinator on or before 7th July 2018. List of selected candidates will be displayed on CHARUSAT website on 10th July, 2018.

## How to reach?



# Charotar University of Science and Technology (CHARUSAT)
# Chandubhai S Patel Institute of Technology
# U. & P U. Department of Computer Engineering

## "Angular at front and Node at the back: A randezvous with web"
## (16th-21th July, 2018)

The objective of this workshop is to help trainees understand the real life web development and become a web developer using latest tools and trending technologies of current and future. The course outline is designed in such a manner that almost no prior knowledge is required to master the technology. Once completed the course successfully, the trainees are going to have their own live websites and clear understanding of how do real time web developers work in MNCs and other software companies. The workshop aims to provide knowledge and skills to become a successful Web Developer. Concepts such as JavaScript, Bootstrap, AngularJs, React Js, NodeJs and Firebase for backend connectivity, server side programming and backend development will be covered in the course.

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Agenda of the workshop is to:

1. Understand responsive web design principles

2. Use responsive web development techniques such as responsive grids, retina support and media queries

3. Understand front-end performance optimization and why it matters

4. Get acquainted with some typical responsive patterns and learn how to interpret and enhance designs for responsive builds.

5. At the end of the workshop participants will be able to build live website using all the technologies learned during the course.

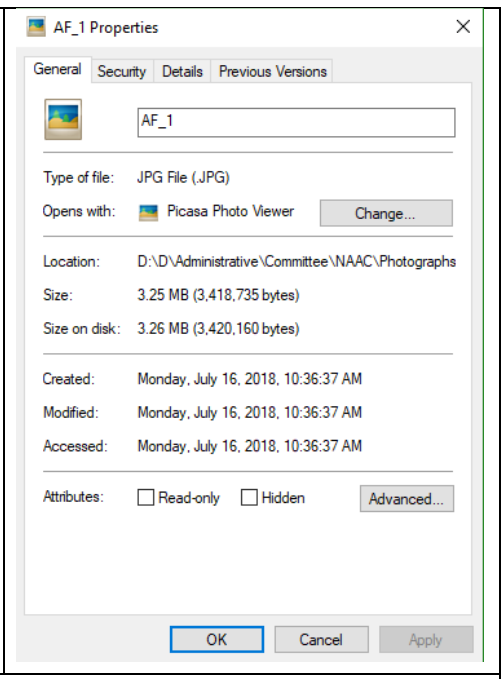
# Charotar University of Science and Technology (CHARUSAT)

## 17th July 2018

**" Angular at front and Node at the back: A randezvous with Web"**

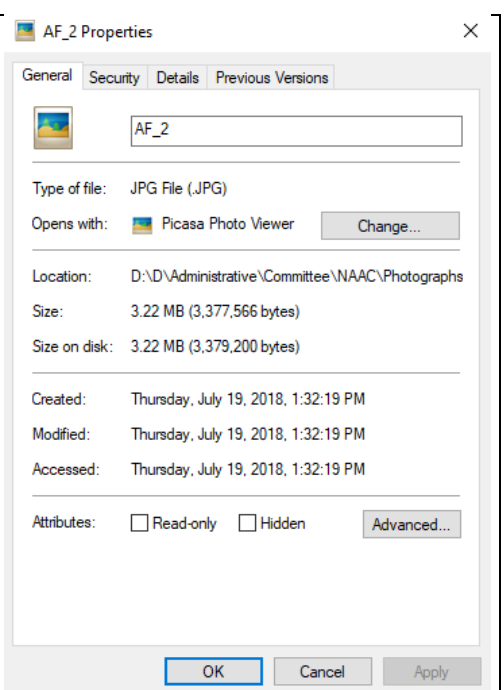
| SR NO | NAME OF PARTICIPANTE | SIGNATURE (9:30 TO 12:15) | SIGNATURE (1:00 TO 4:15) |
|---|---|---|---|
| 1 | Satvik Padhiyar | | |
| 2 | Hiteshkumar Nareshbhai Mangrola | | |
| 3 | Devesh P Hatkar | | |
| 4 | Shwetaben Rajendrabhai Masrani | | |
| 5 | Parth Jayesh Modi | | |
| 6 | Mohit Sojitra | | |
| 7 | Amit Dubey | | |
| 8 | Mohit Ankoliya | | |
| 9 | Kishan Sudhirbhai Patel | | |
| 10 | Radhey B Rupapara | | |
| 11 | Buddha Nachiketa Manish | | |
| 12 | Hitang Jayesh Patel | | |
| 13 | Bhagirathsinh Dodiya | | |
| 14 | Dixit Ukani | | |
| 15 | Vrushit Bharucha | | |
| 16 | Nishant Ramkabir | | |
| 17 | Shah Meet | | |
| 18 | Chirag Meva | | |
| 19 | Dhrumil Choksi | | |
| 20 | Yash Amin | | |
| 21 | Priyank Tailor | | |
| 22 | Het Vaghela | | |
| 23 | Abhay Solanki | | |
| 24 | Kishan Itoliya | | |
| 25 | Dhruvil Parmar | | |
| 26 | Kirtan Chavda | | |
| 27 | Jay Pandya | | |
| 28 | Prachi Mudholkar | | |
| 29 | Patel Parthik | | |
| 30 | Patel Pritesh | | |
| 31 | Satyam Gothi Cancel | | |
| 32 | Jayraj Tithe Cancel | | |
| 33 | Kunj Shah Cancel | | |
| 34 | Abhishek Buddhbhatti | | |






**Angular at front and Node at the Back: A rendezvous with Web (Date: 16/07/2018)**






**Angular at front and Node at the Back: A rendezvous with Web (Date: 19/07/2018)**

## Registration Form

**One-Week Workshop**
**On**
**Gradling and Xcoding:**
Native and Cross Platform Mobile Application Development
**2nd - 7th July, 2018**

Name: _____
Designation: _____
Institute/Organization: _____
_____
Address: _____
_____
_____
City: _____
Mobile: _____
E – Mail: _____

I am enclosing the demand draft/cheque in favor of "C. S. Patel Institute of Technology" payable at Anand as registration fees.

**Fee Details:**

Academia ☐ Student ☐
Industry/R&D Organizations ☐
Amount: _____
Cheque/Demand Draft No: _____
Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution



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### Advisory Committee

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Dr. S. P. Kosta, Advisor, CHARUSAT
Mr. Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Amit P. Ganatra (M): 09426350639

### Coordinator

Prof. Jesal Desai (M) : 07874654997
Prof.Sneha Padhiar (M):0 9601677010
Prof. Mohammed Husain Bohara (M): 7405370028

### Correspondence

Prof. Aniruddh Fataniya (M): 09033303982
U & P U Patel Department of Computer Engineering
C.S. Patel Institute of Technology
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 248220 Fax: 02697 - 247100
E-mail: jesaldesai.ce@charusat.ac.in
Website: www.charusat.ac.in

**Accommodation will be made available on a request.**

# Chandubhai S. Patel Institute of Technology

(A Constituent Institute of CHARUSAT)

U. & P. U. Patel Department of Computer Engineering

## Organizes

## One-Week Workshop on

**Gradling and Xcoding:**
Native and Cross Platform Mobile Application Development

**2nd - 7th July, 2018**

## In association with:

IEEE

**Student Branch, Changa**

Department of Science & Technology
Government of Gujarat

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## About the Workshop

This workshop is designed for Mobile Application (App) design and development. It is a project-oriented workshop which includes app design for iOS and Android mobile platforms based on the latest versions available. The workshop will help the participants in understanding the advanced technology behind the mobile application development.

Finally, the Mobile Application Development workshop will introduce a set of labs, workshops and group activities of real world case studies in order to prepare you to develop sophisticated mobile apps and to be able to tackle all the related mobile app development challenges

First three days will mainly focus on how to use Android OS for building your own Android Application. The next three days will focus on iOS Application Development where course covers a variety of topics in iOS mobile application development. Also there will be session of Xamarine for Learning Cross Platform Mobile Application Development on the last day

## Contents of the Workshop
## Resource Persons

- Introduction to Android SDK, How to Install Android Plug in, Android Installation
- Designing of Application
- In-depth coverage on all frame works and APIs
- Introduction about iPhone & Mac OS
- iOS Development Environment
- User Interface Programming, XCODE
- iOS Mobile Application Deployment
- Views, Animations ,Navigation & Scroll View, Web View Locations & Maps
- Xamarine for cross platform mobile application development

Eminent speakers from Industries and Academia.

## Registration Fees / Important Dates

| | |
|---|---|
| **IEEE/CSI Members / Student** | **1200/-** |
| **Faculties(Others)** | **1500/-** |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. The completed registration form accompanied by the demand draft should reach the event coordinator on or before 22nd June 2018. List of selected candidates will be displayed on CHARUSAT website on 25th June, 2018.

## How to reach?



# Charotar University of Science and Technology (CHARUSAT)
# Chandubhai S Patel Institute of Technology
# U. & P U. Department of Computer Engineering

## "Gradling and Xcoding:
## Native and Cross Platform Mobile Application Development"
## (2nd -7th July, 2018)

This workshop is designed for Mobile Application (App) design and development. It is a project-oriented workshop which includes app design for iOS and Android mobile platforms based on the latest versions available. The workshop will help the participants in understanding the advanced technology behind the mobile application development. Finally, the Mobile Application Development workshop will introduce a set of labs, workshops and group activities of real world case studies in order to prepare you to develop sophisticated mobile apps and to be able to tackle all the related mobile app development challenges First three days will mainly focus on how to use Android OS for building your own Android Application. The next three days will focus on iOS Application Development where course covers a variety of topics in iOS mobile application development. Also there will be session of Xamarine for Learning Cross Platform Mobile Application Development on the last day

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- In-depth coverage on all frame works and APIs
- Introduction about iPhone & Mac OS
- iOS Development Environment
- User Interface Programming, XCODE
- iOS Mobile Application Deployment
- Views, Animations ,Navigation & Scroll View, Web View Locations & Maps
- Xamarine for cross platform mobile application development

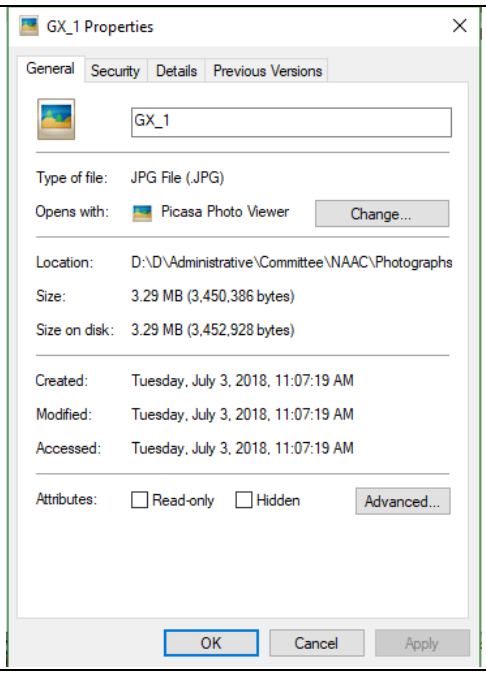
# Charotar University of Science and Technology (CHARUSAT)

## 6th July 2018

### Six days workshop on "Gradling and Xcoding: Native and Cross Platform Mobile Application Development"

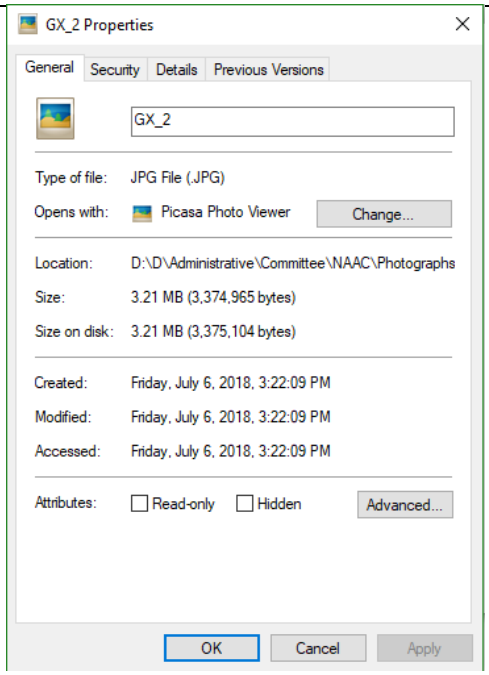
| SR NO | NAME OF PARTICIPANTE | SIGNATURE (9:30 TO 12:15) | SIGNATURE (1:00 TO 4:15) |
|---|---|---|---|
| 1 | Mohit M. Menpara | | |
| 2 | Akash Patel | | |
| 3 | Desai Bhasha Purnendu | | |
| 4 | Khemani Dhaval Tulsidas | | |
| 5 | Jenish Parmar | | |
| 6 | Vatsal Shah | | |
| 7 | Makadia Yash Mansukhbhai | | |
| 8 | Satvik lokeshkumar Padhiyar | | |
| 9 | Nisarg Parekh | | |
| 10 | Khushali S. Shah | | |
| 11 | Hitanshu Munshi | | |
| 12 | Radadiya Vimal | | |
| 13 | Sarvang Paresh Dave | | |
| 14 | Dhruvin Gohil | | |
| 15 | Aniket Singapuri | | |
| 16 | PRINCE MAKWANA | | |
| 17 | Harsh vadchhak | | |
| 18 | Deep Prafullbhai Shah | | |
| 19 | Dalal Dhruvil Jignesh | | |
| 20 | Manthan Joshi | | |
| 21 | Neel Makhecha | | |
| 22 | Pooja Mehta | | |
| 23 | Samip Chetanbhai Karbhari | | |
| 24 | Ekta R Rathod | | |
| 25 | Smit Patel | | |
| 26 | Janvi Jobanputra | | |
| 27 | Nitin Thakkar | | |
| 28 | Mansi sisangiya | | |
| 29 | Naik Dhruv Pankajbhai | | |
| 30 | Dhrumil Parikh | | |
| 31 | Krutarth S Jaiswal | | |
| 32 | Tithi Bhatt | | |
| 33 | Purvesh Rathod | | |






**Grandling and Xcoding: Native and Cross Platform Mobile Application Development (Date: 03/07/2018)**






**Grandling and Xcoding: Native and Cross Platform Mobile Application Development (Date: 06/07/2018)**

# *"DEEP LEARNING FROM BASICS TO PRACTICE: HANDS-ON INTRODUCTION"*

# $10^{th}$-$15^{rd}$ December 2018

## 1. Event Brochure & Schedule



**Registration Form**

Six Days Workshop
On
"Machine Learning- An approach to achieve Artificial Intelligence and its applications"
18th – 23rd December, 2017

Name: _____

Designation: _____

IEEE Membership No: _____

Institute/Organization: _____

_____

Address: _____

_____

City: _____

Mobile: _____

E – Mail: _____

E Registration Code: _____

**Participants' type:**

Industry/Academia ☐ Student ☐

IEEE Member ☐

Amount: _____ Date: _____

Signature of Participant

Seal and Signature
Head of Institution

**Chief Patron**

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. B. G. Patel, Provost, CHARUSAT

**Patron**

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Chandubhai S. Patel Institute of Technology
Dr. Amit Ganatra, Dean, CSPIT

**Advisory Committee**

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Dr. S. P. Kosta, Advisor, CHARUSAT
Mr. Devang Joshi, Registrar, CHARUSAT

**Convener**

Prof. Parth D. Shah (M): 09925020358

**Coordinator**

Ms. Sonal P. Rami (M): 09879892061
Ms. Ayesha Shaikh (M): 09979771947

**Correspondence**

Mr. Ravi Patel (M): 09586398627
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Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697-265126 Fax: 02697-265007
E-mail: ravipatel.it@charusat.ac.in

Website: www.charusat.ac.in

**Chandubhai S. Patel Institute of Technology**
(A Constituent Institute of CHARUSAT)
**Department of Information Technology**
Organizes
A WORKSHOP
On
**"Machine Learning- An approach to achieve Artificial Intelligence and its applications"**

December 18th – 23rd 2017
In association with

acm Chapter CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHANGA - 388421,
DIST: ANAND, GUJARAT

## 2. Expert Details

| Sr. No. | Name of Expert | Affiliation |
|---|---|---|
| 1 | Dr. S. N. Mohanty | CSE Dept, GIT, Bhubaneswar. |
| 2 | Dr.Deepak Garg | CSE ,Dept, Bennett University, Delhi. |
| 3 | Dr.Kiran Trivedi | SSEC, Bhavnagar, Gujarat |
| 4 | Dr.Mehul Raval, | Ahmedabad University, Ahmedabad. |
| 5 | Mr. Mrudang Pandya, | IT Dept, CSPIT,CHARUSAT Changa. |
| 6. | Dr. Priyank Thakkar | Niram Uni Ahmedabad. |
| 7. | Dr. Ardhendu Behara | Bannet Uni. UK |

## 3. About The Event

In the last couple of years, deep learning algorithms have pushed the boundaries for numerous problems in areas such as Image, Speech, Text, Computer Vision and Language processing. Deep Learning (DL) is a set of machine learning algorithms that acquire data features and representations by submitting data to possibly multi-layered neural networks. This workshop is designed with a global scope aiming at updating participants about the most recent advances in the critical and fast developing area of deep learning. This workshop covers a wide spectrum of current exiting machine learning research and industrial innovation that provides more efficient algorithms to deal with large-scale data in NLP, computer vision, Social Media, Information Fusion, Speech and Image Processing, Language Processing, Text and Reinforcement Learning with Python. Participant also learn Deep Learning frameworks, Libraries and deal with dataset. Renowned academics and industry pioneers will lecture and share their views with the audience.

**Contents of the workshop**

- Introduction to Machine Learning, Deep learning and Big Data Analytics.
- Research issues in Deep Learning
- Python basics and its libraries like Numpy, Scikitlearn, pandas, Matplotlib, etc...
- Supervised learning and unsupervised learning with hands-on
- Neural Networks & Parameter and Hyper Parameter Tuning
- Neural Network tools with hands-on
- Deep Learning models
- Applying appropriate analytic techniques and tools to analyze big data, create statistical models, and identify insights that can lead to actionable results.
- Usage of tools such as: NVIDIA DIGIT platform, FloydHub-Deep Learning platform.
- Discussion on Various Case study.

## 4. Event Photograph




Deep Learning from basics to Practice: Hands-on Introduction 14-12-2018



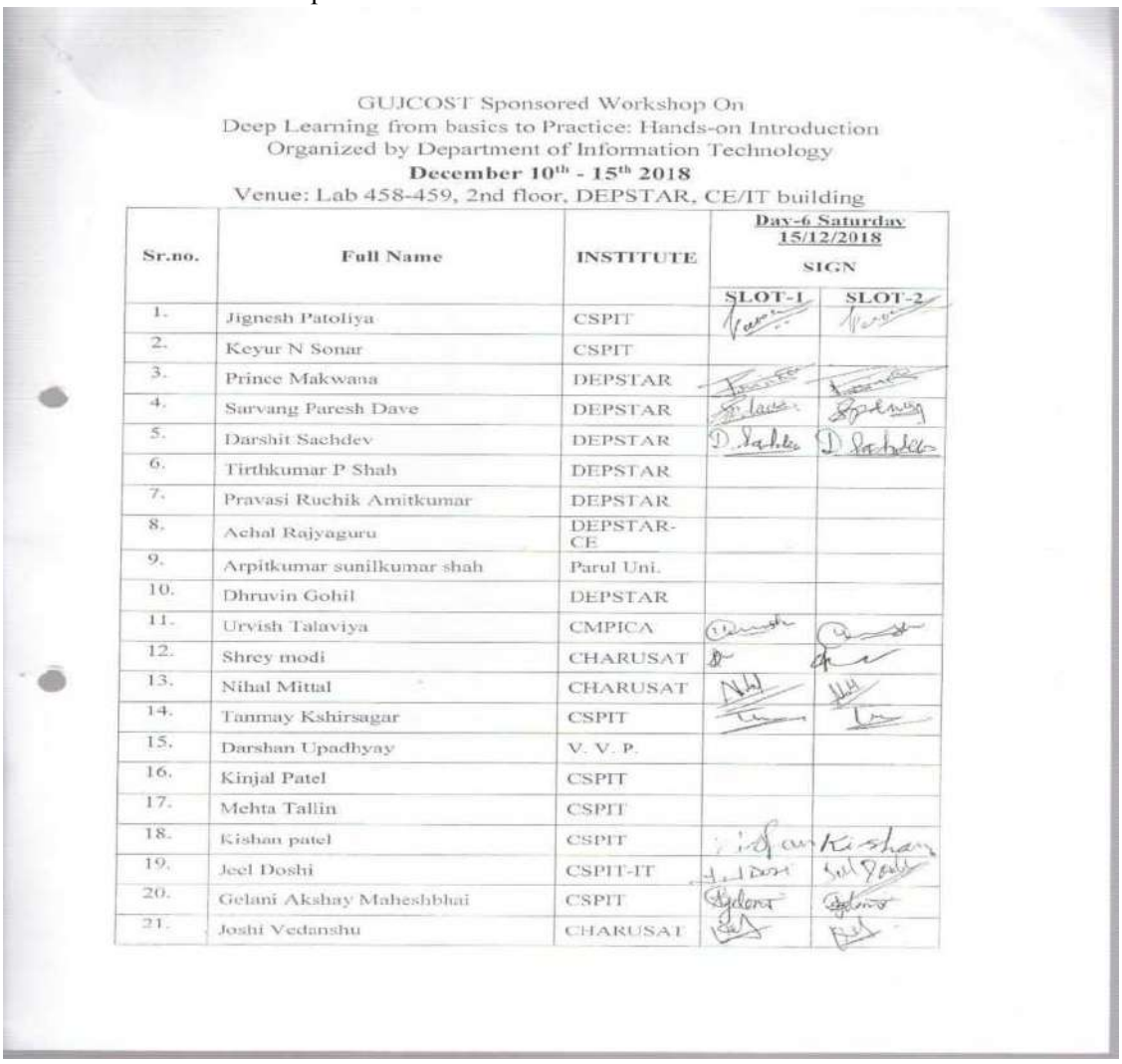

Deep Learning from basics to Practice: Hands-on Introduction 13-12-2018




Deep Learning from basics to Practice: Hands-on Introduction 14-12-2018

## 5. List of Participant

Total Number of Participant: - **46**



GUJCOST Sponsored Workshop On
Deep Learning from basics to Practice: Hands-on Introduction
Organized by Department of Information Technology
**December 10th - 15th 2018**
Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-6 Saturday 15/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-5 Friday 14/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | | |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45. | Riya Dhameliya | CSPIT | | |
| 46. | Dhruvil Patel | CSPIT | | |

GUJCOST Sponsored Workshop On
Deep Learning from basics to Practice: Hands-on Introduction
Organized by Department of Information Technology
**December 10th - 15th 2018**
Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-5 Friday 14/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-4 Thursday 13/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | | |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45. | Dhruvil Patel | CSPIT | | |
| 46. | Riya. | cspit. | | |

GUJCOST Sponsored Workshop On
Deep Learning from basics to Practice: Hands-on Introduction
Organized by Department of Information Technology
**December 10th - 15th 2018**
Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-4 Thursday 13/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-3 Wednesday 12/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | | |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45 | Dhruvil Patel | CSPIT | | |

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Deep Learning from basics to Practice: Hands-on Introduction
Organized by Department of Information Technology
**December 10th - 15th 2018**
Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-3 Wednesday 12/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-2 Tuesday 11/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | | |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45 | Dhruvil Patel | CSPIT | | |
| 46 | Riya Dhameliya | CSPIT | | |

GUJCOST Sponsored Workshop On

Deep Learning from basics to Practice: Hands-on Introduction

Organized by Department of Information Technology

**December 10th - 15th 2018**

Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-2 Tuesday 11/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-1 Monday 10/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | | |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45. | Dhruvil J. Patel. | CSPIT | | |
| 46. | Riya Dhameliya | CSPIT. | | |

GUJCOST Sponsored Workshop On

Deep Learning from basics to Practice: Hands-on Introduction

Organized by Department of Information Technology

**December 10th - 15th 2018**

Venue: Lab 458-459, 2nd floor, DEPSTAR, CE/IT building

| Sr.no. | Full Name | INSTITUTE | Day-1 Monday 10/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 1. | Jignesh Patoliya | CSPIT | | |
| 2. | Keyur N Sonar | CSPIT | | |
| 3. | Prince Makwana | DEPSTAR | | |
| 4. | Sarvang Paresh Dave | DEPSTAR | | |
| 5. | Darshit Sachdev | DEPSTAR | | |
| 6. | Tirthkumar P Shah | DEPSTAR | | |
| 7. | Pravasi Ruchik Amitkumar | DEPSTAR | | |
| 8. | Achal Rajyaguru | DEPSTAR-CE | | |
| 9. | Arpitkumar sunilkumar shah | Parul Uni. | | |
| 10. | Dhruvin Gohil | DEPSTAR | | |
| 11. | Urvish Talaviya | CMPICA | | |
| 12. | Shrey modi | CHARUSAT | | |
| 13. | Nihal Mittal | CHARUSAT | | |
| 14. | Tanmay Kshirsagar | CSPIT | | |
| 15. | Darshan Upadhyay | V. V. P. | | |
| 16. | Kinjal Patel | CSPIT | | |
| 17. | Mehta Tallin | CSPIT | | |
| 18. | Kishan patel | CSPIT | | |
| 19. | Jeel Doshi | CSPIT-IT | | |
| 20. | Gelani Akshay Maheshbhai | CSPIT | | |
| 21. | Joshi Vedanshu | CHARUSAT | | |

| Sr.no. | Full Name | INSTITUTE | Day-6 Saturday 15/12/2018 SIGN | |
|---|---|---|---|---|
| | | | SLOT-1 | SLOT-2 |
| 22. | Intwala Dhruv Rajesh | CSPIT-IT | D.R.Intwala | D.R.Intwala |
| 23. | Gohel Jaydeep pravinbhai | CHARUSAT | | |
| 24. | Kapatel Ayushi Sanatkumar | CSPIT | | |
| 25. | Mr. Arpit Avantilal Gothi | CSPIT-IT | | |
| 26. | Mr. Pawan Pravinbhai Khanapara | CSPIT-IT | | |
| 27. | Joshi Yaskumar Jigneshkumar | CSPIT | | |
| 28. | Vaghela neha | CHARUSAT | | |
| 29. | Jay V Doahi | CSPIT-IT | | |
| 30. | Kaila Abhi prakashbhai | CSPIT-IT | | |
| 31. | Dalsania Kishan Nareshbhai | CSPIT | | |
| 32. | Jay kanani | CSPIT | | |
| 33. | Mr. Yuvrajsinh Hareshbhai Zala | CSPIT-IT | | |
| 34. | Bhagirathsinh | CSPIT-IT | | |
| 35. | Dr.Hardik Modi | CHARUSAT | | |
| 36. | Mitrajsinh Mahendrasinh Jadeja | CSPIT-IT | | |
| 37. | Dixit Mansukhbhai kapuriya | Cspit | | |
| 38. | Gothi akshar shivrambhai | CSPIT-IT | | |
| 39. | Arjun Rupavatia | CSPIT-IT | | |
| 40. | Hritik Trivedi | DEPSTAR | | |
| 41. | Shrey Parekh | CSPIT-IT | | |
| 42. | Dipen Joshi | CSPIT | | |
| 43. | Adani Aneri Manish | CSPIT | | |
| 44. | Pathik Patel | CSPIT | | |
| 45. | Riya Dhameliya | CSPIT | | |
| 46. | Dhruvil Patel | CSPIT | | |

## 6. Certificate Copy



CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Chandubhai S. Patel Institute of Technology**
Faculty of Technology and Engineering

**Certificate of Participation**

This is to certify that

Mr./Ms./Dr./Prof. SAMPLE of

Actively participated in the GUJCOST Sponsored One week Workshop on
**"Deep learning from Basics to Practice:Hands-on Introduction"**

Organized by
Department of Information Technology,CSPIT
December 10th-15th,2018
at CHARUSAT Campus, Changa

IEEE
CHARUSAT Student Branch

| Priyanka Patel | Prof. Mrudang Pandya | Dr. Parth Shah | Dr. A.D.Pate |
|---|---|---|---|
| Workshop Coordinator | Workshop Convener | Head, IT Department | Principal |
| IT, CSPIT, CHARUSAT | IT, CSPIT, CHARUSAT | CSPIT, CHARUSAT | CSPIT, CHARUS |

Organized by
**Electronics & ICT Academy**

MNIT Jaipur
http://www.mnit.ac.in/eict

# Advanced Embedded Linux and Device Driver Development

**June 24 - 28, 2019**
**Venue: C S Patel Institute of Technology**
**CHARUSAT, Changa, Gujarat, India**
http://academymnit.wordpress.com

**Faculty Development Programme**
**Sponsored by**

Department of Electronics & Information Technology
Ministry of Communications & Information Technology
Government of India

Ministry of Electronics & Information Technology
meity.gov.in/content/schemes-projects

**Chairman, Advisory Board,** EICT Academy
Prof. Udaykumar R. Yaragatti
Director MNIT Jaipur

**Honorary Academic Chair**, EICT Academy
Prof. V. Sinha

**Chief Investigator**, EICT Academy
Prof. Vineet Sahula, ECE

**Co- Chief Investigators**, EICT Academy
Prof. L. Bhargava, ECE
Dr. Pilli Emmanuel Shubhakar, CSE
Dr. C. Periasamy, ECE
Dr. S. J. Nanda, ECE
Head, ECE (Prof. D. Boolchandani)
Head, CSE (Prof. Girdhari Singh)

**Preamble (Electronics & ICT Academy)**
Government of India had announced a National Policy on Skill Development, which has set a target of skilling 500 million people by 2022 in the domain of Electronics & IT. Under the plan scheme of "Digital India Manpower Development". MeitY has set up seven (07) Electronics and ICT Academies as a unit in 03 IITs, 03 NITs and 01 IIIT with an objective of faculty/mentor development/up gradation in the areas related to Electronics & ICT leading ultimately to improved employability of graduates/diploma holders. MNIT Jaipur has set up such an academy for providing specialized training to faculty and industry persons in the states/UTs of Rajasthan, Gujarat, Daman & Diu, Dadra Nagar Haveli.

**(A) Issues-**
1. IT Hardware and Electronics Manufacturing industry- availability of properly trained, skilled and qualified manpower
2. Number of quality PhDs generated in IT / Computer Science is very low
3. In E & ICT domain- there is a very high degree of obsolescence of existing technologies and faster emergence of newer technologies

**(B) Approach-**
1. A focused faculty training/updation programme for IT, Electronics and related sectors
2. Spreading up and continuous updation regarding Emerging Technology
3. Training and consultancy services for Industry
4. Design, Develop and Deliver specialized modules for specific research areas and Industry
5. Providing advice and support for technical incubation and entrepreneurial activities

The five days workshop on advanced embedded Linux and device driver development is organized for faculty members of science, engineering & technological institutions and persons from industry. During these five days, participants will learn the frame work of Linux device driver and architecture of ARM processor. Participant will be ready to develop industrial project based on embedded Linux, able to write custom device driver for ARM Linux. If a participant attends on all 5 days, one week FDP certificate is provided.

**[redacted]**
- Operating system fundamentals and Hands on Linux operating system
- Kernel Module programing and Linux Device driver development
- Boot loader configuration and development on PhyBoard-Wega ARM Board
- GPIO Driver development on ARM Processor
- MMC Domain in AM335x board and its implementation
- Hardware Access and Interrupt handling in ARM Processor

**[redacted]**
Experienced Industry Experts from TechVeda Hyderabad, AES Lab, Bangalore and e-Infochips, Ahmeadabad

**[redacted]**

| | | |
|---|---|---|
| Dr. Hiren Mewada | hirenmewada.ec@charusat.ac.in | 9725019975 (M) |
| Prof. Jignesh Patoliya | jigneshpatoliya@charusat.ac.in | 9727706794 (M) |
| Dr. Amit Joshi | amjoshi.ece@mnit.ac.in | 9549655371 (M) |

**[redacted]**
Registration is open to faculty, industry persons, doctoral and postgraduate students of programmmes related to Electronics and Comm. Engg, Computer Science and Electrical Engineering.
Participants will be admitted on first-come first-served basis.
Register on line at - http://www.mnit.ac.in/eict/acad_training_prg.php

**[redacted]**
(A) The one-time registration fee of Rs. 500/- is to be paid by each participant attending first time, irrespective of affiliation. This fee is not applicable for those participants, who have attended any academy training programme earlier.
(B) (i) The participants from academia and research scholars are required to pay a further fee of Rs. 2000/- (faculty/research-scholars). Rest expenditure is sponsored by MeitY through Electronics & ICT Academy at MNIT Jaipur.
(ii) The participants from industries, UG/PG students are required to pay a further fee of Rs. 5000/-.
(iii) Applicable relaxation for SC/ST candidate is 50%.
(iv) Fee once paid will not be refunded back, however, it may be adjusted to another FDP.
(C) The fee covers the participation in the programme, registration material including tutorial notes, boarding (breakfast/lunch) on all the days of the workshop. The travel and other expenses would have to be borne by the participants or their parent-organizations.
(D) Accommodation for a very limited number of participants in Hostel/Guest house of CSPIT campus can be arranged on first-come first-serve & additional payment basis.
(E) The organizers should receive the registration amount through online payment/NEFT/IMPS.




(F). Please pre-intimate your desire to participate and for accommodation to programme coordinator through e-mail, immediately after online registration.
→ For any other query else then this FDP, **email us at** academy@mnit.ac.in

Gmail FDP on advanced linux device driver + hirenmewada.ec@charusat.ac.in

Compose

Inbox 10,002
Starred
Snoozed
Sent
Drafts 193
8051_2015

Meet
New meeting
My meetings

Hangouts
Jignesh
7 Invites
mihir mehta, Aayushi Chaudhar…
KK Patel

8 of 15

# Call for participation in one week FDP on "Advanced Embedded Linux and Device Driver Development", June 24-28, 2019

Inbox ×

**Jignesh Patoliya** <jigneshpatoliya@charusat.ac.in> Fri, May 24, 2019, 10:43 AM
to Hiren

Dear Faculty members,

Please forward the following information to your faculty colleagues also.

V.T Patel Department of Electronics & Communication and Electronics & ICT Academy, MNIT Jaipur is organizing on **"Advanced Embedded Linux and Device Driver Development", June 24-28, 2019.** The target beneficiaries are fa research scholars of Engineering / Technical Institutes / Polytechnics colleges and Universities. The technical program will i art lectures, hands-on lab sessions, tool demonstrations, and discussion/presentation sessions.

Apply online using the "Apply Online" Link is given here and on website.

Online link: http://mnit.ac.in/eict/acad_training_prg.php

The complete course details and contents are given in the attached file.

The whole course will be delivered by Experienced Industry Experts fr

**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**
# Chandubhai S Patel Institute of Technology
# V.T. Patel Department of Electronics & Communication

# Report Summary
# Faculty Development Program
# On
# "Advanced Embedded Linux and Device Driver Development"

**Dates** :- 24 June to 28 June 2019

**No. of Participants: -** 22

**Organized by** :- EC Department, CSPIT, CHARUSAT

**Coordinators** :- Prof. Jignesh Patoliya and Dr. Hiren K Mewada

**Sponsored by: Electronics and ICT Academy, Malaviya National Institute of Technology (MNIT) - Jaipur**

**Resource Person** :-

- Mr. Ashuthosh Bhatt, eInfochip, Ahmedabad
- Mr. Raghav Maruthi, Tech Veda, Hyderabad
- Mr. Gopal Krishna P and Mr. Nageshawara Shiva Rao, AES Lab, Bagalore
- Dr. Amit Joshi, MNIT Jaipur
- Mr. Jignesh Patoliya, EC Department CSPIT, CHARUSAT
- Dr. Hiren Mewada, EC Department CSPIT, CHARUSAT

## Contents:

Technical sessions on:

- Operating system fundamentals and Hands on Linux operating system
- Kernel Module programing and Linux Device driver development
- Boot loader configuration and development on PhyBoard-Wega ARM Board
- GPIO Driver development on ARM Processor
- MMC Domain in AM335x board and its implementation
- Hardware Access and Interrupt handling in ARM Processor

## Brief of FDP :

FDP was started with providing anatomy of embedded System by Prof. Jignesh Patoliya. Then second session was on the fundamentals of the operating system where Dr. Hiren Mewada presented the characteristics of operating system and its basic fundamentals. Then Mr. Ashutosh introduced the need of device driver and provided hands on kernel module on the first day. Second day and third day, Mr. Raghav from Hyderabad presented the character device driver implementation. He covered in depth about the loadable device drivers stacks, locking mechanism. He presented the memory management in the kernel system and interposes communication between the various processes using threads and semaphore. All participants implemented the I2C protocols and SPI interface device driver. He ended the third day sessions with interrupt management. The participants have executed the various modules in Linux OS as per the guidance. On fourth day and fifth day, the experts Mr. Gopal and Mr. Shiva were presented the hardware approach in concerned with topics covered in first three days. They introduced the boot loader, board support packages and its configuration in Linux environment. They came with their ARM processor based board entitled "WEGA board". All the participants developed the device driver kernel module on this board. At the end, participants developed the LED device driver module on this board. An experts from the MNIT Jaipur visited the last two days of the program. He monitored all the session and also introduced the activities performed by the E & ICT Academy of MNIT Jaipur.

**All participants appeared for the quiz and then program was concluded with the handing out of Certificate to all participants.**

**Photographs:**




**Memory with Mr. Ashuthosh Bhatt, eInfochip, Ahmedabad**




**Memory with Mr. Raghav Maruthi, Tech Veda, Hyderabad**




**Memory with Mr. Gopal Krishna P and Mr. Nageshawara Shiva Rao, AES Lab, Bagalore**



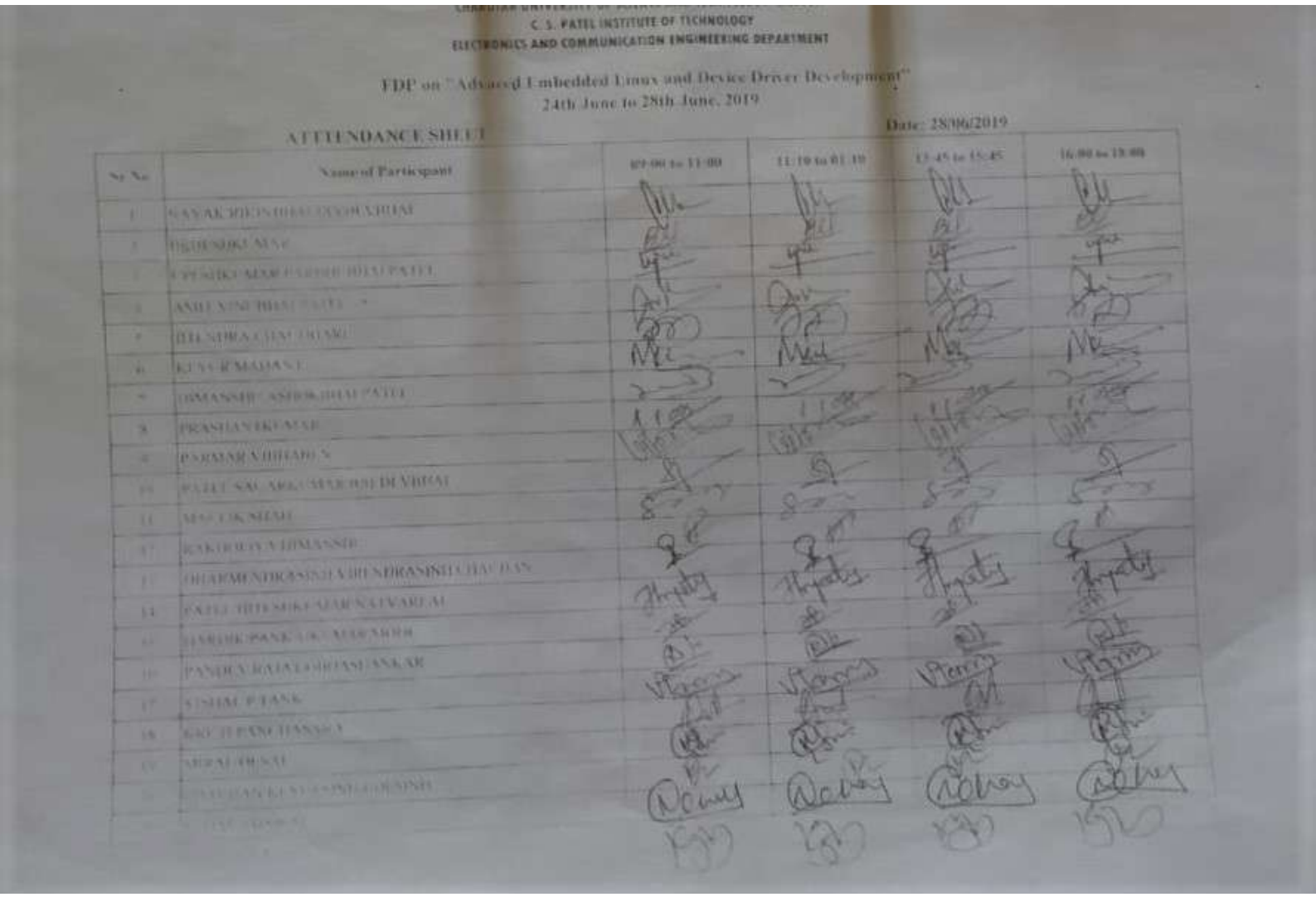

**Group Photo with Mr. Amit Joshi MNIT, Jaipur**




**Certificate distribution**

Prepared By:

Prof. Jignesh Patoliya and Dr. Hiren Mewada, EC Department, CSPIT



C. S. PATEL INSTITUTE OF TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

FDP on "Advanced Embedded Linux and Device Driver Development"
24th June to 28th June, 2019

ATTENDANCE SHEET

Date: 28/06/2019

| Sr No | Name of Participant | 09:00 to 11:00 | 11:10 to 01:10 | 13:45 to 15:45 | 16:00 to 18:00 |
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**Gujarat Council on Science & Technology (GUJCOST) Sponsored**

## Workshop on "Recent Trends in Mixed Signal VLSI Design"

**May 20 – 25, 2019**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

I am enclosing the demand draft/cheque in favour of "C.S.Patel Institute of Technology-Changa" payable AtAnand as registration fees.

**Fee Details:**

Academia ☐ Student ☐

Industry ☐

Signature of Participant

Head of
Department/ Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, Kelavani Mandal
Dr. Pankaj Joshi, Provost, CHARUSAT

### Patron

Dr. A. D. Patel, Principal
Chandubhai S. Patel Institute of Technology

### Advisory Committee

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Dr. S. P. Kosta, Advisor, CHARUSAT
Shri Ashok Patel, Advisor, CHARUSAT
Dr. H.J. Jani, Advisor, CHARUSAT
Dr. B.G Patel, Advisor, CHARUSAT
Shri Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Trushit Upadhyaya, Head, EC Department
CSPIT, CHARUSAT

### Coordinator

Dr. Arpita P Patel (M) : 9428661555
Prof. Dhara P Patel (M):09825030772

### Correspondence

Prof. Dhara P Patel

V. T. Patel Department of Electronics and Communication Engineering
C.S. Patel Institute of Technology

Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat

Ph. No. 02697 – 265070 Fax: 02697 - 247100
E-mail : dharapatel.ec@charusat.ac.in

Website: www.charusat.ac.in

# Chandubhai S. Patel Institute of Technology

**(A Constituent Institute of CHARUSAT)**

## V. T. Patel Department of Electronics and Communication Engineering

organizes

WORKSHOP

ON

**"Recent Trends in Mixed Signal VLSI Design"**

**May 20 - 25, 2019**

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHANGA - 388421,
DIST: ANAND, GUJARAT

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelavani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc.

CHARUSAT is a dynamically growing research led university with nearly 5500+ students and more than 350 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

CSPIT is constituent institute of CHARUSAT. The institute offers UG, PG and Ph.D programs in EC, ME, CE, IT, EE and Civil Engineering. It is established with a view to promote excellence in engineering education and to prepare the young talent to meet challenges of engineering and technology.

## About the Department

V. T. Patel Department of Electronics and Communication Engineering of CSPIT, CHARUSAT is dynamically growing, fostering and offering diversities within its community. Excellence in UG and PG teaching and integration of research and education are core values of the department. The EC department is committed to excel in teaching, innovation and research. The department currently offers B. Tech., M. Tech., and Ph. D. Programs where it attracts outstanding students. The PG enrolment stands at more than 35 and Ph.D. enrolment stands more than 50. Research activities are undergoing in emerging area of Microelectronics, Electromagnetic and Antenna Design, Satellite and Wireless Communication, Image & Video Processing, Optical Communication & Next generation networks. The department is reacting rapidly to the changing technological landscape by adapting quickly to industry demands. It is also committed to adapt industry practices.

## About the Workshop

VLSI Design has become an important domain in the field of Digital and Analog circuits. The aim of the workshop is to provide a basic knowledge of design concepts in VLSI Design and motivate the students towards research in the field of VLSI. This workshop provides the knowledge of Cadence EDA tool, and also provides hands on exposure to key features and aspect of Virtuoso Schematic Editor, Analog Design Environment, Virtuoso layout suite and Virtuoso Spectre Simulator.

## Outline of Content

* The way to bridge the gap between Academia and VLSI Industry
* Overview of FINFET Technology
* SRAM cell architecture and its Peripheral circuitry (particularly sense amplifier).

**Lab session includes**:

* Characterization of MOSFET second order effects.
* Design and anlysis of single stage amplifier
* Design and anlysis of Single stage operational amplifier and two stage operational amplifier
* Layout design flow of CMOS Common source stage.

## Resource Persons

**Dr. R. A Thakker**, VGEC, Chandkheda,Gandhinagar

**Dr. Mitesh Limbachiya**, DDIT, Nadiad

**Mr. Kishan Suthar**, Senior Analog Design Engineer, Singularity Labs Pvt Ltd, Gandhinagar

## Registration Fees

| | |
|---|---|
| **Students (UG/PG/PhD):** | Rs. 500 |
| **Academician:** | Rs. 750 |
| **Industry Personnel:** | Rs. 1000 |

## For Whom

* Final and Pre Final year B. E./B. Tech Students
* Students of M. E./M. Tech and Ph. D
* Faculty Members of Engineering Colleges
* Industry Personnel

## Important Date

**Last date of Registration: 10/05/2019**

## How to reach?



CHARUSAT

Dhara Patel <dharapatel.ec@charusat.ac.in>

# GUJCOST Sponsored STTP on "Recent Trends in Mixed Signal VLSI Design"

5 messages

**Dhara Patel** <dharapatel.ec@charusat.ac.in> Thu, Apr 18, 2019 at 1:45 PM
To: CSPIT <cspit@charusat.ac.in>

Dear Sir/Madam,

Greetings !!!

We are pleased to inform you that the V.T Patel Department of Eelctronics and Communication Engineering is going to organize GUJCOST sponsored STTP on **"Recent Trends in Mixed Signal VLSI Design"** during **May 20 - 25, 2019.**

The brochure of the workshop is attached herewith for your reference.

Registration Link : https://forms.gle/SsbnKT2g72Bj8Gv2A

Looking forward to meet you in the workshop.

Best Wishes
--

--
Dhara P Patel
Assistant Professor,
EC Department, CSPIT
CHARUSAT-Changa-388421
M:9825030772

**Recent Trends in Mixed signal VLSI_Brouchure.pdf**
476K

**Dhara Patel** <dharapatel.ec@charusat.ac.in> Thu, Apr 18, 2019 at 1:50 PM
To: Manthan Manavadaria <manthanmanavadaria.ec@charusat.ac.in>

Dear sir.....

Kindly upload on Website.

Thank you
[Quoted text hidden]

**Recent Trends in Mixed signal VLSI_Brouchure.pdf**
476K

V T Patel Department of Electronics and Communication Engineering,

Chandubhai S. Patel Institute of Technology (CSPIT),

Charotar University of Science & Technology (CHARUSAT), CHANGA, Gujarat.

**Report on STTP on Recent Trends in Antenna Design**

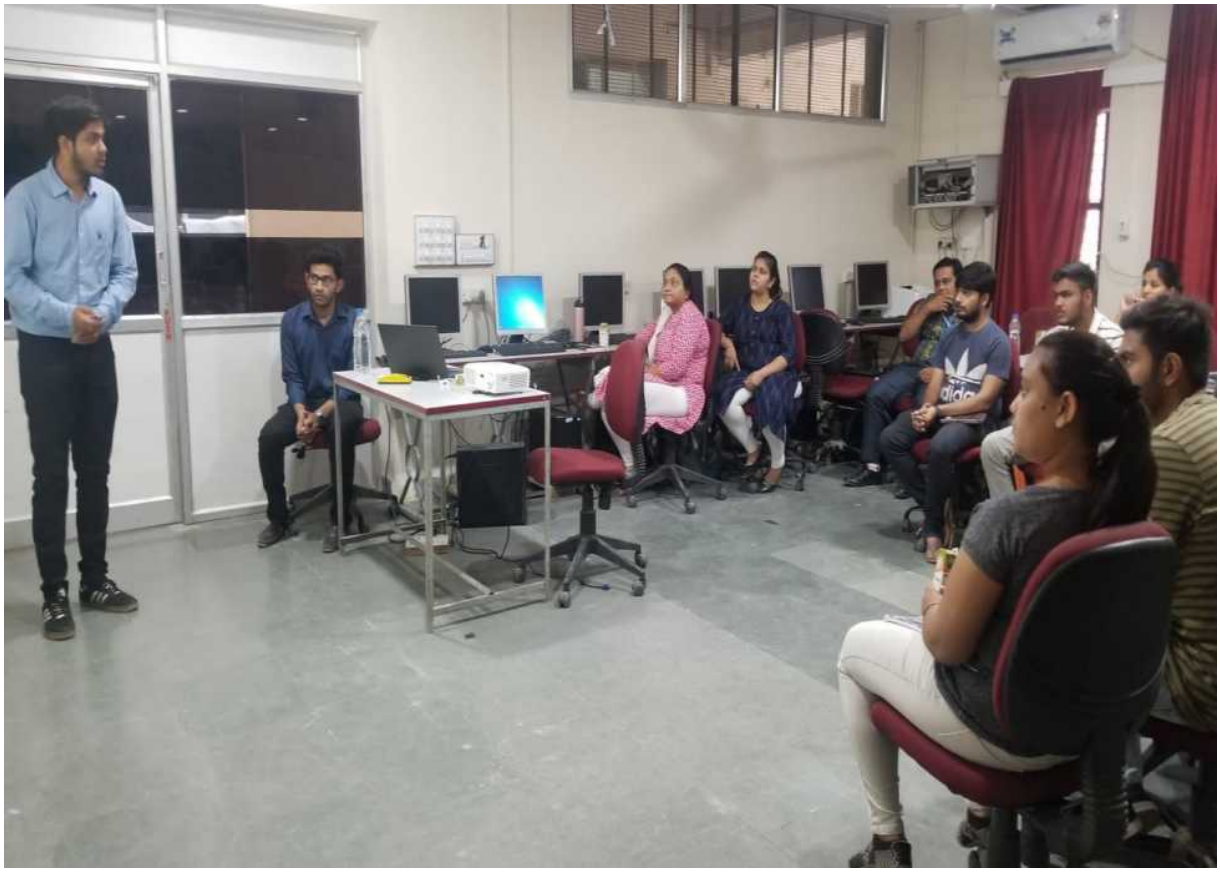
| | | |
|---|---|---|
| 1 | Title of the Programme | Recent Trends in Mixed Signal VLSI Design |
| 2 | Category: | (Seminar/Symposium/Workshop/STTP/Conference/etc.) |
| 3 | Date/s and Duration: | 20th to 25th May,2019 ,6 Days |
| 4 | Venue | V T Patel Department of Electronics & Communication Engineering |
| 5 | Dignitary/s present at inaugural function: | (i) Name: Dr. Trushit Upadhyay<br>(ii) Designation : Head,EC department<br>(iii) Name of institute : CSPIT<br>(iv) Contact details :<br>EC dept,CSPIT,CHARUSAT,Changa<br>07874840344(Cell)<br>Email : trushitupadhyay.ec@charusat.ac.in |
| 6 | Invited speaker / Expert: | Date: 20/05/19<br>Name: Mr.Kishan Suthar<br>Designation: Senior RF engineer<br>Institute: Singularity labs.Pvt.Ltd<br>Topic: The way to bridge the gap between Academia and VLSI Industry<br>Contact Details: |
| | | Date: 21/05/19<br>Name: Prof. Dhara Patel<br>Designation: Assistant Professor<br>Institute: Charusat,changa<br>Topic: Introduction to cadence virtuoso and Visualization of Channel length modulation, body bias effect,Subthreshold conduction.<br>Contact Details: dharapatel.ec@charuat.ac.in |
| | | Date: 22/05/19<br>Name: Dr. Miteshkumar Limachia<br>Designation: Associate Professor<br>Institute: DDIT, Nadiad<br>Topic: SRAM Cell Architecture and its Peripheral Circuitry<br>Contact Details: |

| | | |
|---|---|---|
| | | Date: 23/05/19<br>Name: Prof. Dhara Patel<br>Designation: Assistant Professor<br>Institute: Charusat,changa<br>Topic: Post layout simulations, Concepts of Differential amplifier, Input Common Mode Range (ICMR), Common Mode Rejection Ratio (CMRR), Slew Rate (SR), Gain Bandwidth Product (GBW)<br>Contact Details: dharapatel.ec@charuat.ac.in |
| | | Date: 24/05/2019<br>Name: Dr. Rajesh A Thakker,<br>Designation: Professor<br>Institute: VGEC, Chandkheda, Gandhinagar<br>Topic: Overview of FINFET Technology |
| 7 | Program summary (200 words). Technical brochure / leaflet (attached) | A Short Term Training program on Recent Trends in Mixed Signal VLSI Design was organized during 20th to 25th May 2019 by V.T Patel Department of Electronics and communication, Chandubhai S. Patel Institute of Technology, CHARUSAT University, Changa. The main objective of the program was to create awareness among the participants regarding the recent Mixed Signal VLSI design concepts as FINFET technology, SRAM and sense amplifier design and functionality, the gap between academic and VLSI industrial and hands on practices on cadence virtuoso tool. The STTP was coordinated by Dr. Arpita Patel (Assistant Professor, EC Department) and Prof. Dhara P Patel (Assistant Professor, EC Department). Total 32 participants including faculty members, research scholar, academicians, and students registered for this STTP. Eminent speakers from Institution like Vishwakarma Government Engineering college, Chandkheda, Dharamsinh Desai University and Singularity labs pvt. Ltd Gandhinagar to deliver the talk. Dr. R. A Thakker from V.G E.C Chandkheda delivered a talk on the overview of FINFET Technology. Dr. Mitesh Limbachia from DDIT Nadiad touched upon the recent trends in SRAM design and Sense amplifier. Mr.Kishan Suthar from Singularity Labs Pvt. Ltd discussed about the gap between academia and VLSI industry. Prof Dhara P Patel has covered the hands-on for characterization of MOSFET, short channel effects, design of common source CMOS amplifier, Design of single stage op-amp, Design of two stage op-amp. She also focused on layout of single stage op-amp. |

**List of participants**

| Sr. No | Name of Participant | Student / Academician / Industry Person | Institute |
|---|---|---|---|
| 1 | Thakkar Kishan M | B. Tech Student | EC, CSPIT |
| 2 | Israni Rahul M. | B. Tech Student | EC, CSPIT |
| 3 | Karan K Patel | B. Tech Student | EC, CSPIT |
| 4 | Sagar B. Patel | B. Tech Student | EC, CSPIT |
| 5 | Marvania Darshak B | B. Tech Student | EC, CSPIT |
| 6 | Aditya Jariwala | B. Tech Student | EC, CSPIT |
| 7 | Parikshit Rathod | B. Tech Student | EC, CSPIT |
| 8 | Ishan Patel | B. Tech Student | EC, CSPIT |
| 9 | Jaimin Pandwar | B. Tech Student | EC, CSPIT |
| 10 | Nirali Patel | B. Tech Student | EC, CSPIT |
| 11 | Dhruvi Parikh | B. Tech Student | EC, CSPIT |
| 12 | Kishan Julasana | B. Tech Student | EC, CSPIT |
| 13 | Devarshi Wadnerkar | M. Tech Student | EC, CSPIT |
| 14 | Prachi Mathpal | M. Tech Student | EC, CSPIT |
| 15 | Vishvan P Mistry | M. Tech Student | EC, CSPIT |
| 16 | Keyur sutariya | M. Tech Student | EC, CSPIT |
| 17 | Shah Pankti | M. Tech Student | EC, CSPIT |
| 18 | Archit Rajbhar | B. Tech Student | EC, CSPIT |
| 19 | Patel Mansi A | B. Tech Student | EC, CSPIT |
| 20 | Patel Masi S | B. Tech Student | EC, CSPIT |
| 21 | Maesil Liza James | B. Tech Student | EC, CSPIT |
| 22 | Patel sujal R | B. Tech Student | EC, CSPIT |
| 23 | Pandya Utkarsh | B. Tech Student | EC, CSPIT |
| 24 | Patel Jay | B. Tech Student | EC, CSPIT |
| 25 | Tanna Utsav | B. Tech Student | EC, CSPIT |
| 26 | Patel Yash | B. Tech Student | EC, CSPIT |
| 27 | Pandya Ketul | B. Tech Student | EC, CSPIT |
| 28 | Parikshit Rathode | B. Tech Student | EC, CSPIT |
| 29 | Vinit Shah | B. Tech Student | EC, CSPIT |
| 30 | Jaimin Patel | B. Tech Student | EC, CSPIT |
| 31 | Smit Babaria | B. Tech Student | EC, CSPIT |
| 32 | Jal sule | B. Tech Student | EC, CSPIT |

Patel
Dhara P Patel



Workshop Day -1, Project Lab -II, EC building, 20 May 2019



Workshop Day -2, Project Lab -II, EC building, 21 May 2019



Workshop Day -4, Project Lab -II, EC building, 22 May 2019




Workshop Day -6, 25 May 2019

## Registration Form

Gujarat Council on Science & Technology (GUJCOST) Sponsored

Short Term Training Program on

# Recent Trends in Antenna Design

**February 18-23, 2019**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

Signature of Participant

Seal and Signature
Head of
Department/ Institution

### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, Kelavani Mandal
Dr. Pankaj Joshi, Provost, CHARUSAT

### Patron

Dr. A. D. Patel, Principal
Chandubhai S. Patel Institute of Technology

### Advisory Committee

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Shri Ashok Patel, Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. H.J. Jani, Advisor, CHARUSAT
Dr. B.G Patel, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Trushit Upadhyaya, Head, EC Department
CSPIT, CHARUSAT

### Coordinators

Dr. Falguni Raval, Dr. Killol Pandya
EC Department, C S. Patel Institute of Technology
CHARUSAT

### Correspondence

Dr. Falguni Raval(M) : 09979769618

V. T. Patel Department of Electronics and Communication Engineering
C.S. Patel Institute of Technology

Charotar University of Science and Technology
Changa – 388421, Dist: Anand, Gujarat

E-mail : falguniraval.ec@charusat.ac.in
Website: www.charusat.ac.in

CHARUSAT

**Chandubhai S. Patel Institute of Technology**
(A Constituent Institute of CHARUSAT)

**V. T. Patel Department of Electronics And Communication Engineering**

Organizes

**GUJCOST SPONSORED SHORT TERM TRAINING PROGRAM**

on

**RECENT TRENDS IN ANTENNA DESIGN**

**February 18-23, 2019**

In association with

Gujarat Council on Science & Technology
Department of Science & Technology,
Government of Gujarat
Investing in science Investing in the future

**Charotar University of Science and Technology, Changa 388421 Anand, Gujarat**

### About the University

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### About the Short Term Training Program

The short-term training program aims to cover the challenging and exciting field of Antenna. The exploding demand for higher spectral efficiency in radio has spurred a renewed interest in antenna design beyond conventional design techniques. In addition, research advances in antenna design are continuous and deliver promises in next-generation human-friendly appliances. The short-term training program also focuses on the key research area of antenna design in diversified areas like Metamaterial antenna, flexible antenna and reconfigurable antenna . Eminent speakers from industries like SAC-ISRO, Sahajanand Laser, PRL and institutions like IITs will cover latest's trends in the antenna design. The short-term training program will also have hands-on sessions on HFSS software for participants.

### Contents

This training program would cover following:
Basics of antennas, recent trends of antenna design like Metamaterial antennas, SIW antennas, Flexible antenna, Inkjet printed antenna and Hands on Exercise.

### Registration Fees / Important Dates

| Category | Registration Fees |
|---|---|
| B.Tech/ M.Tech Students | Rs. 500/- |
| Faculty from CSPIT | Rs 750/- |
| Research Scholars | Rs.2000/- |
| Academician/Industry Personnel | Rs. 3000/- |

The faculties from the academic institutions, industries personnel, research scholars, M. Tech and B. Tech students can also participate in the program.

All payments should be made by cash only.

Last Date of Registration: **10/02/2019**

**Registration Link**

https://goo.gl/forms/m8L0vZnbroa2mlM62

### How to reach?



CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Dr. Killol Pandya <killolpandya.ec@charusat.ac.in>**

# GUJCOST Sponsored Short Term Training Program on "Recent Trends inAntenna Design"

6 messages

**Falguni Raval** <falguniraval.ec@charusat.ac.in> Wed, Feb 6, 2019 at 10:06 AM
To: ec <ec@charusat.ac.in>

boxbe This message is eligible for Automatic Cleanup! (falguniraval.ec@charusat.ac.in) Add cleanup rule | More info

Dear Sir / Madam,

It's our pleasure to inform you that V. T. Patel Department of Electronics and Communication Engineering, Chandubhai S. Patel Institute of Technology, Charotar University of Science and Technology is organizing GUJCOST Sponsored One Week Short Term Training Program on **"Recent Trends in Antenna Design"** from 18th Feb to 23rd Feb, 2019.

The brochure of the STTP is attached herewith.

Register on https://goo.gl/forms/fdSIsVoxVWnThrZu2 before 10th Feb., 2019

Anticipating your kind cooperation.
For any query contact us.

Thanking you.

**GUJCOST_STTP_Flyer_Recent_trends_in_antenna_design_1.pdf**
255K

**Trushit Upadhyaya** <trushitupadhyaya.ec@charusat.ac.in> Wed, Feb 6, 2019 at 11:31 AM
To: ec <ec@charusat.ac.in>

Dear Sir / Madam,

Please circulate to known groups for higher participation.

Regards,
Trushit Upadhyaya

On Wed, Feb 6, 2019 at 10:06 AM Falguni Raval <falguniraval.ec@charusat.ac.in> wrote:

Dear Sir / Madam,

It's our pleasure to inform you that V. T. Patel Department of Electronics and Communication Engineering, Chandubhai S. Patel Institute of Technology, Charotar University of Science and Technology is organizing GUJCOST Sponsored One Week Short Term Training Program on **"Recent Trends in Antenna Design"** from 18th Feb to 23rd Feb, 2019.

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Anticipating your kind cooperation.
For any query contact us.

Thanking you.

---

**killol pandya** <killolpandya.ec@charusat.ac.in> Thu, Feb 7, 2019 at 4:35 PM
To: Anish Vahora <anish.vahora@bvmengineering.ac.in>

Register your self in the link

[Quoted text hidden]
[Quoted text hidden]

---

**Anish Vahora** <anish.vahora@bvmengineering.ac.in> Wed, Feb 13, 2019 at 12:55 PM
To: killol pandya <killolpandya.ec@charusat.ac.in>

Dear sir

please find my registration form with this mail

Sir, can you please send reply on this mail of confirmation So, I can fill my leave report.

Thanks

**Prof. Anish Vahora**

B.E., M.E., PhD (Pursuing)

Department of Electronics & Communication Engineering,

Birla Vishvakarma Mahavidyalaya Engineering College,

Vallabh Vidyanagar- 388120. Gujarat, INDIA.

[Quoted text hidden]

[Quoted text hidden]

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**STTP.PDF**
1045K

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**killol pandya** <killolpandya.ec@charusat.ac.in> Thu, Feb 14, 2019 at 5:20 AM
To: Anish Vahora <anish.vahora@bvmengineering.ac.in>

Dear Anish,

We confirm your participation for the aforesaid program. You are also requested to fill the required information in the following link.
https://goo.gl/forms/fdSIsVoxVWnThrZu2

Wishes.
[Quoted text hidden]
--

**Dr. Killol Pandya**
**Department of Electronics and Communication,**
**Chandubhai S Patel Institute of Technology(CSPIT),**
**CHARUSAT(Accredited with grade A by NAAC).**
**Contact No:7600004093**
**Extension No:5072.**

---

**Anish Vahora** <anish.vahora@bvmengineering.ac.in> Thu, Feb 14, 2019 at 10:06 AM
To: killol pandya <killolpandya.ec@charusat.ac.in>

Thank you sir for reply.
[Quoted text hidden]

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
## Chandubhai S. Patel Institute of Technology
## V. T. Patel Department of Communication

Report Summary

GUJCOST Sponsored Short Term Training Program on

## Recent Trends in Antenna Design

Dates: February 18- February 23, 2019

No. of Participants: 31

Organised by: Dr. Falguni Raval

Dr. Killol Pandya

Respurce Person: Dr. Jayesh Pabari

Shri Ravi Hegde

Shri Anil Sisodiya

Dr. Sanjeev Gupta

Dr. R K Malaviya

Contents:

Technical session on

- Microwave circuits
- Active antennas
- Antenna applications in planetary science
- Practical antenna measurement systems
- Micro strip patch antenna and its applications
- Active integrated circuits

The aim of the training [program is to cover challenging and exciting field of antenna. The exploding demand for higher spectral efficiency in radio has spurred a renewed interest in antenna design beyond conventional design techniques. In addition, research advances in antenna design are continuous and deliver promises in next generation human friendly applications. The short term training program also focus on key area such as microwave circuits, active antennas, antenna applications in planetary science, practical antenna measurement systems, micro strip patch antenna and its applications, and active integrated circuits.




February 23, 2019

Dr. Falguni Raval
Dr. Killol Pandya

Charotar University of science & Technology
Short Term Training Program on "Recent Trends on Antenna Design"
February 18-23, 2019
Registration Details

| Sr No. | Name | Student / Academician /Industry Person | Signature |
|---|---|---|---|
| 1 | AESHA PRAGNESHBHAI PATEL | M.Tech/ B.Tech Student | |
| 2 | ALPESH VALA | Academician/Industry Person | |
| 3 | AMITKUMAR V PATEL | Academician/Industry Person | |
| 4 | ANISHBHAI VAHORA | Research Scholar | |
| 5 | CHARMI D PATEL | M. Tech/ B. Tech Student | |
| 6 | BHARGEN SHAH | SRF, CSRTC | |
| 7 | Dr. TRUSHIT UPADHYAYA | Academician | |
| 8 | DHARA M PATEL | Research Scholar | |
| 9 | JITENDRA PRABHAKAR CHAUDHARI | Academician/Industry Person | |
| 10 | KANWAR PREET KAUR | Research Scholar | |
| 11 | KEYUR MAHANT | Academician/Industry Person | |
| 12 | KHUSHBOO PANDIT | M. Tech/ B. Tech Student | |
| 13 | MONALI RAKESHKUMAR DAVE | Research Scholar | |
| 14 | PANDEY RAJAT GIRJASHANKAR | Academician | |
| 15 | PARUL HARESHBHAI PANCHAL | Research Scholar | |
| 16 | PATEL DHRUV Y | M. Tech/ B. Tech Student | |
| 17 | PATEL DHRUVRAJ KIRITBHAI | M. Tech/ B. Tech Student | |
| 18 | PATEL GAURANGKUMAR KHODABHAI | Academician/Industry Person | |
| 19 | PATEL HITESHKUMAR NATVARLAL | Academician/Industry Person | |
| 20 | PATEL PARTH RAJENDRAKUMAR | M. Tech/ B. Tech Student | P. R. Patel |
| 21 | PATEL SHOUNAK GIRISHBHAI | M. Tech/ B. Tech Student | |
| 22 | PATEL UTKARSHKUMAR VIJAYBHAI | M. Tech/ B. Tech Student | |
| 23 | POONAM THANKI | Research Scholar | |
| 24 | RAJDIPTA SARKAR | M. Tech/ B. Tech Student | |
| 25 | RISHIKUMAR BIPINBHAI PATEL | M. Tech/ B. Tech Student | |
| 26 | SHUBHAM PATEL | M. Tech/ B. Tech Student | |
| 27 | UPESH P PATEL | Research Scholar | |
| 28 | VAGHELA RASHMI BHUPENDRABHAI | M. Tech/ B. Tech Student | R. B. Vaghela |
| 29 | VARSHA KISHORBHAI GOHIL | M. Tech/ B. Tech Student | V.S. Khesadiya |
| 30 | VISHAL TANK | Research Scholar | |
| 31 | VRAJ ALPESHKUMAR PATEL | M. Tech/ B. Tech Student | V. A. Patel |






February 18, 2019

## Registration Form

**Short Term Training Program**
**On**
**Challenges and Solution in Electrical Power System**

21st May– 26th May, 2018

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

I am enclosing the demand draft in favor of "Principal, C.S. Patel Institute of Technology-Changa" payable at Anand as registration fees.

**Fee Details:**

Academia ☐ Student ☐

Industry/R&D Organizations ☐

Amount: _____ Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date: Signature of Participant

Seal and Signature
of Head of Institution

### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. B. G. Patel, Provost, CHARUSAT

### Patron

Dr. A. D. Patel, Principal
Chandubhai S. Patel Institute of Technology

### Advisory Committee

Dr. Amit Ganatra, Dean, FTE
Mr. Ashok Patel, Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Praghnesh Bhatt (M): 9427339896
HOD EE

### Coordinator

Jigar Sarda (M): 7567702409

### Co-Coordinators

Mihir Patel (M): 9723315488
Jignesh Patel (M): 9978794997

### Correspondence

Jigar Sarda
Coordinator
M&V Patel Department of Electrical Engineering
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 5043 Fax: 02697 - 247100
E-mail: jigarsarda.ee@charusat.ac.in
Website: www.charusat.ac.in

# M&V Patel Department of Electrical Engineering

## Chandubhai S Patel Institute of Technology

(A Constituent Institute of CHARUSAT)

**Organizes**
**Short Term Training Program**
**On**

## Challenges and Solutions in Electrical Power System

**21st May – 26th May, 2018**

**In association with:**

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY · GOVERNMENT OF GUJARAT ·

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Charotar University of Science and Technology**
**Changa - 388421,**
**Dist: Anand,**
**Gujarat**

## About The University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra-modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT currently offers professional education in Engineering, Pharmacy, Computer Application, Business Management, Applied Sciences, Physiotherapy and Nursing.

## About The Institute

CSPIT is a pioneer institute of CHARUSAT. The institute offers UG, PG and PhD programs in EE, ME, CE, IT, EC and Civil Engineering. The institute is established with a view to promote excellence in engineering education and to prepare the young talent to meet challenges of engineering and technology.

## About The Department

Department of Electrical Engineering offers UG, PG (Power System) and PhD programs. It is equipped with high-tech laboratories for power system protection, electrical machines, PE & Drives, high voltage, PLC & Instrumentation and DSP. The department is also having a simulation lab with the highly professional software such as Power Factory, CYME, MI Power, PSCAD, MATLAB/Simulink, PSIM, PSPICE and SKM Power Tool.

## Objective

At the end of the program, the participants will be able to:

- Understand the issues that the vast grid is facing
- Analyse mathematically / simulate such system problems and appreciate the existing innovative solutions.
- Apply the knowledge / offer solutions for modern power grid issues

## Course Content

The electricity is the most essential and vital ingredient for the growth of the nation in the social, industrial, commercial, and agricultural sectors. The growth of power sector at a rapid rate plays a crucial role in the economic progress of any country. The Indian Power Sector has taken a quantum leap in electricity generation and has reached to capacity of 300 GW. The reforms, restructuring of power sector and private participation are all the outcomes of the Electricity Act 2003. They lead to improved quality and reliability of power supply and satisfy the ever-increasing demand for electrical energy consumption. Nowadays, the existing electrical power grid, which is fitted largely with 20th century infrastructure, is transformed to 21st century standards to create greater efficiencies, reliability and the integration of renewable energy sources. This transformation of the electrical grid is named as "Smart Grid". Smart Grid is a novel and innovative model for the utility grid, with a vision towards operation and control of the power system as efficiently as possible. For operating this emerging power system in a secure manner, a sound knowledge of its characteristics, operation, control, modeling and simulations, are very much imperative for the electrical engineers. The electrical power system is undergoing a transformation with UHVAC, HVDC, large scale renewable penetration, new protection options and smart grid developments. It is prudent to discuss challenges in the grid connected systems due to these developments and innovation to tackle the issues. The discussion in the course may include the challenges like grid stability, small – signal stability, congestion management and ATC, renewable and microgrid integration issues, FACTS device selection and performance. Also, system modelling, generation and load forecasting, power system transients, state-of-art protection, smart grid and related focus, use of computer and AI techniques for solving system issues etc. will be the part of the course. The mode of delivery would be the chalk-board, presentations and hands-on simulations. The eminent professors, researchers, designers and engineers contributing in these areas will deliver the lectures during the program and share their experience and expertise with the participants. The course will benefit to the participants from academics, R&D institutions, utility engineers, research scholars and students.

## Registration Fees

| | |
|---|---|
| Research Scholars/Students | Rs. 1000/- |
| Academia | Rs. 1500/- |
| Industry/R&D Organizations | Rs. 2000/- |

The registration fees for the participation include the charges for lecture notes, refreshment and lunch. All payment should be made by a demand draft drawn in favor of "Principal, C.S. Patel Institute of Technology, Changa", payable at Anand. The completed registration form duly forwarded by the Head of the Institution, accompanied by the demand draft should reach the course coordinator on or before **14th May, 2018.**

## Important Dates

Last date of receiving application : 14/05/2018
Notification about selection: 18/05/2018

## Accommodation

Registration fee does not cover the travel and accommodation charges. The accommodation can be arranged on payment basis by informing coordinators in advance up to 19/05/2018.

Attendance Sheet of STTP on Challenges and solution in Electrical Power System held at 17/12/2018 TO 22/12/2018

| SR.NO | FACULY PARTICIPANTS |
|---|---|
| 1 | Maulik J. Shah |
| 2 | Mihir R. Patel |
| 3 | Jignesh S. Patel |
| 4 | Pratik Mochi |
| 5 | Vibha Parmar |
| 6 | Nilay Patel |
| 7 | Dharmesh Dabhi |
| 8 | Mihir Bhatt |
| 9 | Jigar Sarda |
| 10 | Pratik Panchal |
| 11 | Ankur Patel |
| 12 | Dr. Kartik Pandya |
| 13 | Jigar Sarda |
| 14 | Shoaib Saiyad |
| 15 | Mihir Mehta |
| 16 | Kishan Patel |

MIHIR PATEL

ASSISTANT PROFESSOR

COORDINATOR

| Sr no. | Name of Participant |
|---|---|
| 1 | PATEL DARSHAN D. |
| 2 | PATEL NISHTHA |
| 3 | PATEL RIKIN |
| 4 | CHAUDHARI JOGESHKUMAR |
| 5 | KRISHNAVADAN JOSHI |
| 6 | SHUBHAM JANI |
| 7 | PATHAN ANAMFATMA |
| 8 | ANJALI BACHANI |
| 9 | TRIPATHI DEVESH HARISH |
| 10 | SMIT KISHOR SITUT |
| 11 | VYAS DHRUV VISHNUBHAI |
| 12 | VADADORIYA HEERENKUMAR B. |
| 13 | DHAVALSINH VALA |
| 14 | VHORA ANJARBHAI HASANBHAI |
| 15 | DHANANI DIVYESH CHUNILAL |
| 16 | TIWARI ABHISHEK SHIVKUMAR |
| 17 | RAJ SHIVRAJSINH BALVANTSINH |
| 18 | RATHORE SHAILENDRA AMAR SINGH |
| 19 | VAIBHAV SINGH |
| 20 | SINDHAYACH MILAN ANIRUDDHSINH |
| 21 | GODVANI PARTH GOPALBHAI |
| 22 | VAISHNAV ASHISHKUMAR A. |
| 23 | VAGHELA KARTIKSINH M. |
| 24 | RATANPARA DARSHIT P. |
| 25 | PATEL HARNISH RAJESHBHAI |
| 26 | CONTRACTOR DEEP RITESH |
| 27 | GERIYA VIVEK SANJAYBHAI |
| 28 | BHUVA RUSHI KANTILAL |
| 29 | DESAI MANAN PRADIPKUMAR |

Jigar Sarda
Coordinator
Electrical Engineering
CSPIT, CHARUSAT

Mihir Patel
Coordinator
Electrical Engineering
CSPIT, CHARUSAT

Nilay Patel
Convener
Electrical Engineering
CSPIT, CHARUSAT

# Report of STTTP on "Challenges and Solutions in Electrical Power System."

The electrical grid was developed in early 19th century. Since then the demand for the electrical energy has increased at a rapid speed and still growing with a fast pace. The number of power plants during this period has also got multiplied several times. Now due to this aging infrastructure and old technology we are facing a lot of problem like Blackout, Power quality, considerable waste of energy, power theft with many more.

The future is **"Intellectric"** that is intelligent electricity-electric energy that is secure, clean and efficient. This is major challenge of electric engineering in different fields. The role of an electrical engineer is to integrate science, technology and business world and hence to make things happen. Engineering is about finding ways to modify the universe and life in order to extend our biological reach, the quality of our lives, and the niches in which we can survive. Technology is the means of improving human life by the application of all knowledge and experience. Innovation is the successful introduction of something new. It is not enough to pursue the ways of nature or to find how we can modify nature. If engineering is to have a strong say about the future, it needs to become integrated with science, society and humanistic concerns. 21st century engineers will need to be astute makers, trusted innovators, agents of change, master integrators, enterprise enablers, technology stewards and knowledge handlers.

The smart grid is adding smartness to electric grid by adding smart devices like wireless sensor networks that provide real time information quickly. The smart grid includes adding renewable resources, self-healing, real time two way communications between power utilities and consumers etc. The smart grid is divided into four parts as generation, distribution, transmission and consumer side.

The STTP covers emerging topics like Solar, batteries and EVs disrupt energy industry? Optimisation techniques, FACTS controllers, Renewable Energy Sources, Load Forecasting, SSR mitigation etc. Although participates will get hands on experienced o software like MATLAB, GAMS, ORANGE, WEKA.

In this STTP total number of participations is 29. Total 17 sessions are arranged based on different challenges and solution in electrical power system.


Jigar Sarda
Coordinator
Electrical Engineering
CSPIT, CHARUSAT

Mihir Patel
Coordinator
Electrical Engineering
CSPIT, CHARUSAT

Nilay Patel
Convener
Electrical Engineering
CSPIT, CHARUSAT




**Organiser of STTP on Challenges and solution in Electrical Power System**




**Inauguration of STTP on Challenges and solution in Electrical Power System**

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Kartik S. Pandya <kartikpandya.ee@charusat.ac.in>**

# Fwd: Approval of the proposal for Endowment Chair Activity of Electrical Engineering Department, CSPIT

1 message

**Nilay Patel** <nilaypatel.cem@charusat.ac.in> Thu, Aug 16, 2018 at 11:53 AM
To: "Kartik S. Pandya" <kartikpandya.ee@charusat.ac.in>

---------- Forwarded message ---------
From: **Dr. Harish Desai** <harishdesai.adm@charusat.ac.in>
Date: Thu, 16 Aug 2018, 11:42 am
Subject: Approval of the proposal for Endowment Chair Activity of Electrical Engineering Department, CSPIT
To: Dr. A D Patel <adpatel.cspit@charusat.ac.in>, Amit Ganatra <amitganatra.ce@charusat.ac.in>, Nilay Patel <nilaypatel.cem@charusat.ac.in>
Cc: bhavdip patel <bhavdippatel.acc@charusat.ac.in>

Dear Sir,

This has a reference to your proposal dated Aug 08, 2018, regarding approval of the proposal for Endowment Chair Activity for Department of Electrical Engineering, CSPIT.

As directed, I am to inform you that, your above proposal is approved along with the financial assistance of Rs. 1,00,000/-.

However, you are requested to utilize this budget sparingly.

This is for your information and further necessary action.

With regards,

**Dr Harish Desai**
**Dy. Registrar**
**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**
**CHARUSAT Campus, Changa,**
**Anand District - 388 421 Gujarat (INDIA)**
**Phone: 02697-265008**

## Endowment Chair Report of Dr. S. N. Singh at EE dept., CSPIT: AY 2018-19

- Dr. Sri Niwas singh , the VC of MMMUT, UP and professor in Dept. of Electrical Engineering, CSPIT, CHARUSAT acted as an Endowment chair at Electrical Engg. Dept, CSPIT for AY 2018-2019 in 14-15 Dec., 2018.
- He delivered the lectures entitled, "Key Issues and Challenges in Smart Grid Implementation" and entitled "Intelligent System Applications to solve Engineering Problems" during his visit.
- The attendees were Graduate, Post- Graduate, Ph. D Students and staff members of the dept.
- Each lecture was of 1.5 Hour duration.
- 15 minutes were devoted for Q and A sessions.
- Dr. singh visited all labs of the EE dept. and he gave suggestions to enhance the lab facility for the students.
- Overall, the Endowment chair activity successfully completed.

Kpandya

Dr. Kartik S. Pandya

(Endowment Chair Coordinator)

STUDENT Attendance Sheet of Endowment Chair Activity on "Key Issues and Challenges in Smart Grid Implementation" 13/12/2018 TO 14/12/2018

| SR.NO | FACULY PARTICIPANTS |
|---|---|
| 1 | Maulik J. Shah |
| 2 | Mihir R. Patel |
| 3 | Jignesh S. Patel |
| 4 | Pratik Mochi |
| 5 | Vibha Parmar |
| 6 | Nilay Patel |
| 7 | Dharmesh Dabhi |
| 8 | Mihir Bhatt |
| 9 | Jigar Sarda |
| 10 | Pratik Panchal |
| 11 | Ankur Patel |
| 12 | Dr. Kartik Pandya |
| 13 | Jigar Sarda |
| 14 | Shoaib Saiyad |
| 15 | Mihir Mehta |
| 16 | Kishan Patel |

Dr. Kartik Pandya

PROFESSOR

COORDINATOR

STUDENT Attendance Sheet of Endowment Chair Activity on "Key Issues and Challenges in Smart Grid Implementation" 13/12/2018 TO 14/12/2018

| | | |
|---|---|---|
| 1 | 16EE060 | PEETHAMAL KULDEEP NAGAJAN |
| 2 | 17EE001 | ATALIA SNEHA KIRTISINH |
| 3 | 17EE002 | BABU AHSAAN TAUFIQUE |
| 4 | 17EE003 | BACHANI ANJALI KHEMCHANDRAY |
| 5 | 17EE004 | BHARGAV BHATT |
| 6 | 17EE005 | BHATT HRITIK NILESH |
| 7 | 17EE006 | BHATT MEET KALPESHKUMAR |
| 8 | 17EE007 | BRAHMBHATT AVADH RAKESHBHAI |
| 9 | 17EE008 | BRAHMBHATT TIRTH ATULBHAI |
| 10 | 17EE009 | CHAUDHARI JIGARKUMAR HARISINGBHAI |
| 11 | 17EE010 | CHAUDHARI PALLAVKUMAR SHAILESHBHAI |
| 12 | 17EE011 | CHRISTIE AZY ASHISH |
| 13 | 17EE012 | DAVE DEEP YOGESH |
| 14 | 17EE013 | DAVE SHIVRAJ BHAVESHBHAI |
| 15 | 17EE014 | DESAI SMIT HEMANTBHAI |
| 16 | 17EE016 | GAJERA VIRAL RAJESHBHAI |
| 17 | 17EE019 | HEDA PANKIL SUNILKUMAR |
| 18 | 17EE020 | SHUBHAM H JANI |
| 19 | 17EE021 | JOSHI KATHAN AJAYKUMAR |
| 20 | 17EE022 | JOSHI KRUNIK BHARATBHAI |
| 21 | 17EE024 | KADIYA JAY NIKHILKUMAR |
| 22 | 17EE025 | KASODHAN RAKESH RAMAKANTBHAI |
| 23 | 17EE026 | KESUR VISHAL SANJAYBHAI |
| 24 | 17EE027 | MEHTA JAIMAL PARESHKUMAR |
| 25 | 17EE028 | MUNGRA TRUSHIL RAJESHBHAI |
| 26 | 17EE029 | SHUBHAM H JANI |
| 27 | 17EE030 | PARAJIYA NEEL ANILBHAI |
| 28 | 17EE032 | PATEL AKASH ASHOKBHAI |
| 29 | 17EE033 | PATEL AKASHKUMAR KIRITKUMAR |
| 30 | 17EE034 | PATEL AKSHAY SUBHASHBHAI |
| 31 | 17EE036 | PATEL DEEPKUMAR DHARMESHBHAI |

Dr. Kartik Pandya

PROFESSOR

COORDINATOR



**Introduction of Endownment chair Guest Professor Dr. S N SINGH by organiser Dr. K S Pandya**

CHARUSAT

DEPSTAR

## Registration Form

One week Workshop
On
*Data Analytics using Python and R-Programming*
25th March to 29th March, 2019

Name: _____

Designation: _____

Institute: _____

_____

Address: _____

_____

City: _____

Mobile: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science and Technology" payable at Changa as registration fees.

E – Mail: _____

Fees Details:

Academia ☐ Student ☐

Industry/R&D Organizations ☐

Cheque /Demand Draft No: _____

Bank and Branch: _____

Amount: _____ Date: _____

Signature of Participant

Seal and Signature
Head of Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj S. Joshi, Provost, CHARUSAT

### Patron

Dr. Amit Ganatra, Dean, FTE, Principal – DEPSTAR, CHARUSAT

### Advisory Committee

Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B. G, Patel, Advisor, CHARUSAT
Dr. H. J. Jani, Advisor, CHARUSAT

### Convener

Dr. Amit Ganatra, Dean – FTE, Principal – DEPSTAR, CHARUSAT

### Coordinators

Mr. Parth Goel, CE Dept., DEPSTAR
Email: parthgoel.ce@charusat.ac.in
Ms. Dweepna Garg, CE Dept., DEPSTAR
Email: dweepnagargl.ce@charusat.ac.in
Mr. Mohammed Bohara CE Dept., DEPSTAR
Email: mohammedbohara.ce@charusat.ac.in
Contact No: 7405370028
Ms. Mitali Dave, IT Dept., DEPSTAR
Email: mitalidave.ce@charusat.ac.in
Contact No: 9979863164

**Accommodation will be made available on a request.**

CHARUSAT

DEPSTAR

**Devang Patel Institute of Advance Technology and Research**
**(A Constituent Institute of CHARUSAT)**
**Department of Computer Engineering**
**Organizes**

# GUJCOST

**Sponsored**
**One Week Workshop**
**On**
**Data Analytics using Python and R-Programming**

**25th March to 29th March, 2019**

**In association with:**

Gujarat Council on Science and Technology, Government of Gujarat

Computer Society of India, ESTD. 1965

Dst, Department of Science & Technology, Government of Gujarat

**Charotar University of Science and Technology**
**Changa - 388421,**
**Dist: Anand, Gujarat**
**https://www.charusat.ac.in/DPIATR/**

## About The University

Charotar University of Science and Technology (CHARUSAT) has been conceived by Shri Charotar Moti Sattavis Patidar Kelavani Mandal - a not for profit premier education trust of India having a social lineage of more than 122 years. CHARUSAT has been established by promulgation of Gujarat Private University Act, 2009. It is empowered to confer degrees under Section 22 of UGC Act, 1956. It is the first state university getting "A" Grade in the first cycle by NAAC with CGPA of 3.11. It is also accredited with Grade "A" by KCG. Govt. of Gujarat. Presently, CHARUSAT offers 67 programs from UG to Ph.D. under the tutelage of 8 Institutes and 6 Faculties. They are in the allied disciplines of Technology & Engineering, Pharmacy, Computer Applications, Management Studies, Applied Sciences, Nursing, Physiotherapy, and other Paramedical Sciences. All education programs are semester based and are delivered in English Medium. Credit and Grading Systems are followed for Teaching, Learning and Evaluation. Curriculum and Pedagogy at CHARUSAT correspond with societal needs. CHARUSAT strives to prepare students for global assignments. It aims to make its students Job Creators and not Job Seekers.

## About The Institute

Devang Patel Institute of Advance Technology and Research- (DEPSTAR), Changa is the eighth institute, established under education campus of CHARUSAT. The institute is managed through a think tank of technocrats, administrators, scientists and engineers, educationalist, businessmen, stakeholders and other well-wishers from all parts of the world. The institute now has total intake of 300 in Computer Engineering, Information Technology and Computer Science and Engineering. ***The institute received grant of NVIDIA GPU card namely NVIDIA Titan Xp from NVIDIA Graphics Pvt. Ltd. worth Rs. 1,25,000/- for developing deep learning projects in CHARUSAT.***

## About The Department

Department of computer engineering commenced in 2017. It offers UG program with 120 seats as present intake. The department is equipped with high-tech laboratories and is progressing at a rapid pace with the development in terms of infrastructure facilities and upgraded syllabi. All the faculty members of the department are M.E/ M.Tech and pursuing their Ph.D. They have experience from all diverse fields of computer and IT sector.

## Course Objective

The main aim of the workshop is to acquaint the participants with real time problem solving ability related to Data Analytics. Nowadays, Python and R programming language are the most well-suited language for Data Analytics. It would be mainly hands-on session which would depict that how to perform data analytics on data and get the meaningful information.

## Contents of the workshop

1. Python Basics (data types, functions, modules, packages etc.)
2. Python libraries like Pandas, Numpy and Matplotlib for Charting & Data Representation.
3. Data preprocessing in Python
4. Data Mining Tools
5. Machine Learning using Python-scikit learn
6. TensorFlow and Keras
7. Introduction to R programming and statistics using R
8. Supervised learning and unsupervised learning with hands-on

## Resource Persons

Eminent speakers from Industries and Academia.

## Registration Fees

The program is open for the faculties, research scholars and the B.Tech/M.Tech students of Computer Engineering/Computer Science and Engineering/Information Technology/ Electronics and Communication Engineering/MCA/M.Sc. IT disciplines of any institute/ university.

**Registration fees:**

| | CSI | Non-CSI |
|---|---|---|
| **CHARUSAT UG/PG Students** | Rs. 800/- | Rs. 1000/- |
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

Registration fees include tea/coffee and lunch to the registered participants along with the workshop certificate. ***Registration fees will be Non-refundable.***

***Maximum participants: 40. First come first served basis.***

## Important Dates

Last date of registration 20/03/2019. Confirmation email would be sent to the registered candidates on 22/03/2019.

## How to Register?

All the interested candidates' needs to register online by clicking on the link: https://goo.gl/forms/Fh1C1xKnbqeEXDbp2

## How to reach?

See Charotar University of Science and Technology (CHARUSAT) (https://goo.gl/maps/EiWKAytZdjE2) in Google Maps.

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH**

**A Report on**

**One-week Workshop entitled**

**"Data Analytics using Python and R-Programming"**

**in association with**

**Date**: 25th - 29th March 2019

**Day**: Monday-Friday

**Time**: 09:30 am – 4:20 pm

**Venue**: Lab-458-459, CE/IT Building, CHARUSAT

**Faculty Coordinators:**

Mr. Parth Goel
Ms. Dweepna Garg
Mr. Mohamed Bohara
Ms. Mitali Dave

**Resource Persons:**

Dr. Amit Ganatra
Mr. Mohamed Bohara
Mr. Parth Goel
Mr. Mrugendra Rahevar
Mr. Dhaval Bhoi
Ms. Nikita Bhatt

Devang Patel Institute of Advance Technology and Research (DEPSTAR) always inspire students for the overall development in academics and co-curricular activities. The institution is devoted to intellectually vibrant atmosphere of research and imparts education in learning of sciences. The main aim is to make the students aware about the latest technologies so as to make them capable of having a better stand in society. Nowadays, it is observed that not only faculties but students are also interested to know and learn about Data Analytics techniques in order to produce meaningful knowledge. Keeping this in mind, Devang Patel Institute of Advance Technology and Research (DEPSTAR), a constituent of CHARUSAT had organized GUJCOST sponsored one-week workshop on "Data Analytics using Python and R-Programming" for students and faculties. The workshop was conducted from 25th March 2019 to 29th March 2019 by Computer Engineering Department.

A total of 38 UG students participated in the workshop. Lab 458-459 of CE/IT building was booked for conducting the workshop. The workshop timings were from 9:30 am – 4:20 pm. Registration fees details were as given below.

| | **CSI** | **Non-CSI** |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

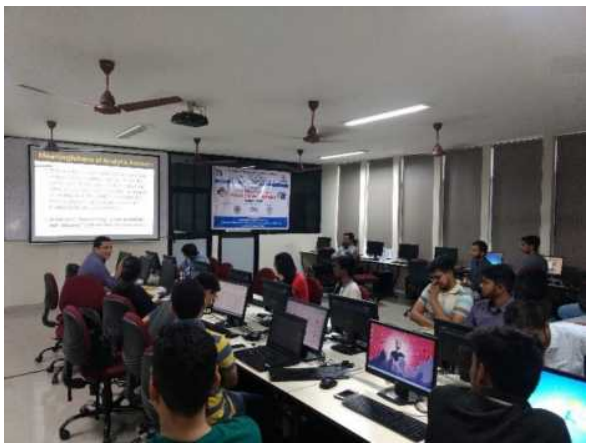
The following topics were included:

1. Data Analytics and Machine Learning: An Introduction
2. Python Programming Basics
3. Python Libraries – Pandas, Numpy, Matplotlib etc…
4. Supervised and Unsupervised Data Analytics Tools
5. Machine learning with R
6. Data Analytics Libraries – TensorFlow and Keras
7. Data Analytics using Orange
8. Sentiment Analysis

The day wise session details are as below:

## Day-1 (25th March, 2019)

The session was initiated by Dr. Amit Ganatra (Principal-DEPSTAR, Dean – FTE). He started the session by giving introduction of Data Analytics. He demonstrated the use of Orange tool for analysis of Data using example of Tennis player. Various features of the tools with their usage were explained to the participants. The tenure of this session was two hours.





Session by Dr. Amit Ganatra

After the completion of the session, lunch break was given to the students and the post-lunch session was carried out by Mr. Mohamad Bohara (Assistant Professor-Dept. of Computer Engineering, DEPSTAR). He started with the basics of Python programming and software to work with python programming. He introduced participants to the web scrapping tool in python and how to use that tool.



Session by Mr. Mohammed Bohara

## Day-2 (26th March, 2019)

Mr. Mrugendra Rahevar (Assistant Professor, CE Department, CSPIT, CHARUSAT) has conducted the full day session. He discussed about how to generate data frame on any given data along with the usage of Pandas library and Matplotlib library. In post lunch session, demonstration and explanation of how to use Matplotlib for graphical representation of the data frame generated were given to the participants.





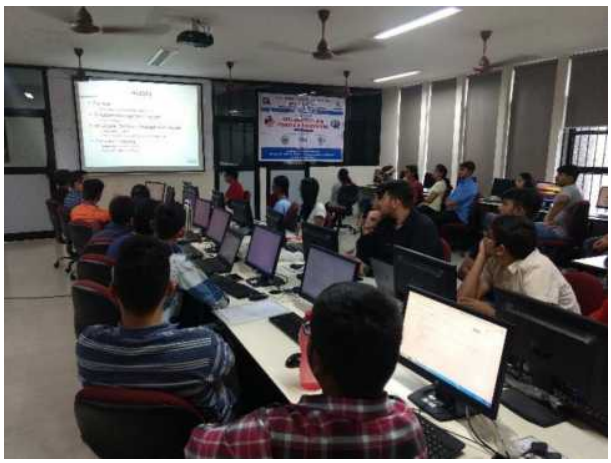
Session by Mr. Mrugendra Rahevar

## Day-3 (26th March, 2019)

Morning session was taken by Dr. Amit Ganatra. He enlightened participants with knowledge of research activities in the areas of Opinion, Sentiment, Emotion and/or Mood in natural language texts, speech, music and other media and explained features of Orange tool used for sentiment analysis and how sentiment analysis is done with the example of Twitter API.

Post Lunch session was taken by Mr. Mohammed Bohara Sir. He explained about KNN classifier and Logistic Regression algorithms used in machine learning. Participants were given knowledge about various recommender systems like Content-Based and Collaborative Filtering with some popular models such as Train/Test Split, Gradient Descent, and Mean Squared Error.





Session by Dr. Amit Ganatra

## Day-4 (27th March, 2019)

The morning session was started by Ms. Nikita bhatt (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT). She started with introduction to Machine Learing Techniques. She explained various supervised, non- supervised algorithms as well as explained the difference between the reinforcement techniques and supervised algorithms. After that this session was continued by Mr. Dhaval Bhoi (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT). He started with R programming and covered different packages of R programing and briefed about how R programming is useful for statistical

calculations. Apart from this, covered how one can use R programming to work with machine learning and different features provided by R programming.




Session by Mr. Dhaval Bhoi

## Day-5 (28th March, 2019)

Mr. Parth Goel (Assistant Professor, Department of Computer Engineering, DEPSTAR) started the first session with introduction to image analytics. He focused on mathematics behind the analysis of data and image. In post lunch session, use of Keras and Tenserflow libraries were explained to participants. Along with that current research issues were pointed out by Mr. Parth Goel which will be helpful for participants to find direction for research.




Session by Mr. Parth Goel







**Some Glimpse of Certificate Distribution**




**Group photo of participants with workshop coordinators**

Feedback was taken from the participants at the end of workshop. In total 15 participants filled the feedback form. Evaluation of Feedback is as per given below:

**Evaluation of Feedback**

**Data analytics using Python and R-Programming**

**Date:** 25th -29th March, 2019

**Time:** 9:30 PM to 4:20 PM

**Venue:**Lab-458-459, CE/IT building

| Sr. No. | Statements | Excellent (in %) | Very Good (in %) | Good (in %) | Poor (in %) |
|---|---|---|---|---|---|
| 1 | The Theme of the workshop & it's aim | 53.3 | 46.6 | 0 | 0 |
| 2 | The Workshop arrangement | 46.6 | 53.3 | 0 | 0 |
| 3 | Workshop facilities viz. labs, buildings | 53.3 | 33.3 | 13.3 | 0 |
| 4 | The Catering arrangement and Foods | 46.6 | 26.6 | 13.3 | 13.3 |
| 5 | The workshop content and it's Presentation | 73.3 | 26.6 | 0 | 0 |
| 6 | The workshop timing and pace | 26.6 | 53.3 | 20 | 0 |
| 7 | The Expert's talk | | | | |
| | A. Dr. Amit Ganatra | 33.3 | 66.7 | 0 | 0 |
| | B. Mr. Mohammed Bohara | 80 | 20 | 0 | 0 |
| | C. Mr. Parth Goel | 66.6 | 33.3 | 0 | 0 |
| | D. Mr. Mrugendra Rahevar | 73.3 | 26.6 | 0 | 0 |
| | E. Mr. Dhaval Bhoi | 73.3 | 13.3 | 13.3 | 0 |
| | F. Ms. Nikita Bhatt | 53.3 | 26.6 | 20 | 0 |
| | **Average:** | **51.85%** | **38.68%** | **7.55%** | **1.92%** |

Report Prepared by:

Ms. Mitali Dave
Assistant Professor
Devang Patel Institute of Advance Technology and Research (DEPSTAR)

| CHAROTAR UNIVERSIY OF SCIENCE AND TECHNOLOGY | | | |
|---|---|---|---|
| Devang Patel Institute of Advance Technology and Research Department of Computer Engineering | | | |
| GUJCOST sponsored One week workshop on "Data Analytics using Python and R-Programming" | | | |
| List | | | |
| Sr. No. | Full Name | Designation | Institute |
| 1 | Jay Rathod | UG-Student | DEPSTAR,CHARUSAT |
| 2 | Mitkumar Suthar | UG-Student | CSPIT,CHARUSAT |
| 3 | Shilpi Parikh | UG-Student | CSPIT,CHARUSAT |
| 4 | Tirthkumar Shah | UG-Student | DEPSTAR,CHARUSAT |
| 5 | Vivek Parmar | UG-Student | DEPSTAR,CHARUSAT |
| 6 | Ruchik Pravasi | UG-Student | DEPSTAR,CHARUSAT |
| 7 | Harsh Thoriya | UG-Student | CSPIT,CHARUSAT |
| 8 | Achal Rajyaguru | UG-Student | DEPSTAR,CHARUSAT |
| 9 | Kamal Kakadiya | UG-Student | DEPSTAR,CHARUSAT |
| 10 | Smit Patel | UG-Student | DEPSTAR,CHARUSAT |
| 11 | Love Patel | UG-Student | CSPIT,CHARUSAT |
| 12 | Juhie Motiani | UG-Student | DEPSTAR,CHARUSAT |
| 13 | Aditya Patel | UG-Student | DEPSTAR,CHARUSAT |
| 14 | Tanushree Kurup | UG-Student | DEPSTAR,CHARUSAT |
| 15 | Kshitij Antani | UG-Student | DEPSTAR,CHARUSAT |
| 16 | Yash Makadiya | UG-Student | DEPSTAR,CHARUSAT |
| 17 | Shubha Mendapara | UG-Student | DEPSTAR,CHARUSAT |
| 18 | Raghav Modi | UG-Student | CSPIT,CHARUSAT |
| 19 | Yash Patel | UG-Student | DEPSTAR,CHARUSAT |
| 20 | Rohan Mehta | UG-Student | DEPSTAR,CHARUSAT |
| 21 | Siddharth Mali | UG-Student | DEPSTAR,CHARUSAT |
| 22 | Vaishvi patel | UG-Student | DEPSTAR,CHARUSAT |
| 23 | Rutvik Joshi | UG-Student | DEPSTAR,CHARUSAT |
| 24 | Parthkumar Kanani | UG-Student | CSPIT,CHARUSAT |
| 25 | Hardev Khandhar | UG-Student | CSPIT,CHARUSAT |
| 26 | Ghanshyam Patel | UG-Student | DEPSTAR,CHARUSAT |
| 27 | Brijesh Shah | UG-Student | DEPSTAR,CHARUSAT |
| 28 | Hirenkumar Parmar | UG-Student | DEPSTAR,CHARUSAT |
| 29 | Dhruvi Shah | UG-Student | CSPIT,CHARUSAT |
| 30 | Anushka Sandesara | UG-Student | CSPIT,CHARUSAT |
| 31 | Pratyay Sapovadiya | UG-Student | CSPIT,CHARUSAT |
| 32 | Saloni Shah | UG-Student | CSPIT,CHARUSAT |
| 33 | Akshat Shah | UG-Student | CSPIT,CHARUSAT |
| 34 | Yukta Khatsuria | UG-Student | CSPIT,CHARUSAT |
| 35 | Darshil Shah | UG-Student | CSPIT,CHARUSAT |
| 36 | Paurav Thakkar | UG-Student | CSPIT,CHARUSAT |
| 37 | Dhruv Shah | UG-Student | CSPIT,CHARUSAT |
| 38 | Akshar Patel | UG-Student | DEPSTAR,CHARUSAT |
| 39 | Mohammed Husain Bohara | Faculty | DEPSTAR,CHARUSAT |
| 40 | Anirudh Fataniya | Faculty | CSPIT,CHARUSAT |
| 41 | Khushi Patel | Faculty | DEPSTAR,CHARUSAT |
| 42 | Krishna Patel | Faculty | DEPSTAR,CHARUSAT |
| 43 | Radhika Patel | Faculty | DEPSTAR,CHARUSAT |




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CHARUSAT

DEPSTAR

## Registration Form

One week Short Term Training Program (STTP)
On
*Internet of Things (IOT): Enabling Technologies, Applications, Challenges & Research Opportunities*
4th February to 9th February, 2019

Name: _____

Designation: _____

Institute: _____

_____

Address: _____

_____

City: _____

Mobile: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science and Technology" payable at Changa as registration fees.

E – Mail: _____

Fees Details:

Academia ☐ Student ☐

Industry/R&D Organizations ☐

Cheque /Demand Draft No: _____

Bank and Branch: _____

Amount: _____ Date: _____

Signature of Participant

Seal and Signature
Head of Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj S. Joshi, Provost, CHARUSAT

### Patron

Dr. Amit Ganatra, Dean, FTE, Principal – DEPSTAR, CHARUSAT

### Advisory Committee

Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B. G, Patel, Advisor, CHARUSAT
Dr. H. J. Jani, Advisor, CHARUSAT

### Convener

Dr. Amit Ganatra, Dean – FTE, Principal – DEPSTAR, CHARUSAT

### Coordinators

Ms. Dweepna Garg, CE Dept., DEPSTAR
Email: dweepnagarg.ce@charusat.ac.in

Mr. Parth Goel, CE Dept., DEPSTAR
Email: parthgoel.ce@charusat.ac.in

Mr. Dipak Ramoliya, CSE Dept., DEPSTAR
Email: dipakramoliya.ce@charusat.ac.in
(M): 9998771587

Ms. Pooja Patel, CE Dept., DEPSTAR
Email: poojapatel.ce@charusat.ac.in
(M): 9879439499

**Accommodation will be made available on a request.**

CHARUSAT

DEPSTAR

**Devang Patel Institute of Advance Technology and Research**
**(A Constituent Institute of CHARUSAT)**
**Department of Computer Engineering**
**Organizes**

# GUJCOST

**Sponsored**
**One Week Short Term Training Programme**
**On**
**Internet of Things (IOT): Enabling Technologies, Applications, Challenges & Research Opportunities**

**4th February to 9th February, 2019**

**In association with:**

Gujarat Council on Science and Technology, Government of Gujarat

Computer Society of India, ESTD. 1965

DST, Department of Science & Technology, Government of Gujarat

**Charotar University of Science and Technology**
**Changa - 388421,**
**Dist: Anand, Gujarat**
**https://www.charusat.ac.in/DPIATR/**

## About The University

Charotar University of Science and Technology (CHARUSAT) has been conceived by Shri Charotar Moti Sattavis Patidar Kelavani Mandal - a not for profit premier education trust of India having a social lineage of more than 122 years. CHARUSAT has been established by promulgation of Gujarat Private University Act, 2009. It is empowered to confer degrees under Section 22 of UGC Act, 1956. It is the first state university getting "A" Grade in the first cycle by NAAC with CGPA of 3.11. It is also accredited with Grade "A" by KCG. Govt. of Gujarat. Presently, CHARUSAT offers 67 programs from UG to Ph.D. under the tutelage of 8 Institutes and 6 Faculties. They are in the allied disciplines of Technology & Engineering, Pharmacy, Computer Applications, Management Studies, Applied Sciences, Nursing, Physiotherapy, and other Paramedical Sciences. All education programs are semester based and are delivered in English Medium. Credit and Grading Systems are followed for Teaching, Learning and Evaluation.

## About The Institute

Devang Patel Institute of Advance Technology and Research- (DEPSTAR), Changa is the eighth institute, established under education campus of CHARUSAT. The institute now has total intake of 300 in Computer Engineering, Information Technology and Computer Science and Engineering. ***The institute received grant of NVIDIA GPU card namely NVIDIA Titan Xp from NVIDIA Graphics Pvt. Ltd. worth Rs. 1,25,000/- for developing deep learning projects in CHARUSAT.***

## About The Department

Department of computer engineering commenced in 2017. It offers UG program with 120 seats as present intake. The department is equipped with high-tech laboratories and is progressing at a rapid pace with the development in terms of infrastructure facilities and upgraded syllabi. All the faculty members of the department are M.E/ M.Tech and pursuing their Ph.D. They have experience from all diverse fields of computer and IT sector.

## Course Objective

The main objective is to provide knowledge about how to get started with IoT, a practical approach of the same. The participants would learn about challenges, architecture and various smart systems using IoT Case studies. The participants would gain the knowledge about the basics of sensors and actuators, Arduino platform, reading from sensors, interaction between software and hardware in an IoT device, IoT in healthcare, introduction of block-chain & IoT, smart homes/buildings and hands-on sessions on various projects like Receive Automatic Call Notification on Mobile Phone for Burglar Alarm using IoT Platform, MQTT Subscribe from Arduino, Smart security management system in agriculture using IoT and many more.

## Contents of the workshop

1. Introduction to the Internet of Things
    a) The Internet of Things
    b) The Basics of Sensors & Actuators
2. Basic IOT Architecture
    a) The Arduino Platform
    b) The Arduino Open-Microcontroller Platform
    c) Arduino Basics
    d) Arduino Board Layout & Architecture
    e) Reading from Sensors
    f) Arduino Programming & Interface of Sensors
3. Interfacing sensors with Arduino Programming Arduino Reading from Sensors
4. IoT in healthcare, introduction of block-chain & IoT.
5. Various hands-on projects

## Resource Persons

Eminent speakers from Industries and Academia.

## Registration Fees

The program is open for the faculties, research scholars and the B.Tech/M.Tech students of Computer Engineering/Computer Science and Engineering/Information Technology/ Electronics and Communication Engineering/MCA/M.Sc. IT disciplines of any institute/ university.

**Registration fees:**

| | CSI/IEEE | Non-CSI/IEEE |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

Registration fees include tea/coffee and lunch to the registered participants along with the workshop certificate. **Registration fees will be Non-refundable.** ***Maximum participants: 40. First come first served basis. Registration fees is non-refundable***

## Important Dates

Last date of registration 30/01/2019. Confirmation email would be sent to the registered candidates on 01/02/2019.

## How to Register?

All the interested candidates' needs to register online by clicking on the link:

https://goo.gl/forms/Mon923STzUD60BGW2

## How to reach?

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# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH**

**A Report on**

**One week STTP entitled**

**"Internet of Things (IOT): Enabling Technologies, Applications, Challenges**

**&**

**Research Opportunities"**

**in association with**

Department of Science & Technology
Government of Gujarat

**Date**: 5th -9th March 2019
**Day**: Tuesday-Saturday
**Time**: 09:30 am – 4:20 pm
**Venue**: Lab-458-459, CE/IT Building, CHARUSAT

**Faculty Coordinators:**

Mr. Parth Goel
Ms. Dweepna Garg
Mr. Dipak Ramoliya
Ms. Radhika Patel

**Resource Persons:**

Dr. Vijay Ukani
Dr. Ritesh Patel
Dr. N.N.Jani
Mr. Nilesh Dubey
Mr. Hardik Mandora
Mr. Divyesh Patel
Mr. Amresh Mehta
Mr. Chintan Bhatt

Devang Patel Institute of Advance Technology and Research (DEPSTAR) always inspire students for the overall development in academics and co-curricular activities. The institution is devoted to intellectually vibrant atmosphere of research and imparts education in learning of sciences. The main aim is to make the students aware about the latest technologies so as to make them capable of having a better stand in society. Nowadays, it is observed that not only faculties but students are also interested to know and learn about the machine learning and deep learning to use those concepts in different application. Keeping this in mind, Devang Patel Institute of Advance Technology and Research (DEPSTAR), a constituent of CHARUSAT had organized its GUJCOST sponsored Short Term Training Programme (STTP) on "Internet of Things (IOT): Enabling Technologies, Applications, Challenges & Research Opportunities" for students and faculties. The STTP was conducted by Computer Engineering Department from 5th March 2019 to 9th March 2019.

A total of 36 participants participated in the STTP. The STTP was conducted at the state level wherein the faculties and the students were invited to attend the STTP. There were 36 UG-PG students from other institute. Lab 458-459 of CE/IT building was booked for conducting the workshop. The workshop timings were from 9:30 am – 4:20 pm. Registration fees details were as given below.

| | **CSI** | **Non-CSI** |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

The following topics were included:

1. Introduction to the Internet of Things

    a) The Internet of Things

    b) The Basics of Sensors & Actuators

2. Basic IOT Architecture

    a) The Arduino Platform

    b) The Arduino Open-Microcontroller Platform

    c) Arduino Basics

    d) Arduino Board Layout & Architecture

    e) Reading from Sensors

    f) Arduino Programming & Interface of Sensors

3. Interfacing sensors with Arduino  Programming Arduino Reading from Sensors

4. IoT in healthcare, introduction of block-chain & IoT.

5. Various hands-on projects

The day wise session details are as below:

## Day-1 (5th March, 2019)

Dr. Vijay Ukani (Associate Professor- Department of Computer Science, Nirma University) initiated the session. He started the session by introducing Internet of Things. He explained the architecture of IOT along with the detailed explanation of components in IOT. He overviewed about 4-stage architecture of IOT that includes sensors/actuators, Internet Gateway, and Data center/Cloud for storing the data. This session was an overview of the entire workshop. The tenure of this session was two hours.





After the completion of the session, there was a lunch break for the students and Dr. Vijay Ukani resumed the post-lunch session. He started with the challenges and issues in IOT and demonstrated the use of ESP8266 or Raspberry Pi.

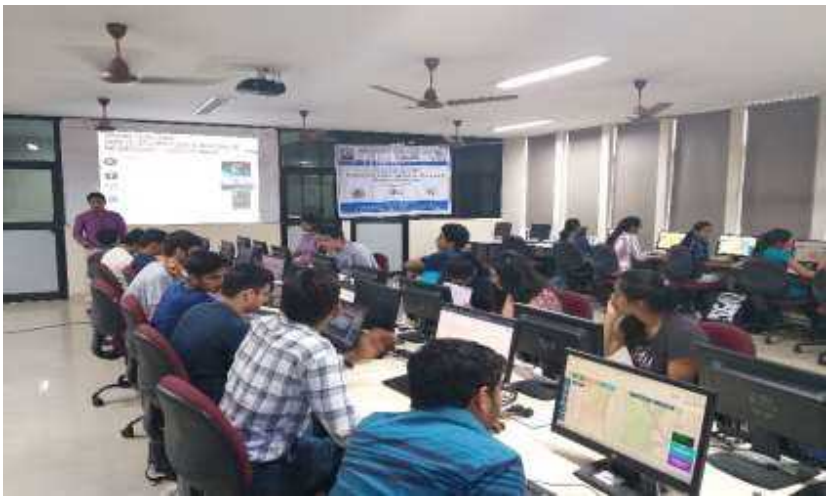


He also exposed other different components of IOT. Students were imparted the knowledge on working mechanism of components like Arduino and ESP8266.

After the high tea, Mr. Nilesh Dubey (Assistant Professor-Dept. of Computer Engineering, DEPSTAR) carried out 2 hours session. In his talk, he explained about interfacing sensors with Arduino and programming Arduino reading from sensors.

## Day-2 (6th March, 2019)

Dr. Ritesh Patel (Associate Professor-Department of Computer Engineering, CSPIT, CHARUSAT) had conducted the 2 hours session. He discussed about the basic ideas about research in the field of IOT. He gave a light on various research problems, taught students how to move further in this field for research. He mainly focused on detailing the problem statement in research and check the feasibility of the defined problem statement.



Session by Dr. Ritesh Patel

After the lunch, Mr. Hardik Mandora (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT) hosted the fruitful session of 1.5 hours. In this session, he explored numerous projects in IOT and explained about various protocols like MQTT that are useful in building IOT project. He taught about the entire process of working on any IOT project. After the session, students were given break for high tea.

Mr. Nilesh Dubey (Assistant Professor-Department of Computer Science and Engineering, DEPSTAR, CHARUSAT) hosted post high tea session. In the session, he taught the students about Simple LED Program for Arduino, various method to Integrate Sensors & Read Environmental Physical Values. He taught how to read Environmental Values on Android Smartphone and how to make Android Phone talking with Arduino by connecting Arduino with Mobile Device. Besides this, he explained the Android Mobile OS and taught how to use the Bluetooth Module and Voice Controlled Mini Home Automation using Android Smartphone.

## Day-3 (7th March, 2019)

Mr. Divyesh Patel (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT) started the Morning session. He started with introduction of connection and relationship between Cyber Physical Systems and IOT. He, in his talk delivered that both CPS and IoT are holistic visions for the outlook for computing and communication in tomorrow's world. He discussed about applications of CPS and IOT together.

Mr. Hardik Mandora (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT) took post lunch session. He discussed about simulators like Contiki OS-Cooja that are useful in building IOT projects. He shared the knowledge on integrating Ethernet Module & Testing DHCP Connection and creating program for Local host Web Server for controlling devices using Contiki OS - Cooja simulator for IoT simulation.

After the tea break, Mr. Divyesh Patel (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT) discussed on how to be social on Twitter & how to update status on Twitter through Arduino. He also interestingly taught how to make Electronics Gadget Talk to Internet. He discussed on integrating Ethernet Module and creating App on Twitter, and sending Voltage & Analog Data on Cloud Server. He gave a brief idea on Cloud Computing, ways to communicate with the Cloud using Web Services, and relation between Cloud Computing & IoT. Students were glad they learned about receiving Automatic Call Notification on Mobile Phone for Burglar Alarm using IoT Platform.

## Day-4 (8th March, 2019)

On the fourth day of this short term training session, Dr. N.N.Jani (Director, SKPIMCS-MCA, Gandhinagar) was invited as the speaker. He started the first session describing the interaction between software and hardware in an IoT device, role of an operating system to support software in an IoT device & the structure of the Internet. In his session, he with the help of his students demonstrated some IOT projects. His directions towards research will help participants to find the right path in the future.



Dr. N.N.Jani discussing on research directions in IOT with participants.

Mr. Nilesh Dubey (Assistant Professor, Department of Computer Science and Engineering DEPSTAR, CHARUSAT) took post lunch session. He covered the interesting topics like controlling electronic devices from anywhere across the world using Internet & Mobile Application, Integrating Temperature & Humidity Sensor with Raspberry Pi and reading current environment values.



Prof. Nilesh Dubey discussing on IOT Applications

After the application oriented session by Prof. Nilesh Dubey, Prof. Hardik Mandora and Prof. Divyesh Patel enlightened the knowledge about research trends in blockchain. They explained what actually blockchain is and what the need of it in information security and privacy is. Students were delighted to know the basics of Blockchain and research directions through se of blockchain.

## Day-5 (9th March, 2019)

Mr. Amresh Mehta carried out 2 hours session. He covered implementation of Smart security management system in agriculture using IoT ecosystem. He discussed on how IOT can help in improving agriculture ratio in the country and world. Different applications of IOT in agriculture he talked on were Precision Farming, Agriculture Drones, Livestock Monitoring, and Smart Greenhouses.



Mr. Amresh Mehta conducting the session

After the lunch, Prof. Chintan Bhatt (Assistant Professor, Department of Computer Engineering, CSPIT, CHARUSAT) conducted the two hours session. He explored various programming languages that can help programmers to work in the direction of developing project in IOT.

Some of the languages he talked upon were angular js, nodejs and JavaScript. Students found the session indeed interesting and knowledgeable.

Prof. Divyesh Patel (Assistant Professor, Department of Computer Engineering, CSPIT, CHARUSAT) delivered the last 1.5 hours session of this short-term training programme. He discussed on establishing trust in a peer-to-peer network through a distributed consensus mechanism in the developing project in IOT.

In the closing ceremony of the STTP, participant students were given participation certificate. Few students were given the certificate of excellence on performing extra-ordinarily on the IOT project taught to them during the 5-days programme.



**Some Glimpse of Certificate Distribution**



**Group photo of participants with STTP coordinators**

Feedback was taken from the participants at the end of workshop. In total 15 participants filled the feedback form. Evaluation of Feedback is as per given below:

**Evaluation of Feedback**

**Internet of Things (IOT) : Enabling Technologies, Applications, Challenges & Research Opportunities**

**Date:** 5th -9th March, 2018
**Time:** 9:30 PM to 4:20 PM
**Venue:**Lab-458-459, CE/IT building

| Sr. No. | Statements | Excellent (in %) | Very Good (in %) | Good (in %) | Poor (in %) |
|---|---|---|---|---|---|
| 1 | The Theme of the workshop & it's aim | 73.33 | 13.33 | 13.33 | - |
| 2 | The Workshop arrangement | 46.66 | 53.33 | - | - |
| 3 | Workshop facilities viz. labs, buildings | 60 | 40 | - | - |
| 4 | The Catering arrangement and Foods | 46.66 | 46.66 | 6.66 | - |

| | | | | | |
|---|---|---|---|---|---|
| **5** | The workshop content and it's Presentation | 46.66 | 40 | 13.33 | - |
| **6** | The workshop timing and pace | 73.33 | 13.33 | 13.33 | - |
| **7** | The Expert's talk | | | | |
| | A. Dr. Vijay Ukani | 100 | - | - | - |
| | B. Dr. N.N.Jani | 66.66 | 26.66 | 6.66 | - |
| | C. Mr. Amresh Mehta | 60 | 40 | - | - |
| | D. Dr. Ritesh Patel | 73.33 | 26.66 | - | - |
| | E. Mr. Divyesh Patel | 86.66 | 13.33 | - | - |
| | F. Mr. Hardik Mandora | 66.66 | 33.33 | - | - |
| | G. Mr. Chintan Bhatt | 80 | 20 | - | - |
| | H. Mr. Nilesh Dubey | 60 | 40 | - | - |
| | **Average:** | **67.13%** | **31.27%** | **10.66%** | **0%** |

**Acknowledgement:**

We gratefully acknowledge the support of GUJCOST and CHARUSAT for successful completion of the short-term training programme.

Report Prepared By:

Ms. Radhika Patel
Teaching Assistant
Department of Information Technology
Devang Patel Institute of Advance Technology and Research (DEPSTAR)

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY

One week STTP entitled "Internet of Things (IOT): Enabling Technologies, Applications, Challenges & Research Opportunities"

| Sr. no. | Name | Institute | Designation | ID no. | Date | Amount |
|---|---|---|---|---|---|---|
| 1 | Tanha Rajeshbhai Patel | CSPIT (CE) | Student | 18ce088 | 18.02.2019 | 1200 |
| 2 | Zeeshan Bhati | CSPIT (CE) | Student | 18ce008 | 18.02.2019 | 1200 |
| 3 | Hiren Parmar | DEPSTAR (CE) | Student | 17DCE034 | 19.02.2019 | 1000 |
| 4 | Kamal Kakadiya | DEPSTAR (CE) | Student | 17DCE021 | 19.02.2019 | 1000 |
| 5 | Dharmik Italiya | DEPSTAR (CE) | Student | 17DCE013 | 19.02.2019 | 1000 |
| 6 | Tirthak Bringadariya | DEPSTAR (CE) | Student | 17DCE003 | 19.02.2019 | 1000 |
| 7 | Karan Parekh | CSPIT(EC) | Student | 18EC054 | 19.02.2019 | 1200 |
| 8 | Rahul Ka Patel | DEPSTAR (CE) | Student | 17DCE020 | 19.02.2019 | 1000 |
| 9 | Brijesh Shah | DEPSTAR (CE) | Student | 17DCE061 | 19.02.2019 | 1000 |
| 10 | Ishan Ladva | DEPSTAR (CE) | Student | 17DCE025 | 19.02.2019 | 1000 |
| 11 | Dhru Chopadia | CSPIT(CE) | Student | 18CE011 | 19.02.2019 | 1200 |
| 12 | Shah Darshita | CSPIT(CE) | Student | 18CE105 | 19.02.2019 | 1200 |
| 13 | Akshar Patel | DEPSTAR (CE) | Student | 17DCE039 | 20.02.2019 | 1200 |
| 14 | Patel Yash A | DEPSTAR (CE) | Student | 17DCE052 | 20.02.2019 | 1200 |
| 15 | Samaksh Khatri | DEPSTAR (CSE) | Student | 18DCS035 | 25.02.2019 | 1000 |
| 16 | Radhika Patel | DEPSTAR (IT) | Faculty | 6005 | 25.02.2019 | 1200 |
| 17 | Chirayu Joshi | CSPIT(IT) | Student | 18IT042 | 25.02.2019 | 1200 |
| 18 | Rohan Mehta | DEPSTAR (CE) | Student | 17DCE027 | 25.02.2019 | 1000 |
| 19 | Pramey Modi | DEPSTAR (CE) | Student | 17DCE029 | 25.02.2019 | 1000 |
| 20 | Dhruvi Bavaria | DEPSTAR (CE) | Student | 17DCE002 | 25.02.2019 | 1200 |
| 21 | Aditi Patel | DEPSTAR (CE) | Student | 17DCE038 | 25.02.2019 | 1200 |
| 22 | Vidhi Kapadiya | DEPSTAR (CE) | Student | 17DCE024 | 25.02.2019 | 1200 |
| 23 | Nachiketa Buddha | DEPSTAR (CE) | Student | 17DCE004 | 25.02.2019 | 1000 |
| 24 | Shailee Sheth | DEPSTAR (CE) | Student | 17DCE066 | 25.02.2019 | 1000 |
| 25 | Prachi Modi | DEPSTAR (CE) | Student | 17DCE028 | 25.02.2019 | 1200 |
| 26 | Love K Patel | CSPIT (CE) | Student | 17CE075 | 25.02.2019 | 1200 |
| 27 | Dax Bhavdipkumar Patel | CSPIT (CE) | Student | 18CE070 | 25.02.2019 | 1200 |
| 28 | Patel Shail Bhaveshkumar | CSPIT (CE) | Student | 18CE086 | 25.02.2019 | 1200 |
| 29 | Kesha Shah | CSPIT (CE) | Student | 18CE112 | 25.02.2019 | 1200 |
| 30 | Gaminee Ram | CSPIT (CE) | Student | 18CE096 | 25.02.2019 | 1200 |
| 31 | Vasoya Dhruvisha | DEPSTAR (CSE) | Student | 18DCS133 | 26.02.2019 | 1200 |
| 32 | Rajesh Patel | DEPSTAR (IT) | Faculty | 8209 | 26.02.2020 | 1200 |
| 33 | Patel Devanshi Rohitkumar | DEPSTAR (CE) | Student | 17DCE042 | 26.02.2019 | 1000 |
| 34 | Jayati Sakervala | CSPIT (CE) | Student | 18CE102 | 27.02.2019 | 1200 |
| 35 | Smit Patel | DEPSTAR (CE) | Student | 17DCE049 | 1.3.2019 | 1000 |
| 36 | Rushiraj Parmar | DEPSTAR (CE) | Student | 17DCE036 | 5.3.2019 | 1000 |
| 37 | Samarth Panchal | DEPSTAR (CE) | Student | 17DCE033 | 5.3.2019 | 1000 |
| 38 | Rutvik Joshi | DEPSTAR (CE) | Student | 17DCE019 | 5.3.2019 | 1000 |
| 39 | Shraddha Vyas | DEPSTAR (CE) | Faculty | 6014 | 5.3.2019 | 1200 |
| 40 | Krishna Patel | DEPSTAR (CSE) | Faculty | 6013 | 5.3.2019 | 1200 |
| 41 | Mitali Dave | DEPSTAR (IT) | Faculty | 6038 | 5.3.2019 | 1200 |




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CHARUSAT

DEPSTAR

## Registration Form

One week Short Term Training Program (STTP)
On
*Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card & GPU Cloud*
3rd to 8th December, 2018

Name: _____

Designation: _____

Institute: _____

_____

Address: _____

_____

City: _____

Mobile: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science and Technology" payable at Changa as registration fees.
E – Mail: _____

Fees Details:
Academia ☐ Student ☐
Industry/R&D Organizations ☐

Cheque /Demand Draft No: _____

Bank and Branch: _____

Amount: _____ Date: _____

Signature of Participant

Seal and Signature
Head of Institution



### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj S. Joshi, Provost, CHARUSAT

### Patron

Dr. Amit Ganatra, Dean, FTE, Principal – DEPSTAR, CHARUSAT

### Advisory Committee

Mr. Ashok Patel, IT Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. B. G, Patel, Advisor, CHARUSAT
Dr. H. J. Jani, Advisor, CHARUSAT

### Convener

Dr. Amit Ganatra, Dean – FTE, Principal – DEPSTAR, CHARUSAT

### Coordinators

Ms. Dweepna Garg CE Dept., DEPSTAR
Email: dweepnagarg.ce@charusat.ac.in
Mr. Parth Goel, CE Dept., DEPSTAR
Email: parthgoel.ce@charusat.ac.in

### Co-coordinators

| | |
|---|---|
| Mr. Mohammed Bohara | (M): 7405370028 |
| Ms. Khushi Patel | (M): 7698617608 |
| Ms. Radhika Patel | (M): 9909414180 |

**Accommodation will be made available on a request.**

CHARUSAT

DEPSTAR

**Devang Patel Institute of Advance Technology and Research**
**(A Constituent Institute of CHARUSAT)**
**Department of Computer Engineering**
**Organizes**

# GUJCOST

**Sponsored**
**One Week Short Term Training Programme**
**On**
**Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card & GPU Cloud**

**3rd to 8th December, 2018**

**In association with:**

Gujarat Council on Science and Technology, Government of Gujarat

Computer Society of India, ESTD. 1965

DST, Department of Science & Technology, Government of Gujarat

**Charotar University of Science and Technology**
**Changa - 388421,**
**Dist: Anand, Gujarat**
**https://www.charusat.ac.in/DPIATR/**

## About The University

Charotar University of Science and Technology (CHARUSAT) has been conceived by Shri Charotar Moti Sattavis Patidar Kelavani Mandal - a not for profit premier education trust of India having a social lineage of more than 122 years. CHARUSAT has been established by promulgation of Gujarat Private University Act, 2009. It is empowered to confer degrees under Section 22 of UGC Act, 1956. It is the first state university getting "A" Grade in the first cycle by NAAC with CGPA of 3.11. It is also accredited with Grade "A" by KCG. Govt. of Gujarat. Presently, CHARUSAT offers 67 programs from UG to Ph.D. under the tutelage of 8 Institutes and 6 Faculties. They are in the allied disciplines of Technology & Engineering, Pharmacy, Computer Applications, Management Studies, Applied Sciences, Nursing, Physiotherapy, and other Paramedical Sciences. All education programs are semester based and are delivered in English Medium. Credit and Grading Systems are followed for Teaching, Learning and Evaluation. Curriculum and Pedagogy at CHARUSAT correspond with societal needs. CHARUSAT strives to prepare students for global assignments. It aims to make its students Job Creators and not Job Seekers.

## About The Institute

Devang Patel Institute of Advance Technology and Research- (DEPSTAR), Changa is the eighth institute, established under education campus of CHARUSAT. The institute is managed through a think tank of technocrats, administrators, scientists and engineers, educationalist, businessmen, stakeholders and other well-wishers from all parts of the world. The institute now has total intake of 300 in Computer Engineering, Information Technology and Computer Science and Engineering. ***The institute received grant of NVIDIA GPU card namely NVIDIA Titan Xp from NVIDIA Graphics Pvt. Ltd. worth Rs. 1,25,000/- for developing deep learning projects in CHARUSAT.***

## About The Department

Department of computer engineering commenced in 2017. It offers UG program with 120 seats as present intake. The department is equipped with high-tech laboratories and is progressing at a rapid pace with the development in terms of infrastructure facilities and upgraded syllabi. All the faculty members of the department are M.E/ M.Tech and pursuing their Ph.D. They have experience from all diverse fields of computer and IT sector.

## Course Objective

The main objective is to introduce the learners about the basics of machine learning and deep learning. The participants would gain the knowledge about various supervised and unsupervised algorithm with hands-on. They also gain the experience with GPU workstation and GPU cloud. They would be able to make their own neural network and deep learning model using various libraries using python too.

## Contents of the workshop

- Machine Learning and Deep Learning: An Introduction
- Python basics and its libraries like Numpy, Scikit-learn, pandas, Matplotlib, etc…
- Supervised learning and unsupervised learning with hands-on
- Neural Networks & Parameter and Hyper-Parameter Tuning
- Neural Network tools with hands-on
- Deep Learning models
- Research issues in Deep Learning
- Hands-on with Deep Learning libraries like TensorFlow and Keras
- Case study on NVIDIA Titan Xp GPU workstation
- Usage of GPU Cloud – **It's Free!**

## Resource Persons

Eminent speakers from Industries and Academia.

## Registration Fees

The program is open for the faculties, research scholars and the B.Tech/M.Tech students of Computer Engineering/Computer Science and Engineering/Information Technology/ Electronics and Communication Engineering/MCA/M.Sc. IT disciplines of any institute/ university.

**Registration fees:**

| | CSI | Non-CSI |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

Registration fees include tea/coffee and lunch to the registered participants along with the workshop certificate. ***Maximum participants: 40***. ***First come first served basis.***

## Important Dates

Last date of registration 25/11/2018. Confirmation email would be sent to the registered candidates on 27/11/2018.

## How to Register?

All the interested candidates' needs to register online by clicking on the link: https://goo.gl/forms/O3DsGJuk4CdgrfdW2

## How to reach?

See Charotar University of Science and Technology (CHARUSAT) (https://goo.gl/maps/EiWKAytZdjE2) in Google Maps.

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH**

**A Report on**

**One week STTP entitled**

**"Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card and GPU Cloud"**

**in association with**

Department of Science & Technology
Government of Gujarat

**Date**: 3rd -8th December 2018
**Day**: Monday-Saturday
**Time**: 09:30 am – 4:20 pm
**Venue**: Lab-458-459, CE/IT Building, CHARUSAT

**Faculty Coordinators:**

Mr. Parth Goel
Ms. Dweepna Garg
Mr. Mohamed Bohara
Ms. Khushi Patel
Ms. Radhika Patel

**Resource Persons:**

Dr. Amit Ganatra
Dr. Priyank Thakkar
Mr. Parth Goel
Mr. Mohamed Bohara
Mr. Mrugendra Rahevar
Mr. Divyesh Patel
Mr. Dhaval Bhoi
Ms. Nikita Bhatt
Mr. Abhishek Jain

Devang Patel Institute of Advance Technology and Research (DEPSTAR) always inspire students for the overall development in academics and co-curricular activities. The institution is devoted to intellectually vibrant atmosphere of research and imparts education in learning of sciences. The main aim is to make the students aware about the latest technologies so as to make them capable of having a better stand in society. Nowadays, it is observed that not only faculties but students are also interested to know and learn about the machine learning and deep learning to use those concepts in different application. Keeping this in mind, Devang Patel Institute of Advance Technology and Research (DEPSTAR), a constituent of CHARUSAT had organized its first GUJCOST sponsored Short Term Training Programme (STTP) on "Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card and GPU Cloud" for students and faculties. The STTP was conducted from 3rd December 2018 to 8th December 2018 by Computer Engineering Department.

A total of 36 participants participated in the STTP including faculties and students. The STTP was conducted at the state level wherein the faculties and the students were invited to attend the STTP. There were 06 UG-PG students from other institute or university, 4 PhD Scholar from other institutes and 1 from DEPSTAR, 9 faculties from other institutes and 1 from DEPSTAR, and 15 students from DEPSTAR. Lab 458-459 of CE/IT building was booked for conducting the workshop. The workshop timings were from 9:30 am – 4:20 pm. Registration fees details were as given below.

| | **CSI** | **Non-CSI** |
|---|---|---|
| **UG/PG/Ph. D. Students** | Rs. 1000/- | Rs. 1200/- |
| **Faculty** | Rs. 1200/- | Rs. 1500/- |
| **Industry/R&D Organizations** | Rs. 1700/- | Rs. 2000/- |

The following topics were included:

1. Machine Learning & Deep Learning: An Introduction
2. Python Programming Basics
3. Python Libraries – Numpy, Matplotlib, Scikit-learn, etc…

4. Supervised and Unsupervised Data Analytics Tools
5. Machine learning with R
6. Deep Neural Networks, Deep Learning Models, Research issues in Deep Learning
7. Convolution Neural Network
8. Deep Learning Libraries – TensorFlow and Keras
9. Deep Learning Applications with Hands-on
10. Case Study on Nvidia Titan XP GPU Workstation
11. How to use Google GPU Cloud?

The day wise session details are as below:

## Day-1 (3rd December, 2018)

The session was initiated by Dr. Amit Ganatra (Principal-DEPSTAR, Dean – FTE). He started the session by stating various applications of Machine Learning and Deep Learning and then correlated the application with the algorithms of it. He described in detail about the difference between AI, Machine learning and deep Learning and discussed about neural network and the parameters and hyper-parameter tuning of the same. Overview of deep learning models were carried out. This session was an overview of the entire workshop. The tenure of this session was two hours.





After the completion of the session, lunch break was given to the students and the post-lunch session was carried out by Mr. Mohamad Bohara (Assistant Professor-Dept. of Computer

Engineering, DEPSTAR). He started with the basics of Python programming and software to work with python programming.





He also covered use of python programming for machine learning and covered different modules of python which are useful for machine learning.

## Day-2 (4th December, 2018)

Dr. Priyank Thakkar (Associate Professor, CE Department,Institute of Technology, Nirma University) has conducted the full day session. He discussed about the various python modules such as Numpy, Matplotlib, Scikit learn etc and their usefulness to work in different areas of machine learning. Participants also did hand-on practice for the covered python modules in last two hours for better understanding.






Session by Dr. Priyank Thakkar




Group photo of Participants, Guest and coordinators

## Day-3 (5th December, 2018)

The Morning session was started by Ms. Nikita bhatt (Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT). She started with introduction to R programming and covered different packages of R programing and briefed about how R programming is useful for statistical calculations. After that this session was continued by Mr. Dhaval Bhoi(Assistant Professor-Department of Computer Engineering, CSPIT, CHARUSAT) and he covered how one can use R programming to work with machine learning and different features provided by R programming.

Post lunch session was taken by Dr. Amit Ganatra. He discussed about supervised and unsupervised techniques and different tools available to work with these area.




## Day-4 (6th December, 2018)

Mr. Parth Goel (Assistant Professor, Department of Computer Engineering, DEPSTAR) started the first session with introduction deep learning after breakfast. He focused on Deep Neural network, Deep learning models and research issues in Deep learning. Current research issues pointed out by him will be helpful for participants to find direction for research.

Post lunch session was taken by Mr. Mrugendra Rahevar(Assistant Professor, CE, CSPIT, CHARUSAT and Mr. Divyesh Patel(Assistant Professor, CE, CSPIT, CHARUSAT). He covered Deep learning libraries such as TensorFlow and Keras.




## Day-5 (7th December, 2018)

Mr. Abhishek Jain (Industry Expert) carried out full day session. He covered different applications of Deep learning with hand-on experience. He demonstrated two real-life applications namely emotion recognition and Chatbot. A Chatbot is a computer program designed to simulate a conversation with human users, especially over the Internet via text or voice. Participants were delighted when they experienced hands-on training wherein the computer program revealed their emotions. They were also astonished while chatting with a computer using Chatbot.





## Day-6 (8th December, 2018)

The full day session was carried out by Mr. Parth Goel (Assistant Professor, Department of Computer Engineering, DEPSTAR). The main motive of this session was to make the participants aware about the NVIDIA Graphical Processing Unit (GPU) card namely NVIDIA Titan Xp available with DEPSTAR. He demonstrated Handwritten English Digit classification on NVIDIA Titan Xp GPU and model efficiency in terms of training and testing time were compared to CPU. It was observed that model was trained extremely fast in GPU compared to CPU. He also gave the demonstration about how to use Google GPU cloud.





**Some Glimpse of Certificate Distribution**















**Group photo of participants with STTP coordinators**

Feedback was taken from the participants at the end of workshop. In total 18 participants filled the feedback form. Evaluation of Feedback is as per given below:

**Evaluation of Feedback**

**Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card & GPU Cloud**

**Date:** 3rd -8th December, 2018
**Time:** 9:30 PM to 4:20 PM
**Venue:**Lab-458-459, CE/IT building

| Sr. No. | Statements | Excellent (in %) | Very Good (in %) | Good (in %) | Poor (in %) |
|---|---|---|---|---|---|
| 1 | The Theme of the workshop & it's aim | 61.11 | 38.89 | 0 | 0 |
| 2 | The Workshop arrangement | 50 | 33.33 | 16.67 | 0 |
| 3 | Workshop facilities viz. labs, buildings | 61.11 | 38.89 | 0 | 0 |
| 4 | The Catering arrangement and Foods | 33.33 | 44.44 | 11.11 | 5.56 |
| 5 | The workshop content and it's Presentation | 33.33 | 27.78 | 38.89 | 0 |
| 6 | The workshop timing and pace | 61.11 | 27.78 | 11.11 | 0 |
| 7 | The Expert's talk | | | | |
| | A. Dr. Amit Ganatra | 66.67 | 33.33 | 0 | 0 |
| | B. Ms. Nikita Bhatt | 27.78 | 44.44 | 22.22 | 0 |
| | C. Mr. Dhaval Bhoi | 27.78 | 22.22 | 50 | 0 |
| | D. Mr. Divyesh Patel | 50 | 44.44 | 11.11 | 0 |
| | E. Mr. Mrugendra Rahevar | 66.67 | 27.78 | 11.11 | 0 |
| | F. Mr. Parth Goel | 77.78 | 22.22 | 0 | 0 |
| | G. Mr. Mohammed Husain Bohara | 61.11 | 38.89 | 0 | 0 |
| | H. Dr. Priyank Thakkar | 66.67 | 27.78 | 5.56 | 0 |
| | I. Mr. Abhishek Jain (Industry Expert) | 33.33 | 38.89 | 27.78 | 0 |
| | **Average:** | **51.85%** | **34.07%** | **13.70%** | **0.74%** |

**Acknowledgement:**

We gratefully acknowledge the support of NVIDIA Corporation and CHARUSAT with the donation of the NVIDIA Titan Xp GPU and workstation respectively used for the demonstration in this workshop.

Report Prepared By:

Ms. Khushi Patel
Assistant Professor
Department of Computer Engineering
Devang Patel Institute of Advance Technology and Research (DEPSTAR)

CHAROTAR UNIVERSIY OF SCIENCE AND TECHNOLOGY
Devang Patel Institute of Advance Technology and Research
Department of Computer Engineering
GUJCOST sponsored One-week Workshop on "Machine Learning & Deep Learning for Data Science and Analytics using NVIDIA Graphics card & GPU Cloud
Registration List

| Sr. No | Full Name | Designation | Institute/Company Name | Email |
|---|---|---|---|---|
| 1 | Rushirajsih Raghuvirsinh Parmar | UG-Student | DEPSTAR, CHARUSAT | rushirajparmar23000@gmail.com |
| 2 | Jay Umesh Rathod | UG-Student | DEPSTAR, CHARUSAT | 18dcsh098@charusat.edu.in |
| 3 | Rutvik Chauhan | UG-Student | CSPIT, CHARUSAT | chauhanrutvik21r@gmail.com |
| 4 | Keyur M. Rana | Faculty | SCET | keyur.rana@scet.ac.in |
| 5 | Kairav Thakkar | UG-Student | DEPSTAR, CHARUSAT | kairav123456@gmail.com |
| 6 | Prasiddh H Shah | UG-Student | DEPSTAR, CHARUSAT | prasiddhshah18@gmail.com |
| 7 | Priyang Bhatt | Ph.D. Student | GCET | priyangbhatt@gcet.ac.in |
| 8 | Ankita Chauhan | Faculty | MBICT | apchauhan@mbict.ac.in |
| 9 | Siddhpuria Aalap Nitinkumar | UG-Student | DEPSTAR, CHARUSAT | aalapsiddhpuria18@gmail.com |
| 10 | Priyang Shaileshbhai Patel | UG-Student | DEPSTAR, CHARUSAT | priyangspatel12345@gmail.com |
| 11 | Smitkumar Kalpeshkumar | UG-Student | DEPSTAR, CHARUSAT | 18dcs112@charusat.edu.in |
| 12 | Jay Patel | UG-Student | DEPSTAR, CHARUSAT | 18dcs070@charusat.edu.in |
| 13 | Murtaza Vasi | UG-Student | DEPSTAR, CHARUSAT | 18dcs132@charusat.edu.in |
| 14 | Utkarsh Harshadkumar Patel | UG-Student | DEPSTAR, CHARUSAT | utkarshhpatel13@gmail.com |
| 15 | Soni Vivek Miteshkumar | UG-Student | DEPSTAR, CHARUSAT | sonivivek5041@gmail.com |
| 16 | Shubham Gandhi | UG-Student | DEPSTAR, CHARUSAT | paskgandhi@gmail.com |
| 17 | Vishwakumari Vala | Faculty | CSPIT, CHARUSAT | vishwavala.it@charusat.ac.in |
| 18 | Patel Nidhi Jayesh | UG-Student | DEPSTAR, CHARUSAT | 18dcs076@charusat.edu.in |
| 19 | Mehta Rutika Nileshkumar | UG-Student | DEPSTAR, CHARUSAT | 18dcs045@charusat.edu.in |
| 20 | Nirav M Raja | Faculty | GCET | niravraja@gcet.ac.in |
| 21 | Gopi Tusharbhai Bhatt | Ph.D. Student | ADIT | gopi3401@yahoo.com |
| 22 | Phenilkumar Buch | Faculty | DEPSTAR, CHARUSAT | phenilbuch.ce@charusat.ac.in |
| 23 | Domadia Sunayana Gandalal | Faculty | MBICT | sgdomadia@mbict.ac.in |
| 24 | Namrata A Dave | Ph.D. Student | GCET | namratadave@gcet.ac.in |
| 25 | Kinjal V Joshi | Ph.D. Student | GCET | kinjaljoshi@gcet.ac.in |
| 26 | Rohit R Parmar | Faculty | GCET | rohitparmar@gcet.ac.in |
| 27 | Parthesh R Mankodi | Faculty | GCET | partheshmankodi@gcet.ac.in |
| 28 | Dr Kavindra R Jain | Faculty | GCET | kavindrajain@gcet.ac.in |
| 29 | Dhruvam Zaveri | UG-Student | DEPSTAR, CHARUSAT | 18dcs135@charusat.edu.in |
| 30 | Sonia Flora | PG-Student | Parul Institute Of Engg & Technology | leosonia@gmail.com |
| 31 | Hima Soni | PG-Student | S.P.B. Patel Engineering College | hima.k.soni@gmail.com |
| 32 | Desai Nirav P | Faculty | GCET | niravdesai@gcet.ac.in |
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# CONTINUING EDUCATION PROGRAM
## FOR
## PHARMACY TEACHERS

26th – 28th July 2018

RAMANBHAI PATEL COLLEGE OF PHARMACY











## ABOUT CONTINUING EDUCATION PROGRAM (CEP)

CEP, with focus on teaching-learning methodology, will serve as a platform where intelligence and passion intersect to explore the innovative solutions. This program would help to build on the existing knowledge, teaching skills and enhance the instructional abilities in view of the challenges of pharmaceutical education with the changing perspective of global village.

**Coordinators**
Dr. Ravish Patel & Dr. Niraj Vyas

**Convenor**
Dr. Manan Raval

**SPONSORED BY**

**Pharmacy Council of India (PCI)**

**ORGANIZED BY**

**Ramanbhai Patel College of Pharmacy**
(A Constituent Institute of CHARUSAT)

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Accredited "Grade A" by NAAC, Government of India

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**
formed under Gujarat state act no 8 of 2009 * Degree approved by Section 22 of UGC Act 1956

President: Shri Surendra M. Patel
Provost: Dr. Pankaj S. Joshi
Registrar: Dr. Devang R. Joshi

*CHARUSAT Campus Changa, Anand District - 388 421 (Gujarat) India.*
*Ph. # + 91 - 2697 - 265151, Fax # + 91 - 2697 - 265161*
*E-mail: rpcpgen@charusat.ac.in, Web: www.charusat.ac.in/RPCP/*

*Aegis: SHRI CHAROTAR MOTI SATTAVIS PATIDAR KELAVANI MANDAL*

**Report on Continuing Education Program for Pharmacy Teachers organized by**

**Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology**

**(26-28 July 2018)**

**Supported By Pharmacy Council of India**

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Ramanbhai Patel College of Pharmacy, a constituent institute of Charotar University of Science and Technology (CHARUSAT) organized Continuing Education Program for Pharmacy Teachers during 26th to 28th July 2018 at RPCP auditorium.

Theme of the program was "Teaching-Learning Methodology in Pharmacy Teaching". This program was organized with aim to educate pharmacy teachers on new advancements and to build upon a teacher's expertise in pharmacy education.

The program was spread over 3 days of sessions and divided into 11 sessions on teaching learning methodologies. 30 pharmacy teachers of different pharmacy colleges and institutions of Gujarat state participated in the program.

Prof. N. R. Sheth, Vice-Chancellor, Gujarat Technological University, Ahmedabad remained present as Chief Guest while Dr. M. T. Chhabria, Professor and Principal, L. M. College of Pharmacy, Ahmedabad remained present as Guest of Honor in Inaugural Function. Dr. Pankaj Joshi, Provost, CHARUSAT presided over the function. Prof. N. R. Sheth had addressed the gathering with his inspirations words.

Total 11 eminent personalities from India were invited as resource persons to deliver talks on different topics.

Morning tea-breakfast, lunch and evening tea were offered to all participants, guests and resource persons during three days of program. Participants and resource persons were also given kit including schedule of program, pen, notepad, bag and pen drive.

All the participants were awarded with certificate of participation. All participants interacted with resource persons and discussed about innovative methods of teaching along with basics of devising new pedagogies. This program would help them in building the existing knowledge, teaching skills and enhance the instructional abilities in view of the challenges of pharmaceutical education with the changing perspective of the global village. The program would serve as a platform where intelligence and passion intersected to explore the

innovative solutions and strategies making the program a perfect platform to share proficiency. These sessions would be useful to pharmacy teachers through enrichment in teaching skills and pedagogy.

We are grateful to Pharmacy Council of India, New Delhi, for providing financial support to organize Continuing Education Program for Pharmacy Teachers at Ramanbhai Patel College of Pharmacy. We are also thankful to Charotar University of Science and Technology (CHARUSAT) for providing necessary infrastructure to arrange this CEP.







**Dr. Manan Raval** **Dr. Niraj Vyas** **Dr. Ravish Patel**

**(Convener, CEP)** **(Coordinators, CEP)**

Date: 30 July 2018

## Ramanbhai Patel College of Pharmacy
## Continuing Education Program
## 26-28 July, 2018

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(Niraj Vyas)

Ramanbhai Patel College of Pharmacy CHARUSAT CHANGA

Ramesh Patel

Ramanbhai Patel College of Pharmacy
Continuing Education Program
26-28 July, 2018

| | | | | | |
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Ramanbhai Patel College of Pharmacy CHARUSAT CHANGA

(Niraj Vyas)

Ramesh J. Patel

## PHOTOGRAPHS OF CONTINUING EDUCATION PROGRAM




**Dr. Manan Raval, Principal, RPCP welcoming Guests and Participants to the Program**



**Dr. Samir Patel, Associate Professor, RPCP welcoming Dr. N.R. Sheth, VC, GTU as Chief Guest of the Inaugural Function**




**Dr. M. T. Chhabria, Principal, LMCP delivering his talk in the Program**



**Participants doing activity in the talk of Dr. Nandita Acharya, Director-Training, Sannibh Technologies, Vadodara**




**Group photo of the participants with Principal and staff members**

# Title: Machine Learning, Data Mining and Other Cross-disciplinary tools for Pharmacy Fraternity

## Proposed Schedule:

| Day | Date | Detailed Schedule | Topic(s) to be covered | Faculty Name |
|---|---|---|---|---|
| Day-1 | 17th June 2019 (Monday) | 9:15 AM to 9:30 AM | Registration | |
| | | (10:00 AM - 12:00 PM) | Introduction to Data Analytics and Machine Learning, Applications in Pharma | Dr. Amit Ganatra |
| | | (2:00 PM – 4:00 PM) | Hands on session | Dippal Israni |
| Day-2 | 18th June 2019 (Tuesday) | (10:00 AM - 12:00 PM) | Why Data Preprocessing is required?<br>Hands-On: Classification and Clustering with Data Mining Tools. Basics of Association Rule Mining | Mrugendra Rahewar, Nikita Bhatt, Divyesh Patel |
| | | (2:00 PM – 4:00 PM) | Hands-on session | Mrugendra Rahewar, Nikita Bhatt, Divyesh Patel |
| Day-3 | 19th June 2019 (Wednesday) | (10:00 AM - 12:00 PM) | Basics of Neural Networks<br>Why Deep Neural Network is required to find hidden patterns from Pharma Data? | Mrugendra Rahewar, Nikita Bhatt, Divyesh Patel |
| | | (2:00 PM – 4:00 PM) | Hands-on: Python Basics and its libraries | |
| Day-4 | 20th June 2019 (Thursday) | (10:00 AM - 12:00 PM) | Basics of Convolution Neural Network | Mrugendra Rahewar, Nikita Bhatt, Divyesh Patel |
| | | (2:00 PM – 4:00 PM) | Hands-on session | |
| Day-5 | 21st June 2019 (Friday) | (10:00 AM - 12:00 PM) | Statistical Analysis using R-Programming<br>Hands On: Statistical Analysis of Pharma Data (Mean, Mode, Standard Deviation, Variance and Covariance, Correlation of coefficient, Scatter plot, Box Plot etc…) | Mr. Dhaval Bhoi |
| | | (2:00 PM – 4:00 PM) | Hands-on session | |
| | | | | |

Dr. Amit Ganatra
Professor
Head – CE, CSPIT
Faculty of Technology & Engineering (FTE),
CHARUSAT, Changa, Gujarat.

Principal
Ramanbhai Patel College of Pharmacy
Charotar University of Science & Technology
CHARUSAT Campus
Changa-388 421
Ta. Petlad, Dist. Anand (Gujarat)

# Ramanbhai Patel College of Pharmacy

**Charotar University of Science and Technology**

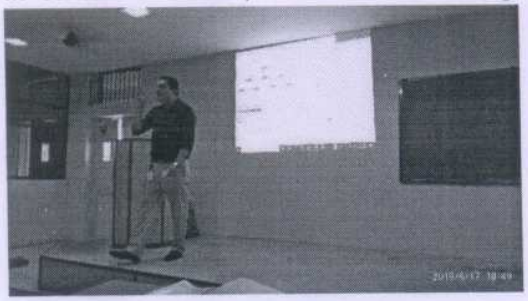
## A Brief Report on
## Domain Knowledge Training 2019

### Machine Learning, Data Mining and Other Cross-Disciplinary Tools for Pharmacy Fraternity

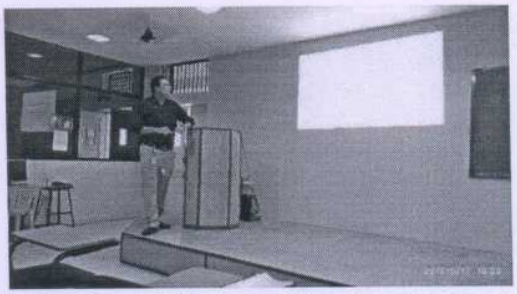
17th to 21st June 2019

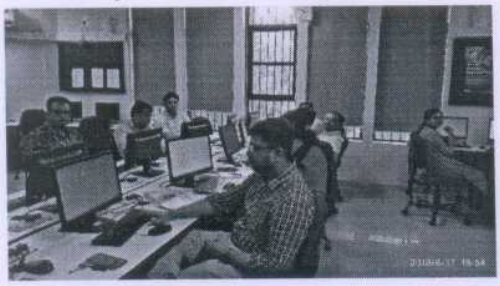
With the continuous expansion of R & D horizons of every discipline of the STEM, many of them are merging together with fruitful results. Such cross-disciplinary research and innovations are being encouraged across the globe. However, the major impeding part in cross-disciplinary research is the limited availability of human workforces which have the grasping over multiple technical fields.

In context to above, a Domain Knowledge Training was envisaged for the faculties of Ramanbhai Patel College of Pharmacy during the summer of 2019. After series of discussions with the experts of Devangbhai Patel Institute of Advanced Technology and Research, the content and schedule of DKT was concluded under the coordination of Dr Amit Ganatra (Dean and HOD, DEPSTAR) and Dr Swayamprakash Patel (Asst. Professor, RPCP).

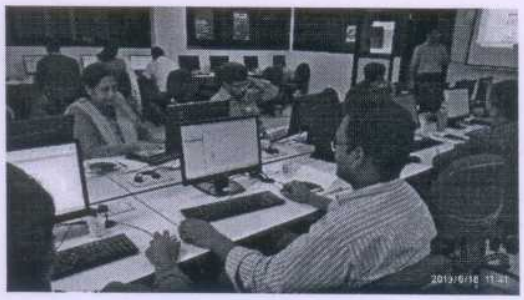


The five days' DKT was scheduled from 17th to 21st June of 2019 for faculty members of RPCP. A detailed schedule and contents that was covered during training is enclosed herewith. Dr Amit Ganatra had comprehended the participants regarding basics of machine learning, deep learning, artificial intelligence, data mining and their prospective grandness, in his first day's session. Every session of DKT were flavoured with comprehensive Hands-on training on every topic. Being tyro in the field of programming and coding, it was mandatory need of pharmacy faculties that experts explain every course content as they are training to naïve students. Faculties of DEPSTAR had patiently and satisfactorily delivered every need of the participants during the sessions. This domain knowledge training program has provided a platform where faculties and researchers of pharmacy field has learned the





applications of artificial intelligence, machine learning, deep learning, and data mining in the health. Experts from the engineering field had trained to aspirants of pharmacy in the aforesaid tools.



This DKT will help to develop a workforce which has cross-disciplinary knowledge of artificial intelligence and pharmaceutical science. Such workforce will act as tiny nuclei and disseminate such skills to the peers. This workshop will enable the aspirant researchers of the pharmaceutical field to explore various applications and innovations based on artificial intelligence in the field of health, drug delivery, biomedical engineering, diagnostics, etc. The program will also create a workforce which can work in aforesaid cross-disciplinary regions. The partakes during the program among the engineering and pharmacy minds may create novel ideas that may result in collaborative research projects.

**Schedule of Domain Knowledge Training:**

| Date | Topic | Expert |
|---|---|---|
| 17 June 2019 | Introduction to Data Analytics and Machine Learning Application in Pharma with its Hands-on Session | Dr Amit Ganatra<br>Mr. Dippal Israni |
| 18 June 2019 | Data Pre-processing and Hands-on Session | Mr. Mrugendra Rahewar<br>Mr. Parth Goel |
| 19 June 2019 | Basics of Neural Network and its application in Pharma with its Hands-on session | Ms. Nikita Bhatt<br>Mr. Divyesh Patel |
| 20 June 2019 | Basics of Convolution Neural Network and its Hands-on session | Ms. Nikita Bhatt<br>Mr. Divyesh Patel |
| 21 June 2019 | R- Programming and Tools of Data Mining. | Mr. Dhaval Bhoi<br>Ms. Nikita Bhatt |

# Ramanbhai Patel College of Pharmacy

Charotar University of Science and Technology, Changa

## Domain Knowledge Training – 2019

### Machine Learning, Data Mining and Other Cross-Disciplinary Tools for Pharmacy Fraternity

**REGISTRATION AND ATTENDANCE**

| Sr. No. | Name of Faculty Member / Participant | 17/6/2019 Monday | 18/6/2019 Tuesday | 19/6/2019 Wednesday | 20/6/2019 Thursday | 21/6/2019 Friday | 22/6/2019 Saturday |
|---|---|---|---|---|---|---|---|
| 1. | Dr. Swayamprakash Patel | | | | | | |
| 2. | Umang shah | | | | | | |
| 3. | Rajendra Kotadiya | | | | | | |
| 4. | Dr. Nilay Solanki | | | | | | |
| 5. | Payal Chauhan | | | | | | |
| 6. | Talpa Suthar | | | | | | |
| 7. | Niraj Vyas | | | | | | |
| 8. | Dr. Gayatri Patel | | | | | | |
| 9. | Amit Patel | | | | | | |
| 10. | Ravish J. Patel | | | | | | |
| 11. | Rashmin Patel | | | | | | |
| 12. | Mrunali Patel | | | | | | |
| 13. | Sandip Patel | | | | | | |
| 14. | Nikunj Patel | | | | | | |
| 15. | Avani Chokshi | | | | | | |
| 16. | Hardik Kalia | | | | | | |
| 17. | Dr. Jagruti Desai | | | | | | |
| 18. | Mehul Patel | | | | | | |
| 19. | Alkesh Patel | | | | | | |
| 20. | Samir G. Patel | | | | | | |
| 21. | | | | | | | |
| 22. | Mehul Patel | | | | | | |




**Dr. Amit Ganatra delivering session during Domain Knowledge training (17 June 2019)**




**Faculty members from RPCP attending session during Domain Knowledge training (17 to 21 June 2019)**

rpcp
RAMANBHAI PATEL COLLEGE OF PHARMACY

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Accredited With "A" Grade by NAAC

# GSPC Sponsored Two Day Refresher Course for Registered Pharmacists

**8th & 9th Dec 2018**

**Registration fee:** INR 300
**Last Date of Registration:** 20/11/ 2018
**Mode of Payment:** Cash / DD drawn in favor of "Ramanbhai Patel College of Pharmacy" Payable at Changa.

**For any query you can contact to**

- Dr. Umang Shah, (9537554414)
- Mr. Dharmandrasinh Baria (9909735925)

**Web:** www.rpcp.ac.in | **E-mail:** rpcpgen@charusat.ac.in

Pay by Paytm

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## A Report on

## Two days Refresher Course for Registered Pharmacists

## at Ramanbhai Patel College of Pharmacy, CHARUSAT

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Ramanbhai Patel College of Pharmacy, a constituent institute of CHARUSAT had organized two days refresher course for registered pharmacists during 8th and 9th of December, 2018. The course was sponsored by Gujarat State Pharmacy council and around 100 registered pharmacists had participated into the seminar. During the inaugural function, Mr. Gilbert Macwan, registrar, Gujarat State Pharmacy council was present as a chief guest who had provided information regarding newer developments done by GSPC. He also informed that GSPC is going to launch a mobile app for the registered pharmacists very soon. Dr. Samir Patel, faculty of the college had introduced the participants with the college and the university.

Total seven lecture sessions were conducted during the two days on various topics including medication errors, Role of Pharmacist in Patient Compliance, Self-Medication, Good Storage Practice, Pharmacy Profession in India and Advanced Countries, Rational Use of Drugs and Prescription Handling and Patient Education. For the valedictory function, Mr. Montukumar Patel, Precedent, Gujarat State Pharmacy council was present. He talked about the contribution given by Dr. Ramanbhai Patel, founder of the Zydus Group for the development of Gujarat State Pharmacy council. He had also informed the participants regarding the new services started by the council for the pharmacist registration. The function was concluded with presenting a vote of thanks by the Dr. Umang Shah.



Mr. Umang Shah
Course coordinator, Refresher course

**REFRESHER COURSE FOR REGISTERED PHARMACISTS**

**8-9 December, 2018**

**List of participants**

| Sr. No. | Name | Reg. NO. | Mobile NO |
|---|---|---|---|
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| 3 | Patel Brijeshkumar Arvindbhai | G 14241 | 9979541726 |
| 4 | Jasani Krunal Prabhudas | G 65617 | 9402611069 |
| 5 | Pandya Hema Bhagirath | G 64871 | 8866286477 |
| 6 | Patel Alkeshkumar Kirit Bhai | G 24886 | 9978986530 |
| 7 | Patel AnkitaNahem Sureshbhai | G 43970 | 7575828490 |
| 8 | Patel Krinal Bipinbhai | G 66801 | 9727962543 |
| 9 | Patel Binta Kamleshbhai | G 66800 | 9913039419 |
| 10 | Patel Nishthaben Gaurangkumar | G 66572 | 9825663327 |
| 11 | Patel Khushbuben Jayeshbhai | G 66585 | 9054296365 |
| 12 | Patel Ankit Navinbhai | G 54732 | 8980004907 |
| 13 | Parmar Pushpaksinh Mahendrasinh | G 48633 | 9101480678 |
| 14 | Patel Parth Sunilkumar | G 48632 | 9974026768 |
| 15 | Bhavsar Krupaliben Yogeshkumar | G 42683 | 9427523813 |
| 16 | Vaghela Virang Pravinchandra | G 23606 | 9033014164 |
| 17 | Patel Riya Mayankbhai | G 64025 | 9099031248 |
| 18 | Patel Preksha Suresh bhai | G 67661 | 9909994155 |
| 19 | Patel Khyati Dipakbhai | G 67660 | 9924327563 |
| 20 | Patel Foram Narrotam bhai | G 67662 | 8980850157 |
| 21 | Shah Kirati Miteshkumar | G 66931 | 7046179871 |
| 22 | Patel Riya Kinarbhai | G 67663 | 9537107609 |
| 23 | Vaishnav Krupa Utkarsh | G 67666 | 9586446809 |
| 24 | Patel Vaidehi Bharatkumar | G 67665 | 9726735431 |
| 25 | Thacker Drupad Hareshbhai | G 67669 | 9727864828 |
| 26 | Goswami Umang Kaushik | G 67671 | 9825247025 |
| 27 | Gori Poojaben Veljibhai | G 67667 | 9586241549 |
| 28 | Patel Vruti J | G 67664 | 9173175167 |
| 29 | Monal Milan Patel | G 64283 | 9737230889 |
| 30 | Pandya Niral Kumar Gopalbhai | G 44448 | 7405351577 |
| 31 | Malivad Nishitkumar Mukeshbhai | G 43759 | 9909652964 |
| 32 | Sharma Pankaj Harimohanbhai | G 51624 | 8511449553 |
| 33 | Patel Drumi Ketankumar | G 66850 | 9879683432 |
| 34 | Patel Nisha Nilesh bhai | | 9408658488 |
| 35 | Nadagauda Akhilesh Satish | G 66817 | 9426182293 |

| | | | |
|---|---|---|---|
| 36 | Prajapati Rohit Satiskumar | G 65310 | 9725066150 |
| 37 | Shah Ami Vipul | G 67062 | 7405048667 |
| 38 | Bhatt Nishee Jignesh | G 67670 | 9574604602 |
| 39 | Patel Harshitaben Kamleshbhai | G 66988 | 8140959935 |
| 40 | Contractor Darshan mahesh | G 66774 | 9924669916 |
| 41 | Parekh Parth Nimeshkumar | G 66778 | 7405139985 |
| 42 | Patel Harsh Bharatkumar | G 55041 | 9825565298 |
| 43 | Vasava Jaydeepsinh Udesinh | G 43316 | 9537172986 |
| 44 | Vasava Pramodbhai Monjibhai | G 47097 | 8141551512 |
| 45 | Vasava Dixitkumar Rameshbhai | G 31333 | 9099890531 |
| 46 | Rameshkumar Phuaa Ram | G 63862 | 8980750422 |
| 47 | Patel Parita Amitbhai | | 8469811748 |
| 48 | Patel Priya Dipakkumar | G 64824 | 8141120666 |
| 49 | Jadav Drashti Nimeshkumar | G 64825 | 7383664494 |
| 50 | Patel Payal Sureshbhai | G 64827 | 8511851466 |
| 51 | Rakholiya Vijaykumar Govindbhai | G 27410 | 9979903643 |
| 52 | Shah Priyal Kalpeshkumar | G 64823 | 9727944001 |
| 53 | Chauhan Keyurkumar Rameshbhai | G 65697 | 9099729872 |
| 54 | Gamit Kinjal Sumanbhai | G 66992 | 9687198278 |
| 55 | Gorakhiya Monika Shaileshbhai | G 65281 | 9408848229 |
| 56 | Dharod Jaineel Rajeshbhai | G 64118 | 9033227206 |
| 57 | Patel Kunalkumar Jayendrakumar | G 37734 | 9427238026 |
| 58 | Ansari BushraMo. Trshad | G 67791 | 8140744129 |
| 59 | Dave Yatri Akshay | G 67793 | 8758704139 |
| 60 | Tripathi Anuja Vinodkumar | G67792 | 7698704249 |
| 61 | Jagdev Arvind Devidas | G 41210 | 6351324230 |
| 62 | Patel Mihir Kaushikkumar | G 44223 | 8347601106 |
| 63 | Prajapati Narendrabhai Bhagvatbhai | G 48480 | 9687420477 |
| 64 | Patel Parth naginbhai | G 47744 | 9429329344 |
| 65 | Prajapati Shitalben Bhagvat bhai | G 45318 | 8320731621 |
| 66 | Patel Richa Rajnikant | | 9737657102 |
| 67 | Shiyad Soaebali Pirsabmiya | G 67589 | 8866400507 |
| 68 | Patel Anjaliben Chimanbhai | G 67277 | 9104927418 |
| 69 | Patel Jainika Nileshbhai | G 67915 | 9924887446 |
| 70 | Zala Neelambahen Sureshbhai | G 28435 | 8197122122 |
| 71 | Patel Shivani Jayeshbhai | G 66740 | 8401484666 |
| 72 | Patel Sandip Bhikhubhai | G 23507 | 9428479583 |
| 73 | Panjwani Karim Rahimbhai | G 19291 | 9824902218 |
| 74 | Solanki Nilay Dhirenkumar | G 24149 | 9904616473 |
| 75 | Shah Vatsal Rakeshbhai | G 65322 | 9879513278 |
| 76 | Rajpara Kruti Nitinbhai | G 65590 | 9924484000 |
| 77 | Chokshi Vishruti Hasmukhbhai | G 44557 | 9879549808 |

| | | | |
|---|---|---|---|
| 78 | Shah Vishalkumar Amrutlal | G 47725 | 8758276554 |
| 79 | Dhantiya Juned Yusuf | G 67596 | |
| 80 | Bodha Harshita Rajendrabhai | G 65427 | |
| 81 | Desai Jagruti Laljibhai | G 40075 | 9537167449 |
| 82 | Parmar Devang Babubhai | G 66573 | 8401631426 |
| 83 | Rajput Vishasingh | G 67333 | 9724908283 |
| 84 | Shah Ishita Aswinkumar | G 66349 | 9426667667 |
| 85 | Patel Miketa Arunbhai | G 66339 | 9879429435 |
| 86 | Kureshi Goshiyabanu Anvarhussain | G 65804 | 9898043040 |
| 87 | Shah Dharti Bhaveshkumar | G 64642 | 7575828908 |
| 88 | Mehta Upasana Darshak | G 43456 | 9978768424 |
| 89 | Jinkal Sharma Kamleshkumar | G 43219 | 9724911495 |
| 90 | Patel Drashti Kamleshbhai | G62176 | 9409061702 |
| 91 | Shah Jainikumari Manojkumar | G 66475 | 9428416250 |
| 92 | Soni Sachinkumar Shantilal | G 45930 | 9099873703 |
| 93 | Agrawal Dharmesh Rameshchandra | G 18795 | 9409538776 |
| 94 | Bhadankar Yatindra Shaileshkumar | G 67931 | 8460019961 |
| 95 | Patel Apurva BhailalBhai | G 27832 | 9662369200 |
| 96 | Shah Bhavnaben Manishbhai | G 64585 | 9898039735 |
| 97 | AD Kirankumar Kalsinh | G 45113 | 9913295893 |

Dr. Umang Shah
Coordinator




**Guests seating on the dais on first day of refresher course (8 December 2018)**




**Dr. Mrunali Patel felicitating Guest Mr. Gilbert Mackwan (8 December 2018)**

## Organizing Committee

**Patrons**

- **Shri Surendrabhai Patel**, President - CHARUSAT
- **Dr. M.C. Patel**, Secretary - Kelavani Mandal
- **Dr. Pankaj Joshi**, Provost - CHARUSAT

**Convener**

- **Dr. Manan RavaL**, Principal, RPCP

**Event Coordinators**

- **Dr. Sandip Patel**, Assistant Professor, RPCP
- **Mr. Alkesh Patel**, Assistant Professor, RPCP

**Organizing Committee Members**

- **Dr. Nilay Solanki**, Assistant Professor, RPCP
- **Dr. Jalpa Suthar**, Assistant Professor, RPCP
- **Mr. Hardik Koria**, Assistant Professor, RPCP
- **Dr. Amit Patel**, Assistant Professsor, RPCP
- **Mr. Dharmang Pandya**, Assistant Professor, RPCP
- **Ms. Avani Chokshi**, Assistant Professor, RPCP
- **Dr. Umang Shah**, Assistant Professor, RPCP

## Registration Details

| Participation Details | Registration Fees |
|---|---|
| • Students | 200 INR |
| • RPCP Alumni | 200 INR |
| • Academician | 300 INR |
| • Person from Industry | 500 INR |

**Mode of payment :**

- Demand Draft/At par Cheque/Cash
- DD should be in favor of "**Ramanbhai Patel College of Pharmacy**", payable at Changa.

**Registration Deadline:**

- 22nd January, 2019

**Call for Abstract for oral & poster competition:**

- The scientific service committee invites you to submit abstract of your work related to Interesting Findings on Cellular and Molecular Aspects, Drug Discovery, Designing and Development of Formulation, Toxicological, Preclinical, Clinical Assessment, Regulatory Aspects related to the theme of seminar. We also encourage you to submit paper on detection and treatment of Cancer.

**Note:**

- Registration fee is exclusive of transportation and accommodation charges. For any assistance related to transportation and accommodation, please contact
  **Mr. Hardik Koria I M– 9731835384 I hardikkoria.ph@charusat.ac.in**
- For any assistance related to Registration, please, contact
  **Mr. Alkesh Patel I M– 9978986530 I alkeshpatel.ph @ charusat.ac.in**
- Email to us at **rpcp.translational@gmail.com** for any further information.



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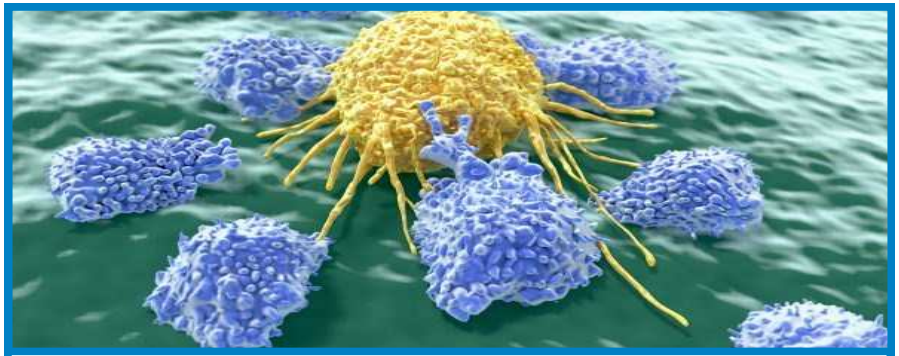
CHARUSAT CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Accredited With "A" Grade by NAAC

**GUJARAT STATE BIOTECHNOLOGY MISSION**
**in Association with**
**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**
**Sponsored**

# National Seminar on Translational Research in Cancer Biology

**(1st and 2nd February, 2019)**

**ORGANIZED BY : RAMANBHAI PATEL COLLEGE OF PHARMACY**



*Strengthening the Research to combat Future of Cancer*

## Charotar University of Science & Technology

[Constituted under Gujarat Private University Act No. 8 of 2009]
President: Shri Surendra Patel I Provost: Dr. Pankaj Joshi

Aegis: Shri Charotar Moti Sattavis Patidar Kelavani Mandal
President: Shri Surendra Patel I Hon. Secretary: Dr. M.C. Patel

## About CHARUSAT



Charotar University of Science and Technology (CHARUSAT) is promoted by Shri Charotar Moti Sattavis Patidar Kelavani Mandal. It is established under Gujarat Private University Act No. 8 of 2009, Govt. of Gujarat. CHARUSAT is sprawling over 105 acres of land with ultramodern facilities for teaching, learning and research. CHARUSAT has been conceived to make Charotar – the Land of Sardar Patel the Global Education Hub. It has become the First State Private University getting "A" Grade in Gujarat in the first cycle by NAAC, Bangalore. Further, it has also been one of 3 (three) Private Universities of Gujarat to appear in the NIRF Ranking.

**Constituent Institutes & Centers of CHARUSAT:**

- Chandubhai S. Patel Institute of Technology (B. Tech, M. Tech, Ph. D Programs)
- Devang Patel Institute of Advanced Technology and Research (B. Tech Program)
- Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (BCA, MCA, M. Sc. (IT) & Ph. D Programs)
- Ramanbhai Patel College of Pharmacy (B. Pharm., M. Pharm., MPM & Ph. D programs)
- Indukaka Ipcowala Institute of Management (BBA, MBA, PGDM & Ph. D Programs)
- P. D. Patel Institute of Applied Sciences (B.Sc, M. Sc., M. Phil & Ph. D Programs)
- Ashok and Rita Patel Institute of Physiotherapy (BPT, MPT & Ph.D Programs)
- Manikaka Topawala Institute of Nursing (B. Sc. (Nursing), GNM & Ph. D Programs)
- Charotar Institute of Paramedical Sciences (B.Optom, B.MRIT, B.OTAT PGDMLT and PGPHA)
- Dr. K. C. Patel R & D Center (Nanotechnology and R & D)
- Pri. B.I. Patel Human Resource Development Center (HRDC)
- Charusat Space Technology Center
- NABL Accredited Environmental Engineering Laboratory , CSPIT
- Charusat Rural Education Development Cell
- FESTO center of Excellence of CSPIT
- Pramukh Swami center of excellence for renewable energy, PDPIAS

## About RPCP

Ramanbhai Patel College of Pharmacy (RPCP) was established in the year 2004 under the management aegis of Shri Charotar Moti Sattavis Patidar Kelavani Mandal. RPCP is patronized by Shri Pankaj Patel, Chairman and MD, Zydus Cadila Healthcare Ltd. M.Pharm Programmes are offered under auspices of T.P.Patel Center for PG Studies in Pharmacy at RPCP.

RPCP is established with a view to promote excellence in pharmacy education and to prepare young talent to meet the challenges of Industrial Pharmacy and Pharmacy Practice. RPCP offers B.Pharm, M.Pharm [with specialization in Pharmaceutical Technology, Pharmaceutical Quality Assurance, Pharmacy Practice, Pharmacology and Regulatory Affairs] and Ph.D. program.

The institute is fully equipped with the modern day facilities and instruments, further strengthen with advanced sophisticated instruments in the adjoining department on the campus. They include HPLC (with PDA, Fluorescence and ELSD detectors), HPTLC , Flash Chromatography, Spectrofluorimeter, Gel Electrophoresis, Fluidized bed dryer, Lyophilizer, Extruder Spheronizer, Probe Sonicator, High Speed Homogeniser, Stability Chamber, BIOPAC system for CVS/CNS/Pre Clinical & Clinical experiments, Non Invasive Blood Pressure (NIBP) measurement and state of art Aseptic Lab (Class 100) complying with industry norms.






## About Seminar

**Translational research has become a buzzword in the life sciences, aimed at moving discoveries from the "bench to the bedside." The seminar is exclusively focused on Translational aspects of Pharmaceutical drug development with the aim to create a platform for knowledge-sharing where researchers, scientists, academicians and the industry can discuss and share new trends in translation of new ideas for treatment of Cancer. The scope of seminar is to unveil the novel developments and explore the ideas and realities through practical experiences of the speakers. The seminar will provide opportunities to partici-pants for the collaborations across the healthcare systems, which are important in accelerating the pace of innovation for developing new pharmaceutical products aimed to treat Cancer.**

## Thrust areas of seminar

**Preclinical and Clinical aspect of Cancer, Cancer Immunotherapy & Vaccines, Gene therapy, Stem cell Signaling & Regulation, Cell-Based Therapy, Regulatory affair aspect related to Anti-Cancer filing, Toxicological studies of Anti-Cancer formulations, Development & screening of new Anti–Cancer molecules, Targeted delivery of Anti-Cancer drugs**

## Eminent Speakers

**Dr. B. G. Patel**
Advisor, CHARUSAT - Changa

**Dr. Geeta Vanage**
Ex- Scientist, National Institute for Research in Reproductive Health ICMR, ,Mumbai

**Dr. Sarita Gupta**
Professor - Department of Biochemistry,
M S University, Baroda

**Dr. Anuradha Gajjar**
Professor - Department of Pharmaceutical Chemistry
L. M. College of Pharmacy, Ahmedabad

**Dr. Shehnaz Kantharia**
Oncology surgeon - Kailash Cancer Hospital and Research Center
Vadodara

**Dr. Priyanka Srivastava**
Oncology Specialist - Shree Krishna Hospital, Karamsad

**Dr. Mahendra Seervi**
Assistant Professor, PDPIAS, CHARUSAT– Changa

National Seminar on

# *"TRANSLATIONAL RESEARCH IN CANCER BIOLOGY"*

1st & 2nd February, 2019

## REGISTRATION FORM

Name: ……

Designation: ……..

Institute/ Industry: ……

Qualification: ……

Address: ……

……..

Contact no: ……

Email Id: ……..

Mode of Payment: DD…… ……CASH……..

Amount: …… DD no: ……

Issuing Bank: ……

Date: …… Sign: ……..

Google Pay: Kindly use QR code given below for payment (only student)

**Last Date of Registration:** 22nd January, 2019

# Kindly send us scanned copy of duly filled registration form & payment receipt at rpcp.translational@gmail.com

## Registration Form may be photocopied or downloaded from website for circulation & registration. Registration fees are non refundable.




## CALL FOR ABSTRACT (Oral & Poster presentation)

The scientific service committee invites you to submit abstract of your work related to Interesting Findings on Cellular and Molecular Aspects , Drug Discovery, Designing and Development of Formulation, Toxicological, Preclinical, Clinical Assessment, Regulatory Aspects related to the theme of seminar. We also encourage you to submit paper on detection and treatment of Cancer.

Each author is entitled to submit one paper as the presenting author. Presenting author needs to register for the seminar after acceptance of abstract. The author will be notified about the acceptance of the abstract through email only.

**Oral Presentations** may be accompanied with PowerPoint. Prepare your presentation as a single file to run on PC as a Microsoft Office PowerPoint Presentation format file. Each presenter will be allocated 10 minutes for presentation and 3 minutes for interaction.
The size of poster for **poster presentation** event must be 1M X 1M. All the description and diagrams should be legible from the distance of 2 meters. Title should be bold, in Times New Roman, single line spacing, centered and Titled case. The text should be in Times New Roman.

Abstract must be submitted through email rpcp.translational@gmail.com in Microsoft word file in Times New Roman, Font size: 12 according to following format:

**Title of the Paper**: Times New Roman, Bold, font size 14, single line spacing, centered and Titled case
**Presenting Author**: Surname followed by Name, in Times New Roman, font size 12, single line spacing, centered and Titled case, name of presenting author should be underlined
**Affiliation**: each affiliation should be marked by numbering in superscript after the name of author.
Abstract should not be more than 300 words. The Title should be specific to reflect the work to be presented. Number of Authors is restricted to 4 authors per presentation.

Last date for Abstract Submission: 15-01-2019
Intimation of Acceptance : 20-01-2019

# Decision of scientific committee will be remained final in case of controversy.

CHARUSAT
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rpcp
RAMANBHAI PATEL COLLEGE OF PHARMACY

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President: Shri Surendra Patel | Hon. Secretary: Dr. M.C. Patel

# A report on

# National Seminar on "Translational Research in Cancer Biology"

# 1st and 2nd February 2019

National Seminar on Translational Research in Cancer Biology was organized by Ramanbhai Patel College of Pharmacy, Charotar University of Science and Technology, Changa (CHARUSAT) on 1st and 2nd February, 2019. The seminar was financially supported by Gujarat State Biotechnology Mission (GSBTM) and CHARUSAT. The theme of seminar was "Strengthening Research to Combat Future of Cancer".

During inauguration function, Dr. Prabhudas Patel, Professor and Head, Cancer Biology, Gujarat Cancer and Research Institute (GCRI), Ahmedabad was invited as the Chief Guest and Shri. H. T. Patel, former President- API Business, Cadila Healthcare LTD, graced the occasion as the Guest of honor. Dr. B.G. Patel, Advisor to CHARUSAT and Shri. Virendra Patel, trustee, Matrusanstha and Kelavani Mandal were also present to grace the function. Dr. Pankaj Joshi, Provost, CHARUSAT presided over the function. Shri H.T. Patel emphasized the need of academic research and importance of translation of academic research as an industrial application. Dr. Pankaj Joshi encouraged young minds to opt research as future career. Dr. Prabhudas Patel delivered key note address on "Translational Oncology- the Bridge between Basic Research and Clinical Practice".

Seven eminent speakers were invited as resource persons to deliver talks on various topics on translation of knowledge gathered from studies on Cancer Biology. The speakers were Dr. B. G. Patel (advisor, CHARUSAT), Dr. Sarita Gupta (Professor, Department of Biochemistry, M. S. University, Vadodara), Dr. Priyanka Srivastava (Medical Oncologist, Krishna Hospital, Karamsad), Dr. Mahendra Seervi (PDPIAS, CHARUSAT), Dr. Shehnaz Kantharia (Oncology Surgeon, Kailash Cancer Hospital and Research Center, Goraj), Dr. Geeta Vanage (Ex. Scientist, NIRRH, ICMR Mumbai) and Dr. Anuradha Gajjar (Professor, L. M. Patel college of Pharmacy, Ahmedabad).

198 delegates of various institutes of pharmacy, paramedical and applied sciences as well as industries had participated in the seminar. Around 60 posters and 14 oral presentations were made by the delegates on various topics of current developments in cancer research. 5 delegates had received the prizes in the poster session while two prizes were given for oral session. The participants interacted with invited speakers and discussed about frontiers in the field of Cancer Biology and Therapeutics. This program would help them in acquiring new knowledge and translating the information to various applications.

A. K. Patel

Mr. Alkesh Patel
Event coordinator

**National Seminar on Translational Research in Cancer Biology**

**1st and 2nd February, 2019**

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**List of participants**

| Sr. No. | Name | Institute/Industry |
|---|---|---|
| 1 | Solanki Riddhi Narendra | Ramanbhai Patel College of Pharmacy |
| 2 | Patel Shrina Pareshkumar | Ramanbhai Patel College of Pharmacy |
| 3 | Mr. Dharmang T. Pandya | Ramanbhai Patel College of Pharmacy |
| 4 | Dr. Nilay Solanki | Ramanbhai Patel College of Pharmacy |
| 5 | Mr. Nikunj Parekh | Ramanbhai Patel College of Pharmacy |
| 6 | Saiyad Naziyabanu I. | Ramanbhai Patel College of Pharmacy |
| 7 | Shaikh Nidatasnim Gulamhaider | Ramanbhai Patel College of Pharmacy |
| 8 | Riya K Patel | Ramanbhai Patel College of Pharmacy |
| 9 | Gori Pooja V. | Ramanbhai Patel College of Pharmacy |
| 10 | Akhilesh S Nadagouda | Ramanbhai Patel College of Pharmacy |
| 11 | Kalola Sachi | Ramanbhai Patel College of Pharmacy |
| 12 | Ayushi H Solanki | Ramanbhai Patel College of Pharmacy |
| 13 | Pathak Amishi Vinay | Ramanbhai Patel College of Pharmacy |
| 14 | Zalak A Patel | Ramanbhai Patel College of Pharmacy |
| 15 | Rutvi Dattesh Patel | Ramanbhai Patel College of Pharmacy |
| 16 | Dhruvi Pandit | Ramanbhai Patel College of Pharmacy |
| 17 | Nisha Patel | Ramanbhai Patel College of Pharmacy |
| 18 | Kirti D Vadi | Ramanbhai Patel College of Pharmacy |
| 19 | Patel Priyal Jitendrakumar | Ramanbhai Patel College of Pharmacy |
| 20 | Mihir Kachhia | Ramanbhai Patel College of Pharmacy |
| 21 | Rahul Dhirajbhai Lalwani | Ramanbhai Patel College of Pharmacy |
| 22 | Patel Vruti | Ramanbhai Patel College of Pharmacy |
| 23 | Patel Yash Pragneshkumar | Ramanbhai Patel College of Pharmacy |
| 24 | Mr. Hardik Koria | Ramanbhai Patel College of Pharmacy |
| 25 | Dr.Gayatri Patel | Ramanbhai Patel College of Pharmacy |
| 26 | Dr. Umang H. Shah | Ramanbhai Patel College of Pharmacy |
| 27 | Krishna P. Patel | Ramanbhai Patel College of Pharmacy |
| 28 | Pushti R. Gandhi | Ramanbhai Patel College of Pharmacy |
| 29 | Dr. Niraj Y. Vyas | Ramanbhai Patel College of Pharmacy |
| 30 | Jeet munjani | Ramanbhai Patel College of Pharmacy |
| 31 | Shah Hardi V | Ramanbhai Patel College of Pharmacy |
| 32 | Goswami Umang K | Ramanbhai Patel College of Pharmacy |

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|---|---|---|
| 33 | Bhadankar Yatindra S | Ramanbhai Patel College of Pharmacy |
| 34 | Patel Khyati D | Ramanbhai Patel College of Pharmacy |
| 35 | Thacker Drupad | Ramanbhai Patel College of Pharmacy |
| 36 | Tripathi Chandani M | Ramanbhai Patel College of Pharmacy |
| 37 | Dr.Ravishbhai J Patel | Ramanbhai Patel College of Pharmacy |
| 38 | Dr. Jalpa Suthar | Ramanbhai Patel College of Pharmacy |
| 39 | Dr. Jagruti Desai | Ramanbhai Patel College of Pharmacy |
| 40 | Bindu kumari Yadav | Ramanbhai Patel College of Pharmacy |
| 41 | Dr. Mehul Patel | Ramanbhai Patel College of Pharmacy |
| 42 | Sweta Shah | Ramanbhai Patel College of Pharmacy |
| 43 | Jhanvi Soni | Ramanbhai Patel College of Pharmacy |
| 44 | Neha Singh | Ramanbhai Patel College of Pharmacy |
| 45 | Rashmi Hemani | Ramanbhai Patel College of Pharmacy |
| 46 | Sachin Sharma | Parul Institute of Pharmacy and Research |
| 47 | Rakesh S. Parmar | Parul Institute of Pharmacy and Research |
| 48 | Ankita Priyadarshini | Parul institute of applied science |
| 49 | Christy Analtwisha Chandrakant | Parul institute of applied science |
| 50 | Ayushi Vaja | Parul institute of applied science |
| 51 | Vaishnavi nayakwade | Parul institute of applied science |
| 52 | Rajkumar Aghera | Parul institute of applied science |
| 53 | Raju Lakhabhai Gojiya | Parul institute of applied science |
| 54 | Krishna jani | Parul university |
| 55 | Vaidya Krishna Pravinbhai | Parul institute of applied science |
| 56 | Maitree Patel | Parul institute of pharmacy |
| 57 | Parth Rajyaguru | Parul institute of pharmacy |
| 58 | Hemant Patadia | Parul institute of applied science |
| 59 | Khushboo Kakwani | Parul institute of Pharmacy |
| 60 | Pramod meghwal | Parul University |
| 61 | Priyanka Raut | Parul institute of Pharmacy |
| 62 | Dr. Archana Navale | Parul Institute of Pharmacy |
| 63 | Pooja Jethva | A one pharmacy college |
| 64 | Priya Damwani | A one pharmacy college |
| 65 | Suthar Ushakumari | A one pharmacy college |
| 66 | Ravina Suthar | A one pharmacy college |
| 67 | Darshan Keer | Madhav University , Aburoad |
| 68 | Jinesh Kumawat | Madhav University, Aburoad |
| 69 | Shital Shewale | Madhav University, Aburoad |
| 70 | Goutam Kumar Rawal | Madhav University, Aburoad |

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|---|---|---|
| 71 | Nikita Kadak | Madhav University, Aburoad |
| 72 | Bhanu Pratap Singh | Madhav University, Aburoad |
| 73 | Aayush Panjiyar | Madhav University, Aburoad |
| 74 | Neha Rathore | Sal Institute of Pharmacy |
| 75 | Jeet Dave | Sal Institute of Pharmacy |
| 76 | Jariwala Naitik | Sal Institute of Pharmacy |
| 77 | Pujara Flora | Sal Institute of Pharmacy |
| 78 | Sheth Dharti | Sal Institute of Pharmacy |
| 79 | Soham Patel | Sal Institute of Pharmacy |
| 80 | Rutvik Patel | Sal Institute of Pharmacy |
| 81 | Vraj Patel | Sal Institute of Pharmacy |
| 82 | Kishan Patel | Sal Institute of Pharmacy |
| 83 | Dhruminsinh Vaghela | Sal Institute of Pharmacy |
| 84 | Dhaval Bhanushali | Sal Institute of Pharmacy |
| 85 | Anushka J Chanchlani | Sal Institute of Pharmacy |
| 86 | Rushita Mistry | Sal Institute of Pharmacy |
| 87 | Kunal Mishra | Sal Institute of Pharmacy |
| 88 | Purva Shah | Sal Institute of Pharmacy |
| 89 | Shalini Chaudhary | Sal Institute of Pharmacy |
| 90 | Patel Yash Y | Sal Institute of Pharmacy |
| 91 | Mathur Khushboo S | Sal Institute of Pharmacy |
| 92 | Bhatt Abhishek J | Sal Institute of Pharmacy |
| 93 | Nishtha Mendha | Sal Institute of Pharmacy |
| 94 | Rutu Barot | Sal Institute of Pharmacy |
| 95 | Takshanshu Patel | Sal Institute of Pharmacy |
| 96 | Jayani Patel | Sal Institute of Pharmacy |
| 97 | Pandya Himashree Abhishekbhai | Sal Institute of Pharmacy |
| 98 | Priyal Trivedi himanshubahi | Sal Institute of Pharmacy |
| 99 | Parinda Parikh | Sal Institute of Pharmacy |
| 100 | Miloni V Jpshi | Sal Institute of Pharmacy |
| 101 | Nidhi Prasannakumar Shukla | Sal Institute of Pharmacy |
| 102 | Dhruvanshi Mayur Kothari | Sal Institute of Pharmacy |
| 103 | Sakshi Alpesh Shah | Sal Institute of Pharmacy |
| 104 | Ria Shah | Sal Institute of Pharmacy |
| 105 | Disha Kalpesh Shah | Sal Institute of Pharmacy |
| 106 | Drashti Nishith Nayak | Sal Institute of Pharmacy |
| 107 | Foram Kalariya | Sal Institute of Pharmacy |
| 108 | Nikhil Bhavsar | Sal Institute of Pharmacy |
| 109 | Dhruv Joshi | Sal Institute of Pharmacy |

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|---|---|---|
| 110 | George Abigail Abraham | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 111 | Christian Princy R | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 112 | Patel Smit N | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 113 | Patel Arya Hiteshkumar | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 114 | Patel Kalgi | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 115 | Patel Khushi Bharatbhai | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 116 | Karishma M Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 117 | Amoli Gandhi | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 118 | Sharvari Kolte | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 119 | Rezy Mathew | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 120 | Patel Hely | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 121 | Pavan Barot | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 122 | Parshwa A Shah | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 123 | Himani Parikh P | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 124 | Himani Ankur Vyas | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 125 | Chawla Riddhi L | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 126 | Het S Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 127 | Kanjav Oza | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 128 | Prachi Barot | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 129 | Magdalia Hemal K | K.B.Institute of Pharmaceutical education and research, Gandhinagar |

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| 130 | Dhwani P Parekh | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 131 | Jainish Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 132 | Kshitee Naik | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 133 | Anagha Aravind | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 134 | VIDHI PATEL | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 135 | Vrushank Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 136 | HARDIK JETHALIYA | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 137 | Nirva Gajjar | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 138 | Hitanshi Adhvaryu | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 139 | Arshi Panchal | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 140 | Rima Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 141 | Siddhi Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 142 | Avani Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 143 | Maitry Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 144 | Vasani Saloni | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 145 | Hardik Papaiya | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 146 | Sneh Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 147 | Saraiya Yash | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 148 | Davariya Jay | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 149 | Hitanshi Prajapati | K.B.Institute of Pharmaceutical education and research, Gandhinagar |

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|---|---|---|
| 150 | Sonia Shaji | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 151 | Bansari Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 152 | Swapnil Dalsaniya | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 153 | Dr. Priyanshi Rathod | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 154 | Dhruv Prajapati | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 155 | Devanshee Patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 156 | Tanmay patel | K.B.Institute of Pharmaceutical education and research, Gandhinagar |
| 157 | Mahek Mistry | Department of Pharmacy, Sumandeep Vidyapith |
| 158 | Ashish Shah | Department of Pharmacy, Sumandeep Vidyapith |
| 159 | Ghanshyam Parmar | Department of Pharmacy, Sumandeep Vidyapith |
| 160 | Dr. Girish U Sailor | Department of Pharmacy, Sumandeep Vidyapith |
| 161 | Mrunali A. Nemade | Babaria Institute of pharmacy, BITS Education campus |
| 162 | Srushti P. Patel | Nootan Pharmacy College, Visnagar |
| 163 | Dr. Digvijaysinh Rana | ARIBAS |
| 164 | Dr.Nirzarini Shah | A. R. College of Pharmacy, V.V.nagar |
| 165 | Dr. Hetal Solanki | Shivam Pharmaceutical studies and research center, Valasan |
| 166 | Limje Dipika L. | Sharda School of Pharmacy |
| 167 | Shubh Patel B. | Sharda School of Pharmacy |
| 168 | Riya Thakkar | Sharda School of Pharmacy |
| 169 | Shivam Rathod | Sharda School of Pharmacy |
| 170 | Jyotishi Charmi | GCRI, Ahmedabad |
| 171 | Gandhi Devarshi | GCRI, Ahmedabad |
| 172 | Oza Helee | GCRI, Ahmedabad |
| 173 | Mansuri Fazila | GCRI, Ahmedabad |
| 174 | Maitri Patel | GCRI, Ahmedabad |
| 175 | Savsaiya Mayur | GCRI, Ahmedabad |
| 176 | Gonsai Mrunalini | GCRI, Ahmedabad |
| 177 | Pooja Parmar | GCRI, Ahmedabad |
| 178 | Nisha Vyas | GCRI, Ahmedabad |
| 179 | Trivedi Nidhi | GCRI, Ahmedabad |
| 180 | Pratihast Pushpanjali | GCRI, Ahmedabad |
| 181 | Shrenik Patel | GCRI, Ahmedabad |

| | | |
|---|---|---|
| 182 | Yadav Vijendra | GCRI, Ahmedabad |
| 183 | Gupta Yashvi | GCRI, Ahmedabad |
| 184 | Kazi Mehnaz m | GCRI, Ahmedabad |
| 185 | Dr. Pina Trivedi | GCRI, Ahmedabad |
| 186 | Kritika Raina | B.K.Modi Government Pharmacy college, Rajkot |
| 187 | Krina Kanabar | B.K.Modi Government Pharmacy college, Rajkot |
| 188 | NIDHI J. PATEL | ITM school of Pharmacy |
| 189 | HELLY SHAH | ITM school of Pharmacy |
| 190 | Nidhi N. Patel | ITM school of Pharmacy |
| 191 | Swain Tapaswini N | C G Bhakta institute of biotechnology |
| 192 | Pathak Diksha | C G Bhakta institute of biotechnology |
| 193 | Sejal Purani | The M.S.University |
| 194 | Dr. Dhruv bhatiya | AAU |
| 195 | Dr. Ankit Dave | AAU |
| 196 | Dr. Shiven Patel | AAU |
| 197 | Dr. Rajesh Parmar | APMC |
| 198 | Prajapati Ramdatt | AAU |
| 199 | Mayur Wankhade | Babaria Institute of pharmacy |
| 200 | Pratik Mitra | Babaria Institute of pharmacy |

21 Faculty members from Academic
179 Students participants

A. K. Patel

Mr. Alkesh Patel

Coordinator

Ramanbhai Patel College of Pharmacy
CHARUSAT
CHANGA




**National Seminar on Translational Research in Cancer Biology (1 February 2019)**




**National Seminar on Translational Research in Cancer Biology (2 February 2019)**

CHARUSAT

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra-modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 543 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATIONS

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA) is a constituent institute of CHARUSAT. It is offering a MCA, MCA Lateral, M.Sc. (IT), MCA-Dual, and Ph. D. programmes. The vision of the institute is to become a leading institution in the field of computer applications and contribute in national efforts of computerizing public systems. It is committed to excel both in teaching and research. Institute is reacting rapidly to the changing technological landscape by adapting quickly. The Institute is also committed to adapt industry practices.



## ORGANIZING COMMITTEE:

**Chief Patron**
Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM

**Patron**
Dr. B. G. Patel, Provost, CHARUSAT

**Resource persons:**
Dr. Deepak Garg , Bennett University, Greater Noida, India

**General Chair**
Dr. Atul Patel, Principal, CMPICA

**Venue:**
**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**
Faculty of Computer Science and Applications,
Charotar University of Science & Technology (CHARUSAT),
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697-248215 Fax: 02697-247100
Cell: 787 4607066
E-mail: kanupatel.mca@charusat.ac.in

# Workshop on AI and Deep Learning

**THEME:**

***Transforming nation through AI and MI technologies***

## July 7-9, 2018

**Workshop Announcement**

**In association with**
**Leadingindia.ai**
**Bennett University**
**Greater Noida,**
**India**

CMPICA

**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**
Faculty of Computer Science & Applications
**Charotar University of Science & Technology (CHARUSAT)**
**Accredited with Grade A by NAAC**
**Changa**
www.charusat.ac.in

**Workshop on AI and Deep Learning**

Date(s) of the workshop : July 07-09, 2018

Collaborating institutions /Organizations : Bennett University, and LeadingIndia.ai
https://leadingindia.ai/changa

Description:
Workshop on AI and Deep Learning aims to make Deep Learning and AI skills mainstream in India to fulfill trilateral needs of entrepreneurship, Industry academia partnership and application-inspired Engineering Research.

Objectives:
- To make cutting edge skills and supercomputing infrastructure available to the wider community of academicians and researchers.
- To initiate, sustain and nourish research groups in Artificial Intelligence.
- To motivate the learner community for exploiting the potential of start-ups and innovations in this area and connecting them with the real-life problems of industry.

Name of Experts: Dr. Deepak Garg, Professor, Bennett University and Director, LeadingIndia.ai
Dr. Sridhar Swaminathan, Bennett University

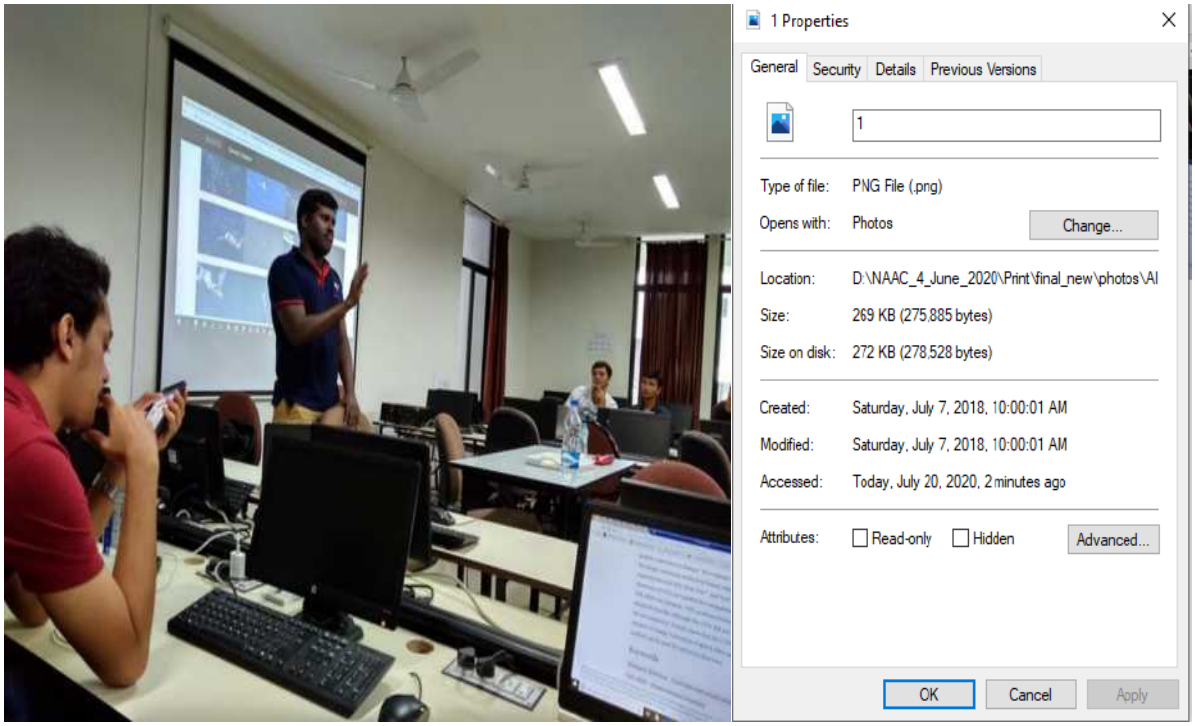
Number of participants: 32

List of attendees:

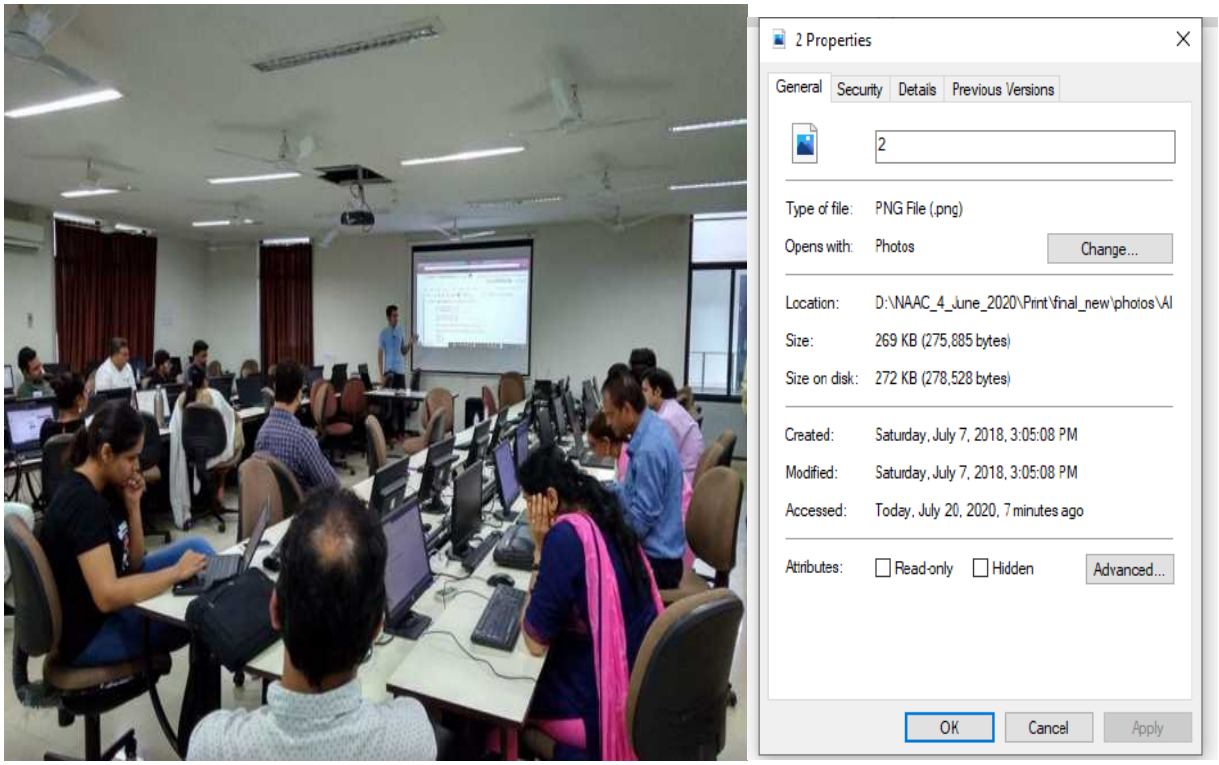
| Sr.# | Name | Institute/University | Signature |
|---|---|---|---|
| 1 | Dr. Sachin Sharma | Institute of Advanced Research, Gandhinagar | |
| 2 | Chintankumar K. Umraliya | Dr. J. N. Mehta Government Polytechnic Amreli | |
| 3 | Himanshu Pandya | Gujarat Technological University | |
| 4 | Patel Medha Jigish | Institute of Advanced Research , Gandhinagar | |
| 5 | ATUL M PATEL | CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | |
| 6 | Mrudang Pandya | charusat university | |
| 7 | Nilay Pravinchandra Ganatra | CHARUSAT | |
| 8 | Dharmendra Trikamlal Patel | Charotar University of Science and Technology | |
| 9 | Dr. Sanskruti Patel | CMPICA - CHARUSAT | |
| 10 | Nirali Nikhilkumar Honest | Smt. Chandaben Mohanbhai Patel Institute of Computer | |

| | | | |
|---|---|---|---|
| | | Applications, CHARUSAT, Changa. | |
| 11 | Chirag Indravadanbhai Patel | CMPICA, CHARUSAT, Changa | |
| 12 | Divyesh PAtel | Charotar University of Science and Technology | |
| 13 | Nilam Desai | CMPICA, CHARUSAT | |
| 14 | Bhaskarjyoti Borah | Charotar University of Science and Technology | |
| 15 | Priyanka Patel | IT,CSPIT,CHARUSAT | |
| 16 | Rikin Nayak | CSPIT,CHARUSAT | |
| 17 | Prof. Rinku Chavda | Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad | |
| 18 | Prof. Virendra Ingle | Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad | |
| 19 | Dippal Prabhudas Israni | CHARUSAT | |
| 20 | Isha Patel | Charotar University of Science and Technology | |
| 21 | Dhwani Kirankumar Trivedi | BVM ENGINEERING COLLEGE, V.V. NAGAR | |
| 22 | Dr. Mehul kumar Surendrabhai Patel | C.P.PATEL & F.H. SHAH Commerce college Anand | |
| 23 | Khushboobahen Dipakkumar Patel | Charotar University of Science & Technology | |
| 24 | Mr. Jaydeep Pravinbhai Patel | C.P.Patel & F.H.Shah Commerce College, Anand | |
| 25 | NAYANKUMAR SURYAKANTBHAI PATEL | B.N.PATEL INSTITUTE OF PARAMEDICAL AND SCIENCE(SCIENCE DIVISION) | |
| 26 | Chetanaben Maheshbhai Tailor | Shrimad Rajchandra Institute of Management and Computer Application | |
| 27 | Divya Dholiya | Shrimad Rajchandra Institute of Management and Computer Application | |
| 28 | CHETAN PRAVINBHAI GONDALIYA | DEPARTMENT OF COMPUTER SCIENCE | |
| 29 | Pranav Vyas | Charotar University of Science and Technology | |
| 30 | Hetalben Punjabhai | CHARUSAT | |
| 31 | Arpit Raseshkumar Trivedi | CMPICA,CHARUSAT | |

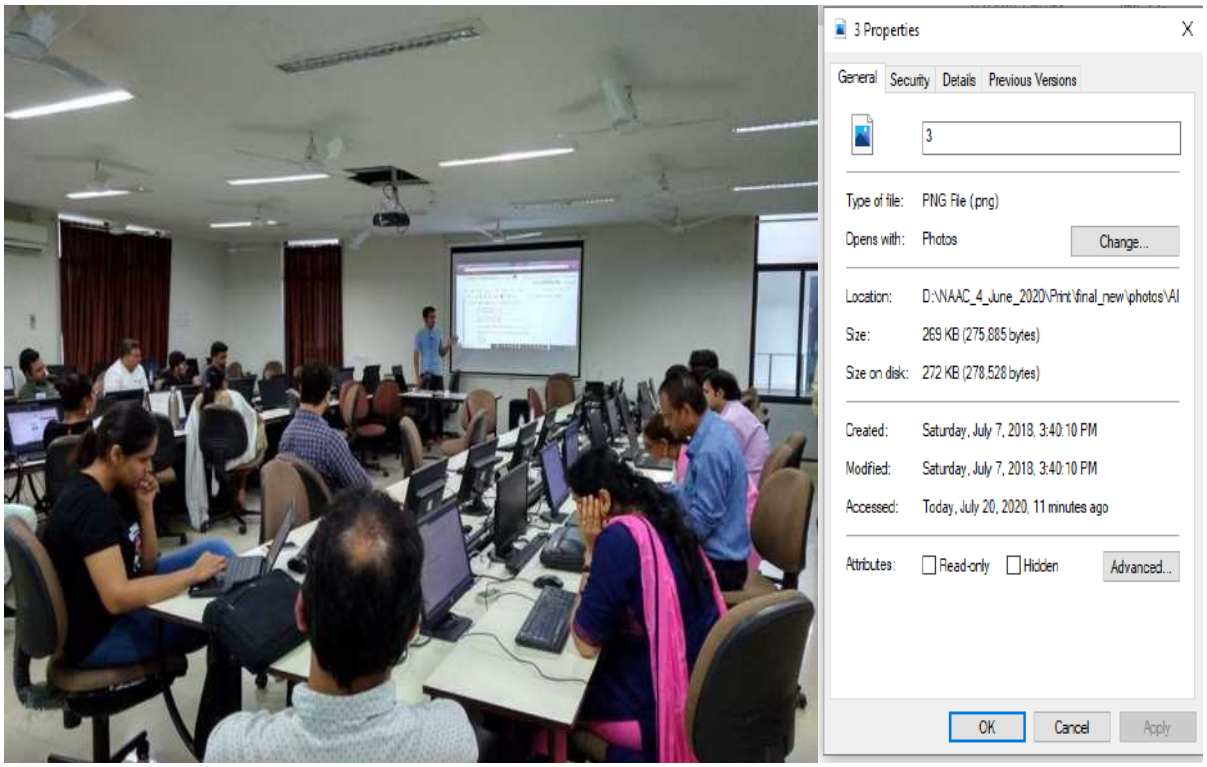
| | | | |
|---|---|---|---|
| 32 | MR. MIRALKUMAR VISHNUBHAI PATEL | B.N.PATEL INSTITUTE OF PARAMEDICAL & SCIENCE (SCIENCE DIVISION) | |




Expert talk-1 during the workshop




Expert talk-2 during the workshop




Hands-on session during the workshop

## Registration Form

**GUJCOST SPONSORED STTP**
**On**
***"Research Prospects of Machine Learning Approaches for Data Analytics and Computer Vision"***
**May 13-18, 2019**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile No.: _____

E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science and Technology" payable at Anand as registration fees.

**Fee Details:**

Students ☐ Faculty Member ☐

Industry ☐

Amount: _____

Cheque/Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution

## Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

## Advisory Committee

Mr. Ashok Patel, Advisor, CHARUSAT
Dr. H J Jani, Advisor, CHARUSAT
Dr. B G Patel, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

## Convener

Dr. Atul Patel,
Dean & Principal, FCA - CMPICA, CHARUSAT

## Coordinator

Dr. Sanskruti Patel,
Assistant Professor, FCA – CMPICA, CHARUSAT

## Correspondence

Dr. Atul Patel (M): 94273 87769
Dr. Sanskruti Patel (M): 94273 84247

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications,
Faculty of Computer Science and Applications,
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 265241/42
E-mail: atulpatel.mca@charusat.ac.in,
sanskrutipatel.mca@charusat.ac.in
Website: www.charusat.ac.in

# Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

(A Constituent Institute of CHARUSAT)

Faculty of Computer Science and Applications

**Organizes**

**GUJCOST SPONSORED STTP ON**

***Research Prospects of Machine Learning Approaches for Data Analytics and Computer Vision***

**May 13 – 18, 2019**

**In association with**

Department of Science & Technology
Government of Gujarat

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

*Accredited with Grade A by NAAC, Govt. of India*

## Charotar University of Science and Technology

CHARUSAT Campus, Highway 139,
Off Nadiad - Petlad Road, Changa, Gujarat 388421

## About the University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. It is Accredited with Grade A by NAAC and Grade A by KCG. The university campus is sprawling over 105 acres of lush green landscape with ultra modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 350 employees.

CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), Faculty of Computer Science and Applications (FCA) is a constituent institute/department of CHARUSAT.

It is offering a three-year full-time Master of Computer Applications (MCA) programme, a two-year full-time MCA Lateral programme, a two-year full-time Master of Science in Information Technology (M.Sc.(IT)) programme, a three-year full-time Bachelor of Computer Applications (BCA) programme, a three-year full-time Bachelor of Science in Information Technology (B.Sc.(IT)) programme and a Doctor of Philosophy (Ph. D.) programme.

The vision of the institute is to become one of the leading institutions in the country by imparting state - of - art education to the students in the field of computer applications and by contributing in the nation's efforts of computerizing public systems for the benefit of the masses. It is committed to excel in both teaching and research. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

## About the STTP

Research is an integral part of academic and industrial world. It plays an important role in growth of the business organizations and progress of a nation. Machine learning is a multidisciplinary research topic that employs intelligent techniques to discover useful concealed patterns, which are utilized in prediction to improve decision-making process. Machine learning algorithms are a set of techniques and heuristics that can be used to analyze data and images to improve business performance. This STTP gives participants a comprehensive understanding about the basics of machine learning and deep learning approaches to be applied for data analytics and image processing, available tools and techniques, research aspects, case studies and real time demonstrations.

The aim of this STTP is to bring together researchers and faculties from various interdisciplinary fields with the objective of discussing and exchanging ideas, new techniques, approaches and applications of the machine learning approaches for data analytics and computer vision. The STTP comprises with theory sessions, practical implementation with hands-on sessions.

## Resource Persons

Eminent experts from Industry and Academia

## Registration Fees / Important Dates

| | |
|---|---|
| **IEEE/CSI Members/Students** | **₹ 300/-** |
| **Faculties & others** | **₹ 500/-** |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. All payment should be made by a demand draft drawn in favor of "Charotar University of Science and Technology", payable at Anand.

The completed registration form accompanied by the demand draft should reach the event coordinator on or before **May 8th, 2019.** List of selected candidates will be displayed on CHARUSAT website on **May 9th, 2019.** Accommodation will be made available on a request.

## How to Reach?



# One Week STTP on "Research Prospects of Machine Learning Approaches for Data Analytics and Computer Vision" 13th - 18th May, 2019

**Report**

**Convener:-**
Dr. Atul Patel, Dean & Professor, CMPICA, CHARUSAT, Changa

**Coordinator:-**
Dr. Sanskruti Patel, Assistant Professor, CMPICA, CHARUSAT, Changa

**Expert Faculties:-**

1. Dr. Atul Patel, Dean & Professor, Faculty of Computer Science and Applications, CHARUSAT, Changa, Gujarat, India.
2. Dr. Amit Ganatra, Dean, Faculty of Technology, CHARUSAT, Changa, Gujarat, India.
3. Dr. Kiran Trivedi, Associate Professor, Shantilal Shah Engineering College, Sidsar Campus, Bhavnagar, Gujarat, India.
4. Dr. Priyank Thakkar, Associate Professor, CSE Department, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India.
5. Mr. Mrugendra Rahevar, Assistant Professor, U & P U Patel Department of Computer Engineering, Chandubhai S Patel Institute of Technology, CHARUSAT, Changa, Inda.
6. Dr. Sheshang Degadwala, Head of Computer Engineering Department, Sigma Institute of Engineering, Vadodara, Gujarat, India.
7. Dr. Suneet Gupta, Asst. Professor & NVIDIA DLI instructor for Computer Vision, Department of Computer Science Engineering, Bennett University, Tech Zone -II, Plot no. 8-11, Greater Noida, India.

**Brief Details of Workshop:-**

Research is an integral part of academic and industrial world. It plays an important role in growth of the business organizations and progress of a nation. Machine learning is a multidisciplinary research topic that employs intelligent techniques to discover useful concealed patterns, which are utilized in prediction to improve decision-making process. Machine learning algorithms are a set of techniques and heuristics that can be used to analyze data and images to improve business performance. This STTP gives participants a comprehensive understanding about the basics of machine learning and deep learning approaches to be applied for data analytics and image processing, available tools and techniques, research aspects, case studies and real time demonstrations.

A GUJCOST Sponsored Short Term Training Program (STTP) of 07 days on “Research Prospects of Machine Learning Approaches for Data Analytics and Computer Vision” was organized during May 13-18, 2019 at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa, Gujarat. Total 39 enthusiastic participants (including faculties and research scholars) had enrolled in the STTP from different institutions. STTP consists of technical sessions followed by hands on sessions. The aim of this STTP was to bring together researchers and faculties from various interdisciplinary fields with the objective of discussing and exchanging ideas, new techniques, approaches and applications of the machine learning approaches for data analytics and computer vision. The STTP comprised with theory sessions, practical implementation with hands-on sessions.

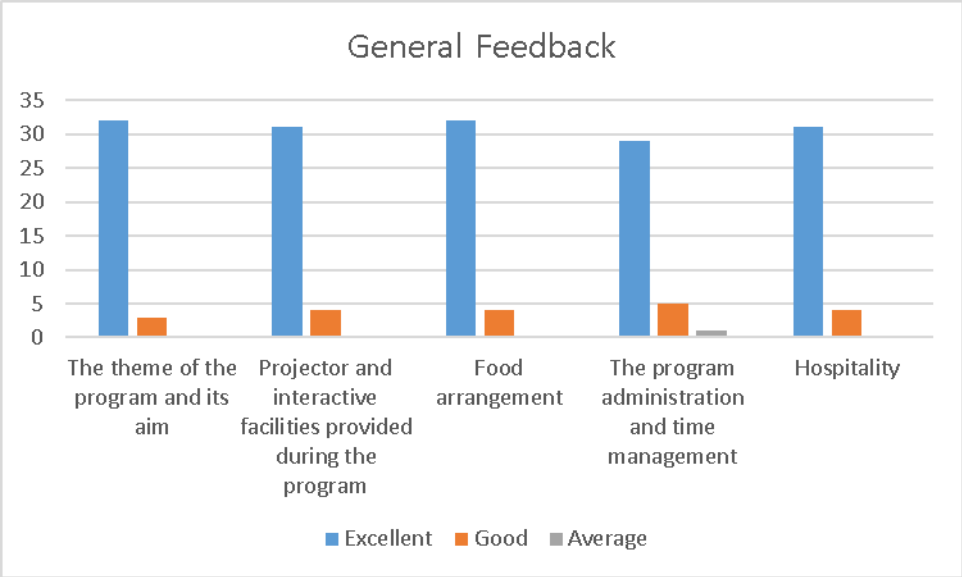
The Inaugural session of the STTP was started at 09:15 AM on May 13, 2019 at CMPICA building. During this session, participants were made aware about the aim and objectives of the workshop. Also, the detailed schedule of the STTP is made available to them. The following is the summary of the content of the workshop.

| Sr.No | Date | Topics Discussed |
|---|---|---|
| **1.** | **13/05/2019 (Monday)** | On the first day, the first half session was conducted by Dr. Atul Patel, Sir explained the concept of machine learning and its applications, the use of machine learning algorithms and its commercial applications. In the second half session Dr. Kiran Trivedi explained about human intelligence, machine intelligence, artificial intelligence and demonstrated the use of various AI enabled hardware with its applications. |
| **2.** | **14/05/2019 (Tuesday)** | In the first half session Dr. Amit Ganatra explained the introduction of data mining analytics, machine learning algorithms and its implementation with the practical hands on of various tools like Orange, Tanagra and Neural Intelligence. In the second half session Mr. Mrugendra Rahevar conducted the practical hands on python programming. |
| **3.** | **15/05/2019 (Wednesday)** | In the first half session Dr. Priyank Thakkar explained machine learning, types of machine learning algorithms, types of supervising learning algorithms, basics of artificial neural networks and Generative Adversarial Network, in the second half session Dr. Priyank Thakkar explained the different activation functions, its mathematical derivation and application at different layers of neural network. A practical hands on using SKlearn and Keras was conducted. |
| **4.** | **16/05/2019 (Thursday)** | In the first half session Dr. Suneet Kumar Gupta, explained machine learning basics, designing and optimizing neural network models, apply appropriate tuning to improve the accuracy of network, and in the second half session Dr. Suneet Kumar Gupta, explained the foundations and terminologies of deep learning. |
| **5.** | **17/05/2019 (Friday)** | In the first half session Dr. Suneet Kumar Gupta, explained on how to improve the model, Distribution of data for improving the accuracy of the model, Data Augmentation, Convolutional Neural network and Recurrent Neural Network. In the second half session Dr. Suneet Kumar Gupta, explained image classification with digits, object detection with digits, Azure Notebook on CNN transfer, learning and auto encoders. |
| **6.** | **18/05/2019 (Saturday)** | In the first half session Dr. Sheshang Degadwala explained what image processing, image segmentation and feature extraction is. Practical hands on was conducted using MATLAB. In the second half session Dr. Sheshang Degadwala explained machine learning and computer vison and demonstrated with a practical hands on using MATLAB. |

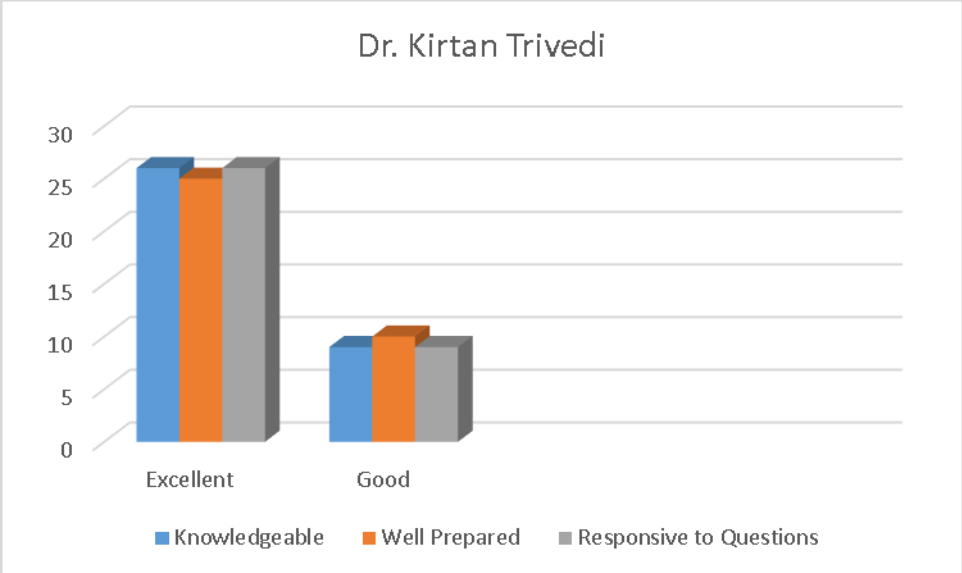
STTP ends with the assessment test and certificate distribution to the participants. At the end of STTP, participants shared their view along with their feedback.

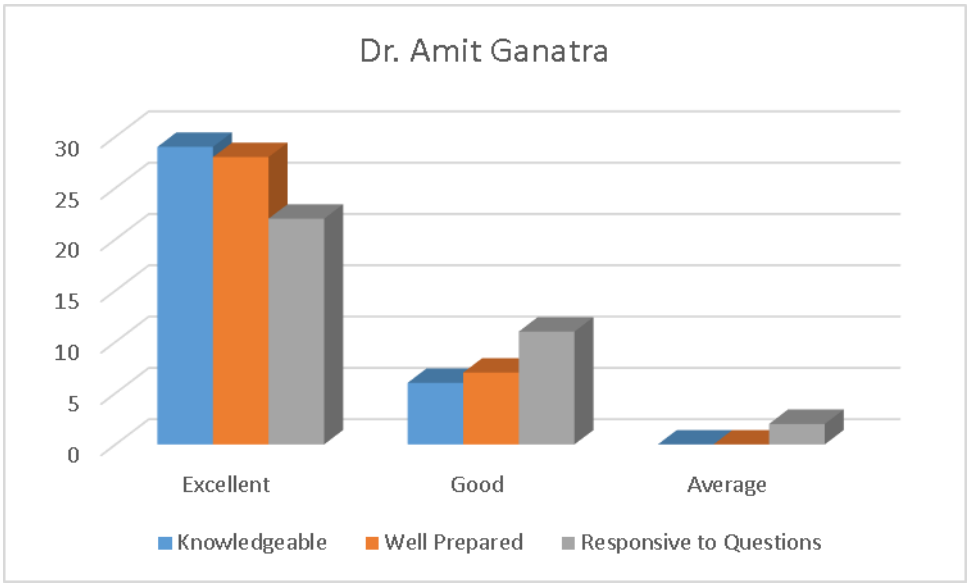
## Feedback Analysis

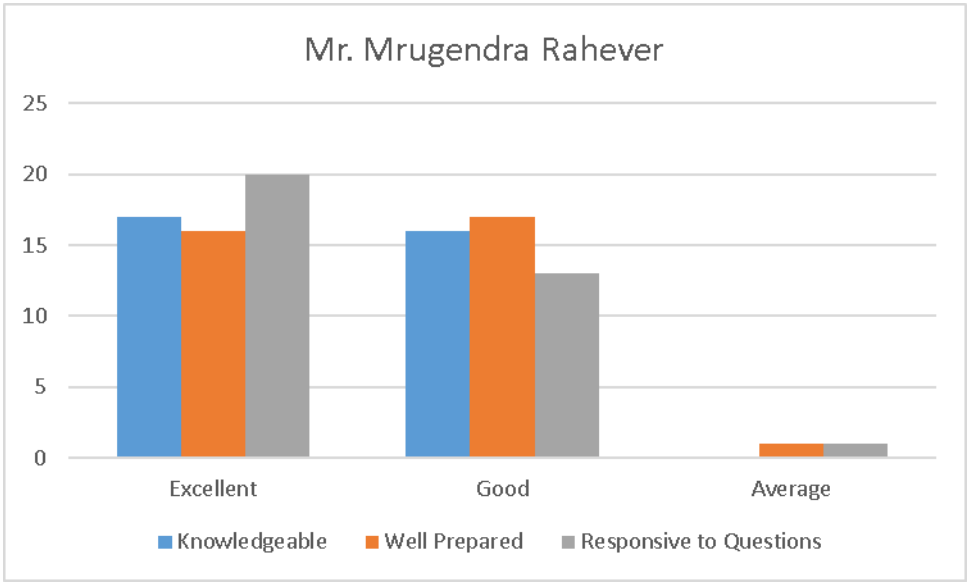
- **General Feedback**

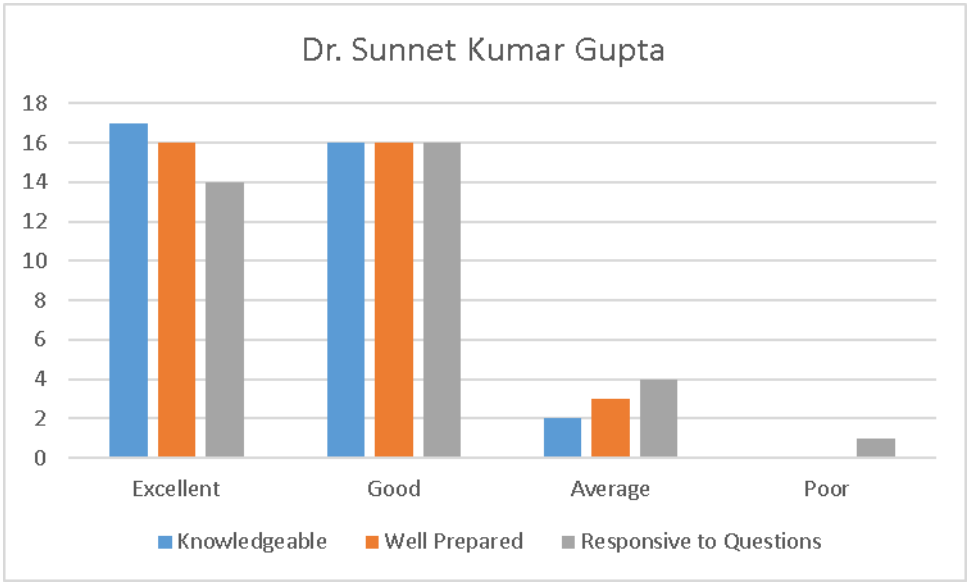


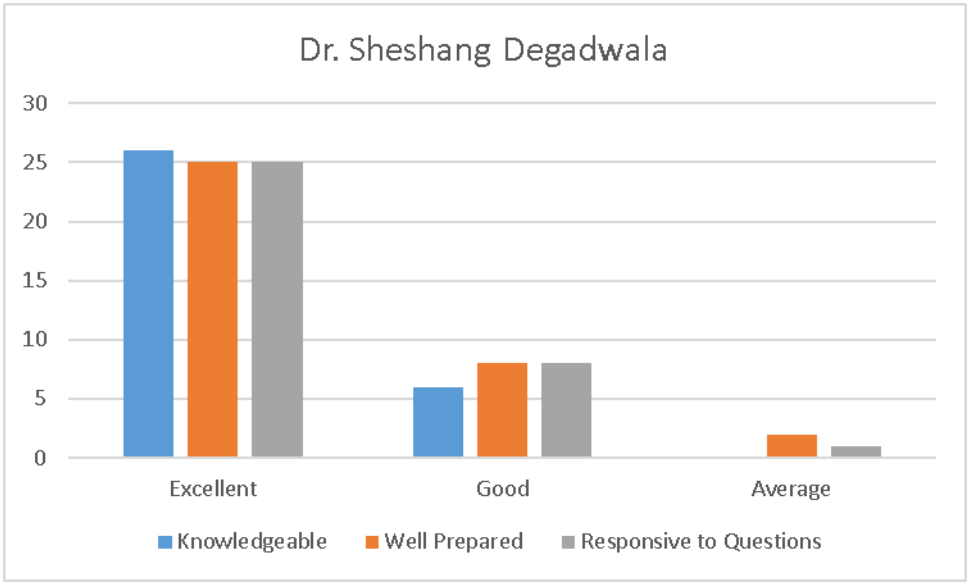

- **Instructor Feedback**

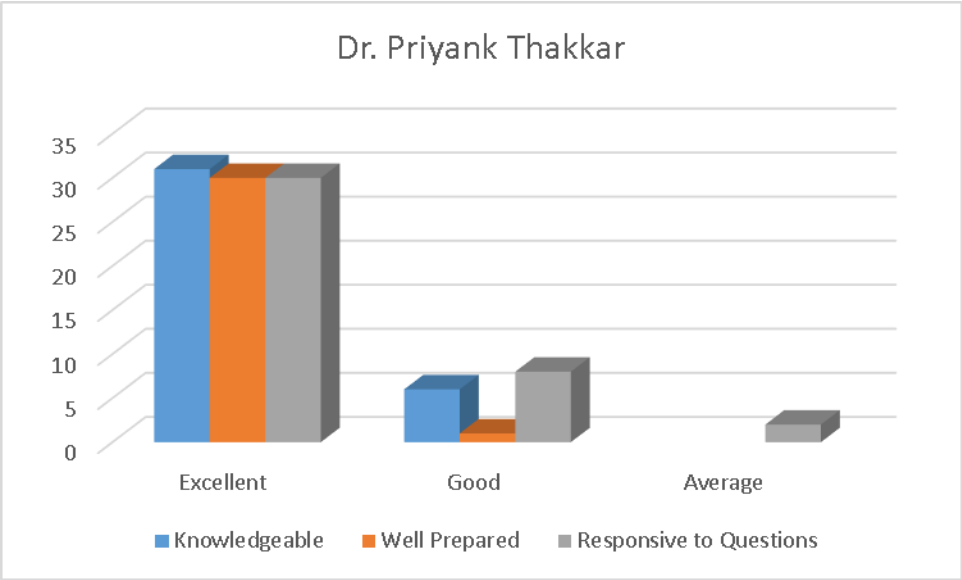



Dr. Amit Ganatra
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Excellent
Good
Average
Knowledgeable
Well Prepared
Responsive to Questions


Mr. Mrugendra Rahever
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Excellent
Good
Average
Knowledgeable
Well Prepared
Responsive to Questions


Dr. Sunnet Kumar Gupta
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Excellent
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Average
Poor
Knowledgeable
Well Prepared
Responsive to Questions


Dr. Sheshang Degadwala
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Excellent
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Knowledgeable
Well Prepared
Responsive to Questions

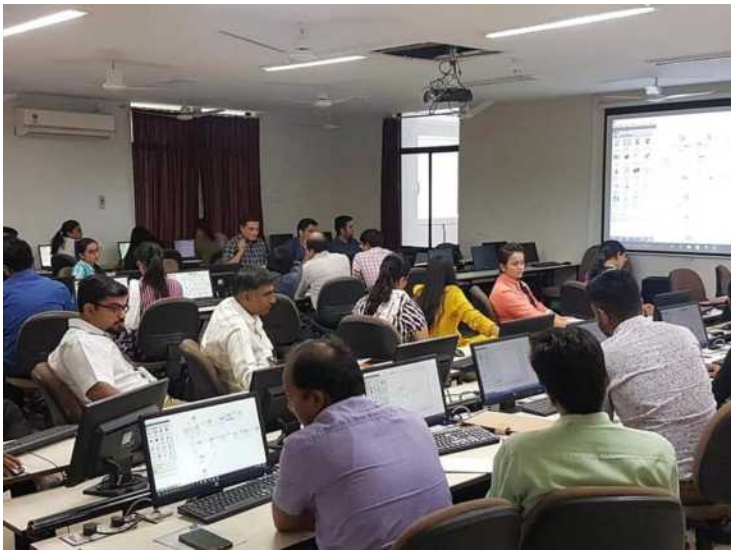

Dr. Priyank Thakkar
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Excellent
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Average
Knowledgeable
Well Prepared
Responsive to Questions

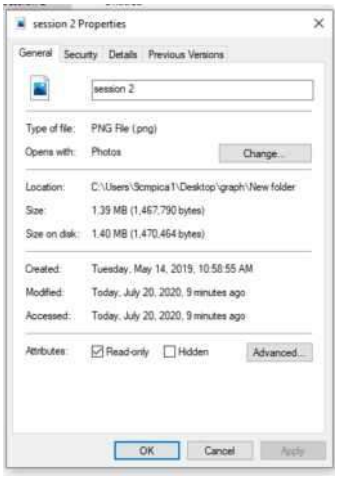
## List of Participants

| Sr. No. | Name | Institute Name |
|---|---|---|
| 1 | Shivang Patel | CPICA, Gujarat University |
| 2 | Aditya Patel | School of Computer Studies, Ahmedabad University |
| 3 | Jaideepsinh Raulji | School of Computer Studies, Ahmedabad University |
| 4 | Vinay Vachharajani | School of Computer Studies, Ahmedabad University |
| 5 | Hetal Barad | Smt. K.S. Kapashi BCA College, Palitana |
| 6 | Isha Patel | Research Scholor, CHARUSAT |
| 7 | Kruti Dipam Desai | Bhagvan Mahavir, Surat |
| 8 | Imtiyaz Padarshi | SSRACS, Selvasa |
| 9 | Nilesh N Bokhani | Department of Computer Science, Kachchh Univerity |
| 10 | Gautam Hemangini Badansingh | IT Officer, Municipal Corporation, Valsad |
| 11 | Nilay Ganatra | CMPICA, CHARUSAT, Changa |
| 12 | Nilaykumar M Vaidya | CMPICA, CHARUSAT, Changa |
| 13 | Mittal Desai | CMPICA, CHARUSAT, Changa |
| 14 | Rachana Patel | CMPICA, CHARUSAT, Changa |
| 15 | Mehta Tushar Gunvantray | CMPICA, CHARUSAT, Changa |
| 16 | Hardik I Patel | CMPICA, CHARUSAT, Changa |
| 17 | Pooja Parekh | CMPICA, CHARUSAT, Changa |
| 18 | Nirali Nikhilkumar Honest | CMPICA, CHARUSAT, Changa |
| 19 | Sanskruti Patel | CMPICA, CHARUSAT, Changa |
| 20 | Krishna Kant | CMPICA, CHARUSAT, Changa |
| 21 | Dharmendra Patel | CMPICA, CHARUSAT, Changa |
| 22 | Dhirendra Naranbhai Tandel | Smt. Tanuben & Manubhai Trivedi College of Information Science |
| 23 | Patel Hiral Ajaykumar | Sutex Bank College of Computer Applications |
| 24 | Miral Desai | CSPIT, CHARUSAT, Changa |
| 25 | Shailee Shah | GANPAT University |
| 26 | Krupali Busa | Gujarat University |
| 27 | Pooja Gandhi | INDUS University |
| 28 | Gaurang Pandya | B.V Patel Institute of Management, UTU |

| | | |
|---|---|---|
| 29 | Niyati Shah | B.V Patel Institute of Management, UTU |
| 30 | Vibhuti Patel | PICA-Parul University |
| 31 | Dharmendrasinh Rathod | PICA-Parul University |
| 32 | Jinal Shah | PICA-Parul University |
| 33 | Himanshu Ashokbhai Patel | CSPIT, CHARUSAT, Changa |
| 34 | Parthkumar Gajjar | GIMS.Pvt Ltd, Nadiad |
| 35 | Hiren Mewada | CSPIT, CHARUSAT, Changa |
| 36 | Rikin Nayak | CSPIT, CHARUSAT, Changa |
| 37 | Dippal | CSPIT, CHARUSAT, Changa |
| 38 | Parmar Jasmin Bhupatbhai | Sarvoday College of Computer Science, Rajkot |
| 39 | Shukla Abhilash | CMPICA, CHARUSAT |

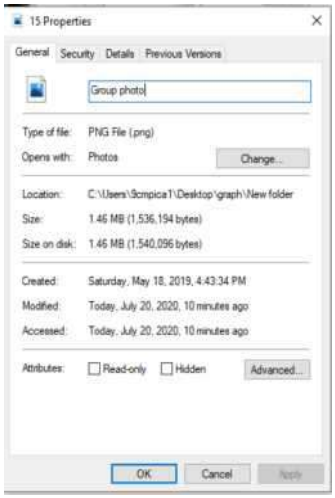
## Photographs of STTP





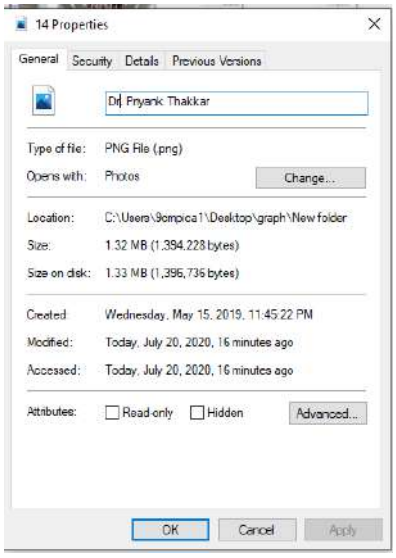

Dr. Amit Ganatra delivering a session on "Introduction to ML"



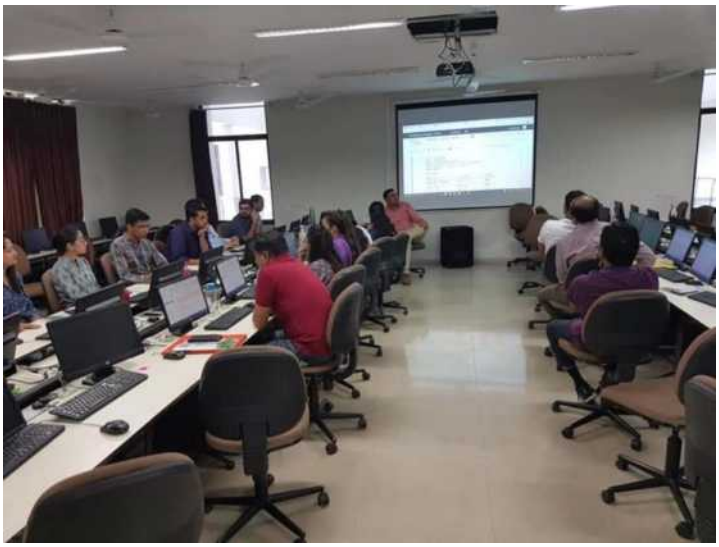


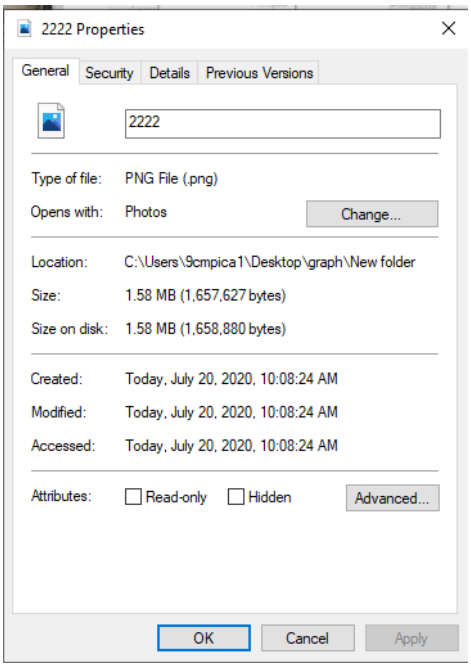

Group Photo Session






Dr. Priyank Thakkar delivering a session on "Introduction to GAN"






Dr. Sunnet Kumar Gupta delivering session on "Deep Learning Models"

**Registration Form**

**GUJCOST SPONSORED Workshop**
**On**
"Amazon Web Services"
**October 5 – 6, 2018**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science & Technology" payable at Anand as registration fees.

**Fee Details:**

Student ☐ Faculty ☐

Industry ☐

Amount: _____

Cheque/Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution

**Patron**

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

**Advisory Committee**

Dr. Atul Patel, Dean, CMPICA-FCA, CHARUSAT
Mr. Ashok Patel, Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Dr. H. J. Jani, Advisor, CHARUSAT
Dr. B. G. Patel, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

**Convener**

Dr. Atul Patel, Dean, CMPICA - FCA, CHARUSAT

**Coordinator**

Ms. Swati Patel, Assistant Professor, CMPICA CHARUSAT
Ms. Dhatri Raval, Assistant Professor, CMPICA, CHARUSAT.

**Correspondence**

Ms. Swati Patel (M.): 80001 85318
Ms. Dhatri Raval (M.): 98984 72730

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications,
Faculty of Computer Science and Applications,
Charotar University of Science and Technology
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697 – 248215 Fax: 02697 - 247100
E-mail: swatipatel.mca@charusat.ac.in /
dhatriraval.mca@charusat.ac.in
Website: www.charusat.ac.in

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**(A Constituent Institute of CHARUSAT)**

**Faculty of Computer Science and Applications**

**Organizes**

**GUJCOST SPONSORED Workshop on**

**"Amazon Web Services"**

**October 5 – 6, 2018**

**In association with:**

Gujarat Council on Science and Technology, Government of Gujarat

DST Department of Science & Technology Government of Gujarat

CHARUSAT

Accredited with Grade A by NAAC
Accredited with Grade A by KCG

**Charotar University of Science and Technology**
**Changa - 388421**
**Dist.: Anand, Gujarat**

## About the University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 350 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), Faculty of Computer Science and Applications (FCA) is a constituent institute/department of CHARUSAT. It is offering a three-year full-time Master of Computer Applications (MCA) programme, a two-year full-time MCA Lateral programme, a two-year full-time Master of Science in Information Technology (M.Sc.(IT)) programme, a three-year full-time Bachelor of Computer Applications(BCA) programme, a three-year full-time Bachelor of Science in Information Technology (B.Sc.(IT)) programme and a Doctor of Philosophy (Ph. D.) programme.

The vision of the institute is to become one of the leading institutions in the country by imparting state - of - art education to the students in the field of computer applications and by contributing in the nation's efforts of computerizing public systems for the benefit of the masses. It is committed to excel both in teaching and research. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

## About the Workshop

The modern era is of the Internet, smart phones, smart cards, sensors, GPS etc. and that has changed the interaction with the world around us. Amazon Web Services is a set of cloud services which is often used by startup, big companies and government agencies.

This seminar will provide a great platform to students, faculty members, researchers and industry people of Gujarat state to gain knowledge in the emerging field of web services and cloud.

## Content of the Workshop

- Need & Uses Cloud Computing
- Structure of Cloud Computing
- Amazon Web Services
- Utilities of Amazon Web Services
- Cloud Environment
- Understand Cloud module

## Resource Persons

Dr. Atul Patel, CMPICA, Changa, Gujarat
Mr. Sandeep Patel, CSPIT, Changa, Gujarat
Dr. Parth Shah, CSPIT, Changa, Gujarat
Mr. Jimit Rangras, Infostrech, Ahmedabad

## Registration Fees / Important Dates

| | |
|---|---|
| Student (M. Tech. & Ph.D. Pursuing) | 300/- |
| Faculty | 400/- |
| Industry & others | 500/ |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. All payment should be made by a demand draft drawn in favor of "Charotar University of Science & Technology", payable at Anand. The completed registration form accompanied by the demand draft should reach the event coordinator on or before September 28th, 2018. List of selected candidates will be displayed on CHARUSAT website on October 1st, 2018. Accommodation will be made available on a request.

## How to reach?



# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services with Cloud Computing"

## October 5 – 6, 2018

## Index


| Sr. No. | Content |
|---|---|
| 1. | Workshop Senctioned letter from GUJCOST |
| 2. | Utilization certificate |
| 3. | Statement of income |
| 4. | Statement of Expenditure |
| 5. | Copy of Voucher |
| 6. | Detailed Program Report (GUJCOST Format) |
| 7. | Attendance sheet of Participants |
| 8. | Student's feedback form |
| 9. | Expert's feedback form |
| 10. | Brochure of the workshop |
| 11. | Certificate of workshop |
| 12. | Photograph of workshop |

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"

## October 5 – 6, 2018

## Report

**Expert Faculties:-**

1. Dr. Parth Shah, Associate Professor, Head of Department IT Department -CSPIT,CHARUSAT
2. Mr. Sandip Patel, Assistant Professor, IT Dept-CSPIT,CHARUSAT
3. Mr. Jimit Rangras, Associate Software Engineer, InfoStrech

**Brief Details of Workshop:-**

A two days GUJCOST Sponsored Workshop on "Amazon Web Services" was organized on October 5-6, 2018 at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa. Total 56 enthusiastic participants (including faculties and students) had enrolled for the workshop from different colleges around the Gujarat. The workshop consists of technical sessions followed by hands on sessions on various aspects of Cloud Computing and Amazon Web Services.

The aim of the workshop was to provide a great platform to students, faculty members, researchers and industry people of Gujarat state to gain knowledge in the emerging field of Amazon Web Services and Cloud.

Experts have delivered their speech and satisfied the participants with versatile dimension of the subject., Experts were explained and demonstrated about various concepts of cloud computing and tools. First day 2 experts have conducted their sessions. In first session, participants were taught about introduction of cloud computing, service provider of cloud , future aspects of cloud computing and exaplin why AWS more advantageous to compare of others tool. During next 2 sessions participant performed practical on AWS. Second day, the session was conduct by industrial expert who discussed usage of AWS in industry. Expert demonstrate latest concept which is using in industry in current trend.

Participants were given hygienic food, study material, certificate and registration kit with notepad and pen.

Inauguration and valedictory function were also conducted in the beginning and end of the workshop respectively.

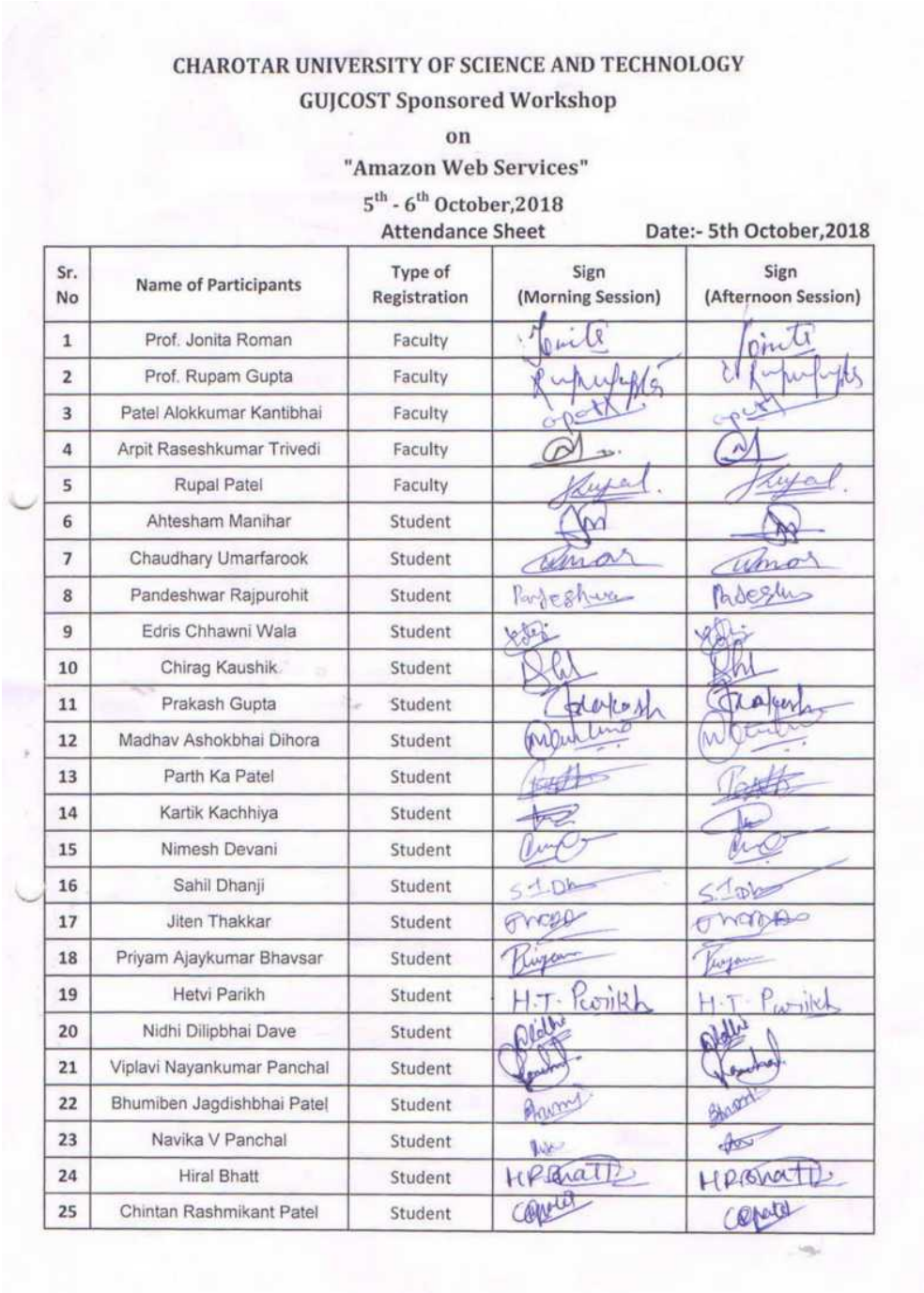
Feedback of the participants were taken and it found satisfactory against their registration fees.

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"
# 5th - 6th October,2018
# Detailed Program Schedule

| Time | Particular |
|---|---|
| **Day - 1 Friday 5th October , 2018** | |
| 09:00 a.m. to 09:30 a.m. | Registration & High Tea |
| 09 :30 a.m. to 10:30 a.m. | Introduction of Cloud Computing & Cloud Service Provider |
| 10:30 a.m. to 11:30 a.m. | Introduction of AWS By Dr. Parth Shah |
| 11:30 a.m. to 12:30 p.m. | AWS history & dashboard ,AWS Overview ,Architecture Discussion By Mr. Sandip Patel |
| 12:30 p.m. to 01:30 p.m. | Lunch Break |
| 01:30 p.m. to 03:15 p.m. | Identity Access Management By Mr. Sandip Patel |
| 03:15 p.m. to 03:30 p.m. | High Tea |
| 03:30 p.m. to 04:15 p.m. | Elastic Cloud Computing By Mr. Sandip Patel |
| **Day - 2 Saturday 6th October , 2018** | |
| 09:00 a.m. to 09:30 a.m. | High Tea |
| 09 :30 a.m. to 12:30 a.m. | Content Delivery Network & root 53 By Mr. Jimit Rangras |
| 12:30 p.m. to 01:30 p.m. | Lunch Break |
| 01:30 p.m. to 03:15 p.m. | cloud formation By Mr. Jimit Rangras |
| 03:15 p.m. to 03:30 p.m. | Valedictory Function |

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"
# 5th - 6th October, 2018

## Attendance Sheet



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

GUJCOST Sponsored Workshop

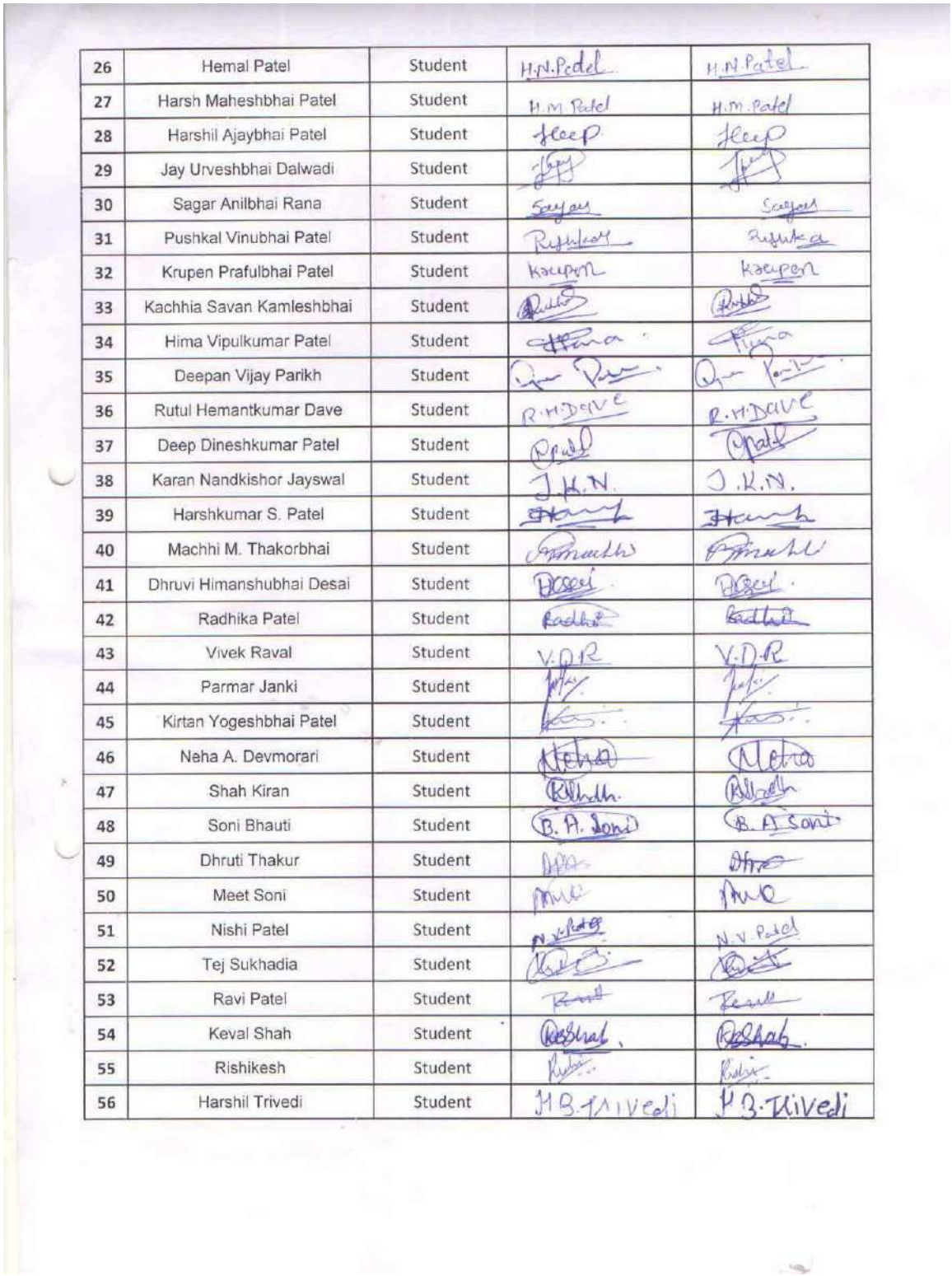
on

"Amazon Web Services"

5th - 6th October,2018

Attendance Sheet Date:- 5th October,2018

| Sr. No | Name of Participants | Type of Registration | Sign (Morning Session) | Sign (Afternoon Session) |
|---|---|---|---|---|
| 1 | Prof. Jonita Roman | Faculty | | |
| 2 | Prof. Rupam Gupta | Faculty | | |
| 3 | Patel Alokkumar Kantibhai | Faculty | | |
| 4 | Arpit Raseshkumar Trivedi | Faculty | | |
| 5 | Rupal Patel | Faculty | | |
| 6 | Ahtesham Manihar | Student | | |
| 7 | Chaudhary Umarfarook | Student | | |
| 8 | Pandeshwar Rajpurohit | Student | | |
| 9 | Edris Chhawni Wala | Student | | |
| 10 | Chirag Kaushik | Student | | |
| 11 | Prakash Gupta | Student | | |
| 12 | Madhav Ashokbhai Dihora | Student | | |
| 13 | Parth Ka Patel | Student | | |
| 14 | Kartik Kachhiya | Student | | |
| 15 | Nimesh Devani | Student | | |
| 16 | Sahil Dhanji | Student | | |
| 17 | Jiten Thakkar | Student | | |
| 18 | Priyam Ajaykumar Bhavsar | Student | | |
| 19 | Hetvi Parikh | Student | H.T. Parikh | H.T. Parikh |
| 20 | Nidhi Dilipbhai Dave | Student | | |
| 21 | Viplavi Nayankumar Panchal | Student | | |
| 22 | Bhumiben Jagdishbhai Patel | Student | | |
| 23 | Navika V Panchal | Student | | |
| 24 | Hiral Bhatt | Student | | |
| 25 | Chintan Rashmikant Patel | Student | | |



| 26 | Hemal Patel | Student | H.N.Patel | H.N.Patel |
|---|---|---|---|---|
| 27 | Harsh Maheshbhai Patel | Student | H.M.Patel | H.M.Patel |
| 28 | Harshil Ajaybhai Patel | Student | Harsh | Harsh |
| 29 | Jay Urveshbhai Dalwadi | Student | | |
| 30 | Sagar Anilbhai Rana | Student | Sagar | Sagar |
| 31 | Pushkal Vinubhai Patel | Student | Pushkal | Pushkal |
| 32 | Krupen Prafulbhai Patel | Student | Krupen | Krupen |
| 33 | Kachhia Savan Kamleshbhai | Student | | |
| 34 | Hima Vipulkumar Patel | Student | Hima | Hima |
| 35 | Deepan Vijay Parikh | Student | | |
| 36 | Rutul Hemantkumar Dave | Student | R.M.Dave | R.M.Dave |
| 37 | Deep Dineshkumar Patel | Student | | |
| 38 | Karan Nandkishor Jayswal | Student | J.K.N. | J.K.N. |
| 39 | Harshkumar S. Patel | Student | | |
| 40 | Machhi M. Thakorbhai | Student | | |
| 41 | Dhruvi Himanshubhai Desai | Student | | |
| 42 | Radhika Patel | Student | | |
| 43 | Vivek Raval | Student | V.D.R | V.D.R |
| 44 | Parmar Janki | Student | | |
| 45 | Kirtan Yogeshbhai Patel | Student | | |
| 46 | Neha A. Devmorari | Student | | |
| 47 | Shah Kiran | Student | | |
| 48 | Soni Bhauti | Student | B. A. Soni | B. A. Soni |
| 49 | Dhruti Thakur | Student | | |
| 50 | Meet Soni | Student | | |
| 51 | Nishi Patel | Student | | N.V.Patel |
| 52 | Tej Sukhadia | Student | | |
| 53 | Ravi Patel | Student | | |
| 54 | Keval Shah | Student | | |
| 55 | Rishikesh | Student | | |
| 56 | Harshil Trivedi | Student | H.B.Trivedi | H.B.Trivedi |

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**GUJCOST Sponsored Workshop**

**on**

**"Amazon Web Services"**

**5th - 6th October,2018**

**Attendance Sheet** **Date:- 6th October,2018**

| Sr. No | Name of Participants | Type of Registration | Sign (Morning Session) | Sign (Afternoon Session) |
|---|---|---|---|---|
| 1 | Prof. Jonita Roman | Faculty | | |
| 2 | Prof. Rupam Gupta | Faculty | | |
| 3 | Patel Alokkumar Kantibhai | Faculty | | |
| 4 | Arpit Raseshkumar Trivedi | Faculty | | |
| 5 | Rupal Patel | Faculty | | |
| 6 | Ahtesham Manihar | Student | | |
| 7 | Chaudhary Umarfarook | Student | | |
| 8 | Pandeshwar Rajpurohit | Student | | |
| 9 | Edris Chhawni Wala | Student | | |
| 10 | Chirag Kaushik | Student | | |
| 11 | Prakash Gupta | Student | | |
| 12 | Madhav Ashokbhai Dihora | Student | | |
| 13 | Parth Ka Patel | Student | | |
| 14 | Kartik Kachhiya | Student | | |
| 15 | Nimesh Devani | Student | | |
| 16 | Sahil Dhanji | Student | | |
| 17 | Jiten Thakkar | Student | | |
| 18 | Priyam Ajaykumar Bhavsar | Student | | |
| 19 | Hetvi Parikh | Student | H.T. Parikh | H.T. Parikh |
| 20 | Nidhi Dilipbhai Dave | Student | | |
| 21 | Viplavi Nayankumar Panchal | Student | | |
| 22 | Bhumiben Jagdishbhai Patel | Student | | |
| 23 | Navika V Panchal | Student | Navika | |
| 24 | Hiral Bhatt | Student | HR Bhatt | HR Bhatt |

| | | | | |
|---|---|---|---|---|
| 25 | Chintan Rashmikant Patel | Student | | |
| 26 | Hemal Patel | Student | HNPatel | |
| 27 | Harsh Maheshbhai Patel | Student | H.M. Patel | H.M. Patel |
| 28 | Harshil Ajaybhai Patel | Student | | |
| 29 | Jay Urveshbhai Dalwadi | Student | | |
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| 45 | Kirtan Yogeshbhai Patel | Student | | |
| 46 | Neha A. Devmorari | Student | | |
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| 48 | Soni Bhauti | Student | B.A.Soni | B.A.Soni |
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| 54 | Keval Shah | Student | | |
| 55 | Rishikesh | Student | | |
| 56 | Harshil Trivedi | Student | H.B.Trivedi | H.B.Trivedi |

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"
# 5th - 6th October,2018

## Feedback from Experts

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**Expert Lecture Feedback Form** (To be filled by Expert)

| | |
|---|---|
| Name of Expert | Jimit Rangras |
| Industry/Institute | Infostretch. |
| Contact No | 9601413675 |
| Email ID | rangras.jimit@gmail.com |
| Date of Lecture | 06/10/18 |
| Subject | Amazon Web Services |

| Scale: 1-Excellent; 2-Good; 3-Average; 4-Poor | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| 1. The Expert Talk/Lecture Prearrangements (Invitation/Transport etc) | ☑ | ☐ | ☐ | ☐ |
| 2. The Expert Talk/Lecture related Arrangements (Facilities required for Lectures) | ☑ | ☐ | ☐ | ☐ |
| 3. Behavior of the Students during the Session/s | ☑ | ☐ | ☐ | ☐ |

Strength/s:
Good atmosphere, audience

Suggestions for Improvement:
No Suggestions.

Sign of the Expert:

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**Expert Lecture Feedback Form** (To be filled by Expert)

| | |
|---|---|
| Name of Expert | Parth D Shah |
| Industry/Institute | CSPIT, CHARUSAT |
| Contact No | 9925020358 |
| Email ID | parthshah.ce@charusat.ac.in |
| Date of Lecture | 05/10/18 |
| Subject | AWS Overview |

| Scale: 1-Excellent; 2-Good; 3-Average; 4-Poor | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| 1. The Expert Talk/Lecture Prearrangements (Invitation/Transport etc) | ☑ | ☐ | ☐ | ☐ |
| 2. The Expert Talk/Lecture related Arrangements (Facilities required for Lectures) | ☑ | ☐ | ☐ | ☐ |
| 3. Behavior of the Students during the Session/s | ☑ | ☐ | ☐ | ☐ |

Strength/s:

Student are highly motivated and enthusiastics.

Suggestions for Improvement:

NO

Sign of the Expert:

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**Expert Lecture Feedback Form** (To be filled by Expert)

| | |
|---|---|
| Name of Expert | Sandip Patel |
| Industry/Institute | CSPIT, CHARUSAT |
| Contact No | 9099377425 |
| Email ID | sandippatel.it@charusat.ac.in |
| Date of Lecture | 05/10/18 |
| Subject | AWS - EC2 - S3 - Hands-on |

| Scale: 1-Excellent; 2-Good; 3-Average; 4-Poor | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| 1. The Expert Talk/Lecture Prearrangements (Invitation/Transport etc) | ☑ | ☐ | ☐ | ☐ |
| 2. The Expert Talk/Lecture related Arrangements (Facilities required for Lectures) | ☑ | ☐ | ☐ | ☐ |
| 3. Behavior of the Students during the Session/s | ☑ | ☐ | ☐ | ☐ |

Strength/s:

- Students are ~~very~~ highly intrested and faculty & other staff are very supportive

Suggestions for Improvement:

No

Sign of the Expert: S.P.Patel

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"
# 5th - 6th October,2018

## Feedback from Participants

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**GUJCOST SPONSORED WORKSHOP**
**ON**
***"Amazon Web Services"***
**October 5 – 6, 2018**

**Participant's Feedback Form**

Thank you for attending workshop. We hope that you found the content interesting and we met your expectations. We would be very grateful if you would take a moment to complete the workshop evaluation form. Your comments will assist us in improving future events, we will organize.

| Workshop Content and Organization | Excellent | Very Good | Good | Average |
|---|---|---|---|---|
| 1. The theme of the workshop and its aim | ✓ | | | |
| 2. The workshop facilities | | ✓ | | |
| 3. The catering arrangements and food | | ✓ | | |
| 4. The workshop content and its presentation | ✓ | | | |
| 5. The workshop timing and place | ✓ | | | |
| 6. The Expert's talk/hands-on session | ✓ | | | |
| 1. Dr. Parth Shah | ✓ | | | |
| 2. Mr. Sandip Patel | ✓ | | | |
| 3. Mr. Jimit Rangras | ✓ | | | |
| | | | | |

Suggestions:- Would like to attend such type of workshop in future.

Name:- Jenita Roman

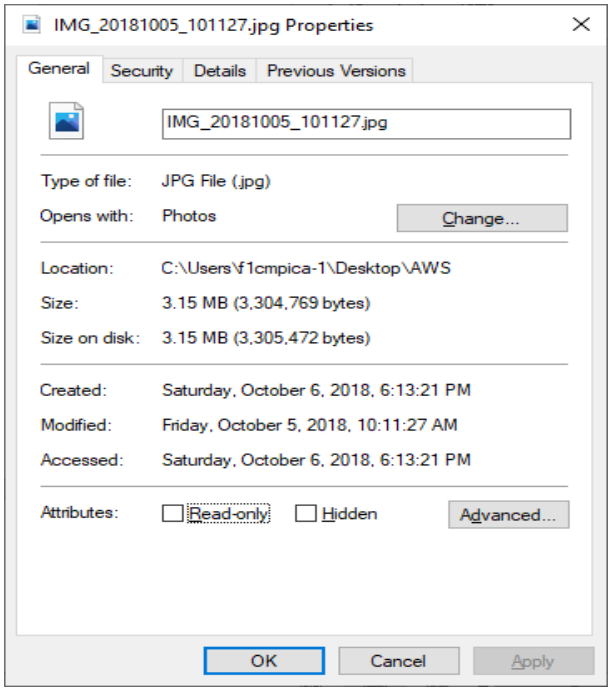
Signature:- Jenita

Faculty of Computer Science and Applications - CHARUSAT

# GUJCOST SPONSORED WORKSHOP
# ON
# "Amazon Web Services"
# 5th - 6th October,2018

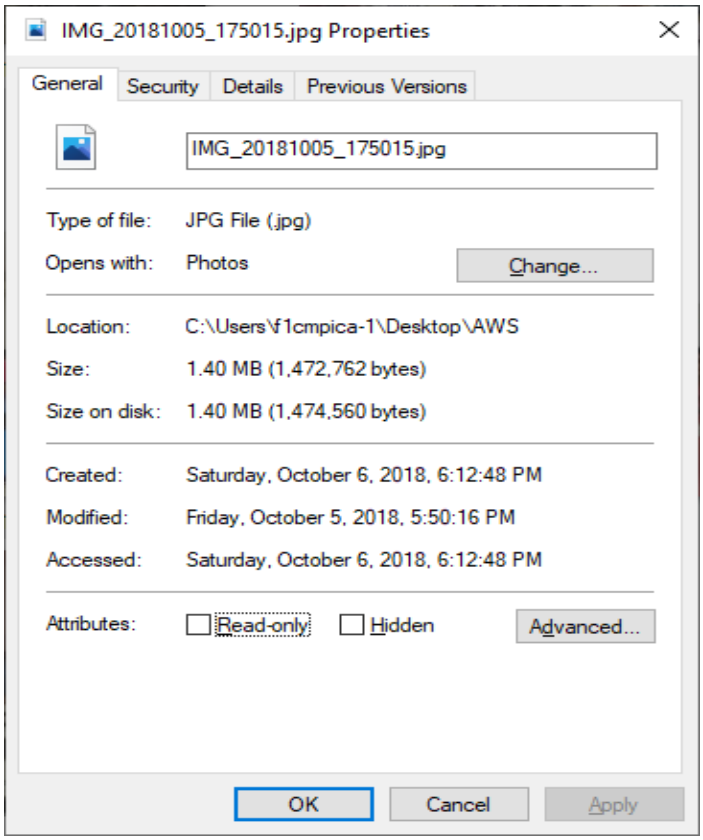
## Photographs of the Event





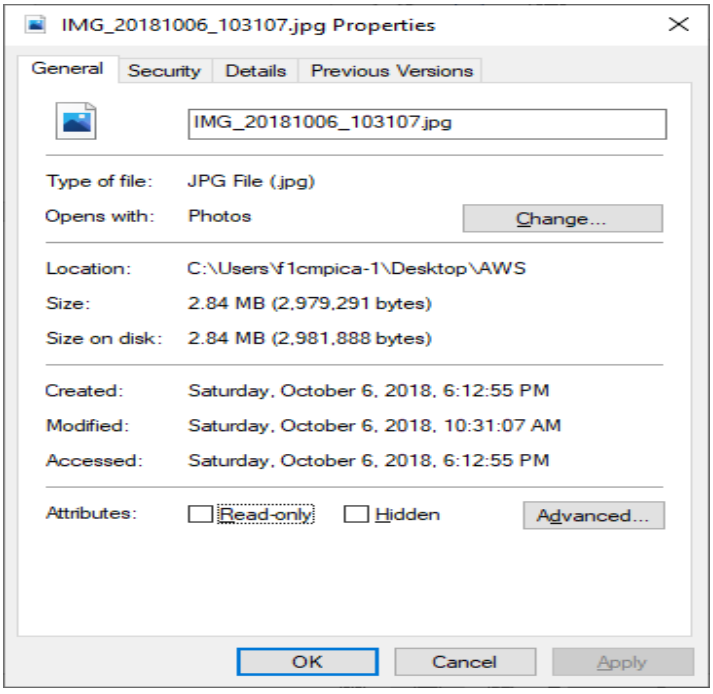

Dr. Parth Shah delivering lecture on "Amazon Web Services" Overview




Mr. Sandip Patel devlieverd lecture on Amazon Web Services.



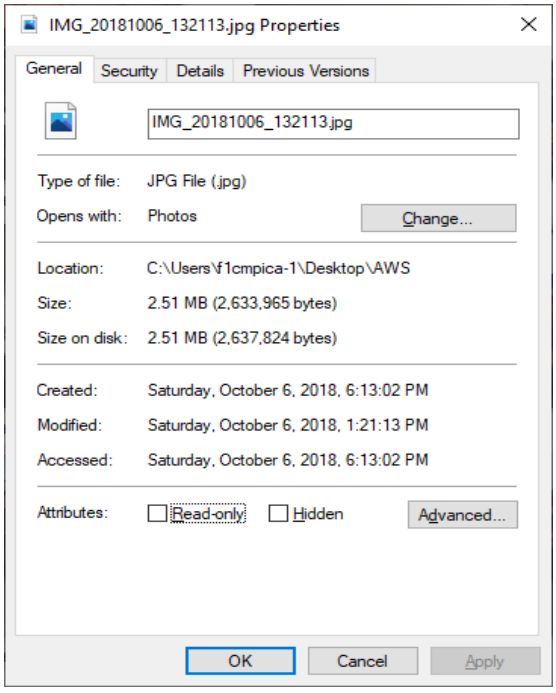




Mr. Jimit Rangras delivered lecture on Content Delivery Network & Root 53

And hads-on on implementation of same.

Certificate Distribution



**GUJCOST SPONSORED WORKSHOP**
**ON**
**"Amazon Web Services"**
**5th - 6th October,2018**

**Certificate**



## Registration Form

**GUJCOST SPONSORED Workshop**
**On**
***"Internet of Things: A Hands-on Approach"***
**March 8-9, 2019**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science and Technology" payable at Anand as registration fees.

**Fee Details:**

Students ☐ Faculties ☐

Industry ☐

Amount: _____

Cheque/Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date:

Signature of Participant Seal and Signature
Head of Institution

### Patron

Shri Surendra Patel, President, CHARUSAT

Dr. M. C. Patel, Secretary, CHAMOSPKM
Dr. Pankaj Joshi, Provost, CHARUSAT

### Advisory Committee

Dr. Atul Patel, Dean & Principal, CMPICA - FCA, CHARUSAT
Mr. Ashok Patel, Advisor, CHARUSAT
Dr. H J Jani, Advisor, CHARUSAT
Dr. B G Patel, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

### Convener

Dr. Atul Patel, Dean & Principal, CMPICA - FCA, CHARUSAT

### Coordinator

Dr. Sanskruti Patel, Assistant Professor, CMPICA - FCA, CHARUSAT
Ms. Rachana Patel, Assistant Professor, CMPICA - FCA, CHARUSAT

### Correspondence

Dr. Sanskruti Patel (M): 94273 84247
Ms. Rachana Patel (M): 85307 14949

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications,
Faculty of Computer Science and Applications,
Charotar University of Science and Technology
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Ph. No. 02697 – 265241/42 Fax: 02697 - 247100
E-mail: sanskrutipatel.mca@charusat.ac.in
rachanapatel.mca@charusat.ac.in
Website: www.charusat.ac.in

# Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

**(A Constituent Institute of CHARUSAT)**

**Faculty of Computer Science and Applications**

**Organizes**

## GUJCOST SPONSORED Workshop on "Internet of Things: A Hands-on Approach"

**March 8-9, 2019**

**In association with:**

Department of Science & Technology
Government of Gujarat

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Charotar University of Science and Technology
## Changa - 388421
## Dist.: Anand, Gujarat

## About the University

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. It is Accredited with Grade A by NAAC and Grade A by KCG. The university campus is sprawling over 105 acres of lush green landscape with ultra modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc.

CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 350 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## About the Institute

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), Faculty of Computer Science and Applications (FCA) is a constituent institute/department of CHARUSAT. It is offering a three-year full-time Master of Computer Applications (MCA) programme, a two-year full-time MCA Lateral programme, a two-year full-time Master of Science in Information Technology (M.Sc.(IT)) programme, a three-year full-time Bachelor of Computer Applications (BCA) programme, a three-year full-time Bachelor of Science in Information Technology (B.Sc.(IT)) programme and a Doctor of Philosophy (Ph. D.) programme.

The vision of the institute is to become one of the leading institutions in the country by imparting state - of - art education to the students in the field of computer applications and by contributing in the nation's efforts of computerizing public systems for the benefit of the masses. It is committed to excel both in teaching and research. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

## About the Workshop

The Internet of Things (IoT) has spread into most of the businesses in the modern world. It has become an integral and inevitable part of our daily lives. This technology is embodied in a wide spectrum of networked products, systems, and sensors, which take advantage of advancements in computing power, electronics miniaturization, and network interconnections to offer new capabilities not previously possible. Applying analytics on gathered data, valuable information is extracted and processed. The goal of this workshop is to enhance the skill of the participants in the future technology of IoT with software & hardware realization on special Embedded SoC Board. i.e. Arduino, Raspberry Pi etc. Arduino is an open-source electronic prototyping platform, which make users enable to create interactive electronic objects, and it is widely used for implementing IoT applications. The workshop aims to provide hands on experience to the participants to Internet of Things for different applications using the Arduino kit with devices such as sensors and actuators. Also, enables the participants to connect the Arduino device to cloud.

## Resource Persons

Experts from Academic and Industry.

## Registration Fees / Important Dates

| | |
|---|---|
| **Students (B.Tech./BE/MCA/M.Tech./ME Ph.D. Pursuing)** | **100/-** |
| **Faculties** | **300/-** |
| **Industry & others** | **500/-** |

The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program. The registration fees for the participation include lecture notes, refreshment and lunch. All payment should be made by a demand draft drawn in favor of "Charotar University of Science and Technology", payable at Anand. The completed registration form accompanied by the demand draft should reach the event coordinator on or before February 20th, 2019. List of selected candidates will be displayed on CHARUSAT website on February 21th, 2019. Accommodation will be made available on a request.

## How to reach?



# Report of

## GUJCOST SPONSORED WORKSHOP On

## "Internet of Things: A Hands-on Approach"

***Organized by***

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa

## March 8 – 9, 2019

**Convener:-**
Dr. Atul Patel, Dean & Professor, CMPICA, CHARUSAT, Changa

**Coordinator:-**
Dr. Sanskruti Patel, Assistant Professor, CMPICA, CHARUSAT, Changa
Ms. Rachana Patel, Assistant Professor, CMPICA, CHARUSAT, Changa

**Expert Faculties:-**
Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa
Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad

**Brief Details of Workshop:-**

A two days GUJCOST Sponsored Workshop on "Internet of Things: A Hands-on Approach" was organized on March 8-9, 2019 at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa. Total 46 enthusiastic participants (including faculties and students) had enrolled for the workshop from different colleges around the Gujarat. Workshop consists of technical sessions followed by hands on sessions on various aspects of Recent Trends and Technologies in the area of Internet of Things (IoT).

The aim of this workshop is to explore the state-of-art technologies in the area of Internet of Things (IoT) through a series of lectures delivered by eminent persons working in this field and to provide equivalent sessions for hands-on experiences in setting up IoT platform with open source software.

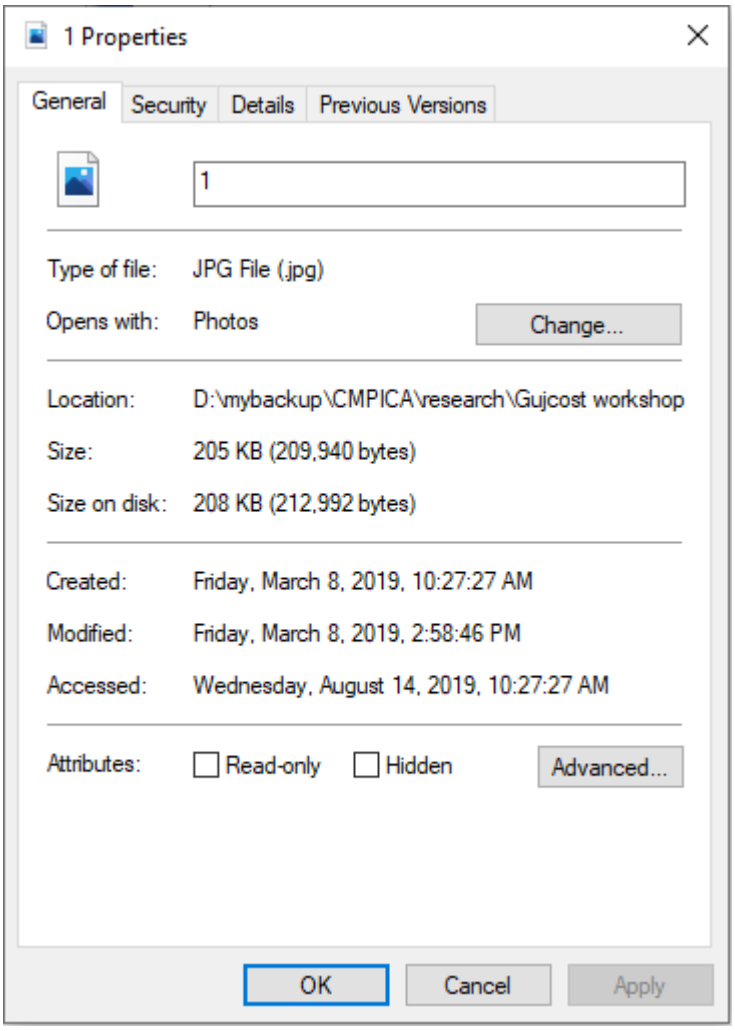
The Inaugural session of the workshop was started at 9:30 AM on March 08, 2019 at CMPICA building. During this session, participants were made aware about the aim and objectives of the workshop. Also, the detailed schedule of the workshop is made available to them.

The first Session was conducted by Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa on March 08, 2019. He covered various aspects of Introduction to the Internet of Things, IoT architecture and devices, Applications of IoT and its usage, Available technologies for support and some implementation details. He further covered the implementation of Arduino IDE, how to do GPIO programming with LED & Buzzer.
.

In Second Session, he had conducted a Hands-on session on how to experiment with NodeMCU/ESP32, introduction and implementation of Serial communication and how to work with digital sensors interfacing & programming. This session was further enhanced with real time application development of boards.

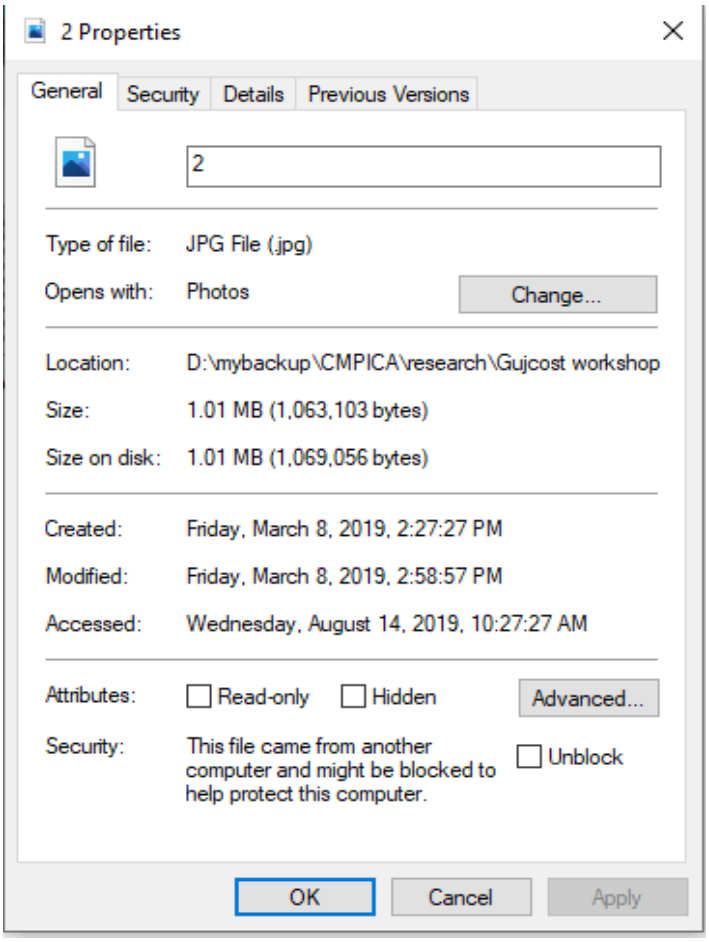


Mr. Jignesh Patoliya delivered the lecture on Architecture of IOT





Hands-on training provided to the participants during the workshop



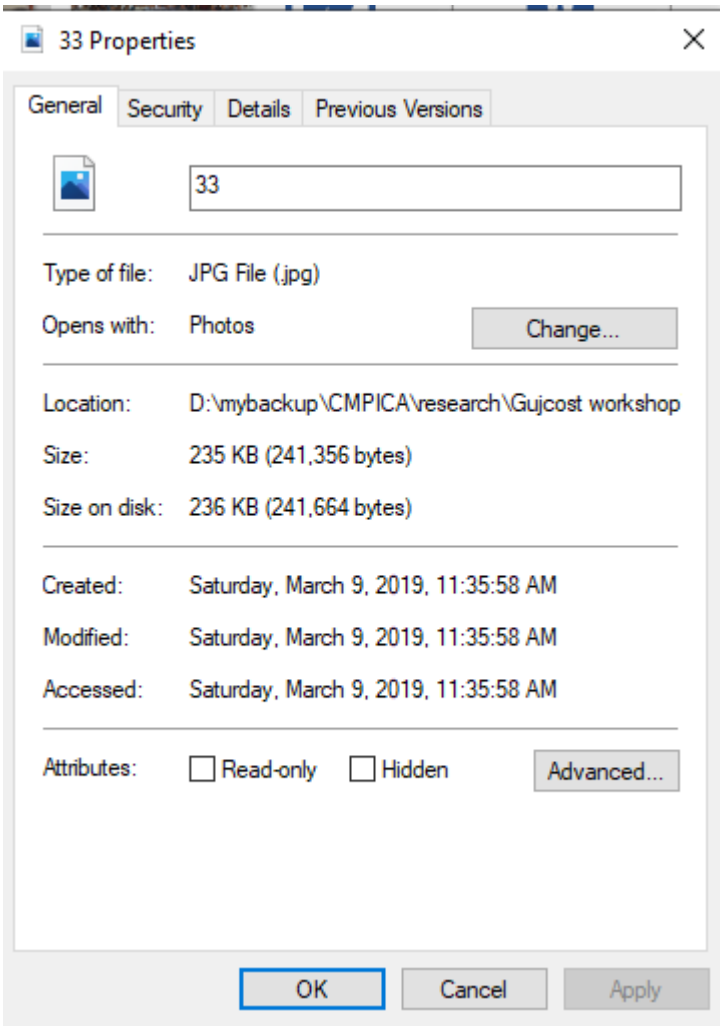

On second day, i.e. March 09, 2019, the first session was conducted by Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad on IoT Protocol. He explained MQTT protocol with ESP8266 board. He further explained the use of Arduino to upload free data

from Environmental Sensors to Cloud as it required in real time application development and usage. Moreover, he explained about sending Voltage & Analog Data on existing cloud with ThingSpeak & Ubidots with its implementation.

In second session, he delivered a talk on development of online server to control electronic devices from anywhere across the world using Internet & Mobile Application. Further, he demonstrated the real time data logging using google spreadsheet. He also covered how to use IoT in Raspberry Pi and explained the details of visual programming and NodeRed with hands-on session. This session covered email sending & twitter data handling.



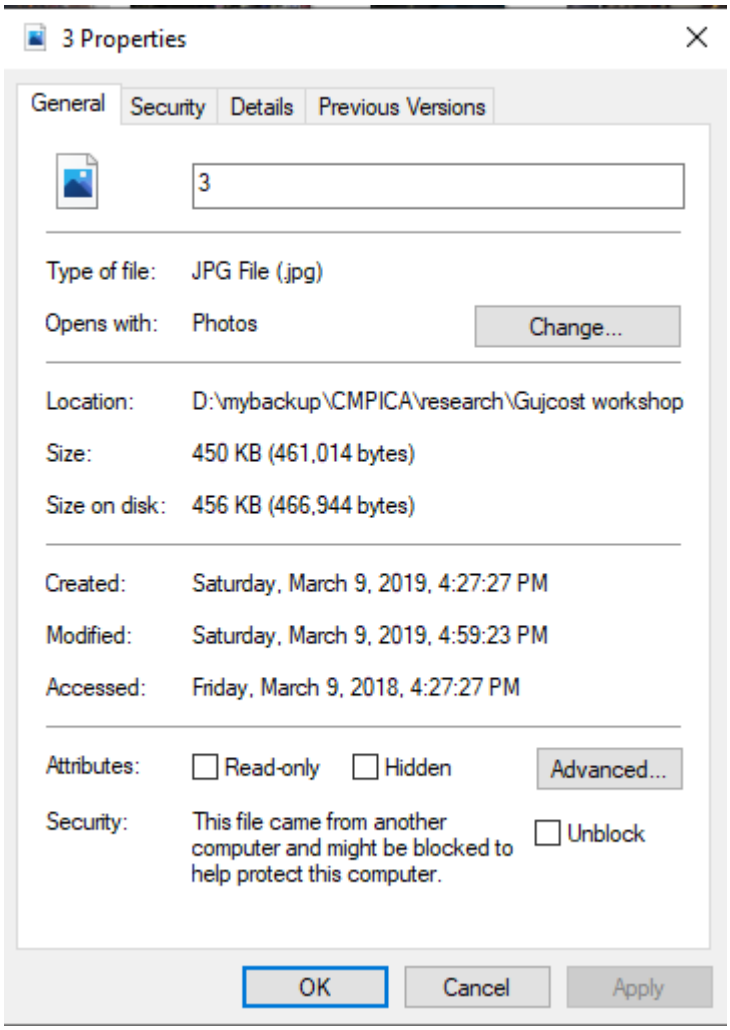
A session on IoT Protocol has been delivered by Mr. Ashutosh Bhatt




Workshop ends with the certificate distribution to the participants. At the end of workshop, participants shared their view along with their feedback, and based on that, we can conclude that they really enjoyed all technical sessions.



Certificate distribution and group photo with expert, coordinators and participants



## Feedback Analysis

**What did you most appreciate about the program? Any suggestion for improvement?**

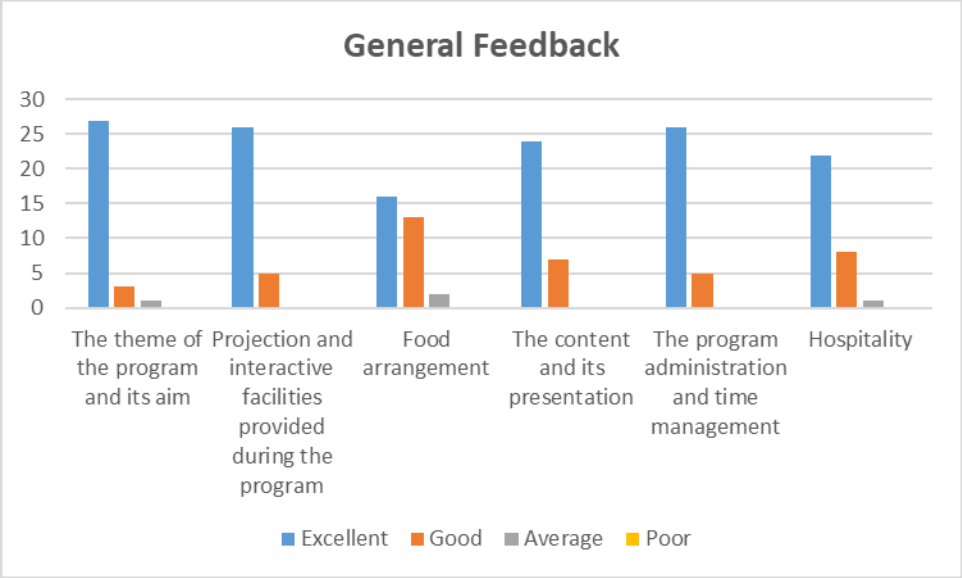
- Teaching technique was absolute perfect
- Way of teaching
- Extend it to 3 days
- Teaching technique
- Hands on practice
- All the information given was very helpful
- Way of Teaching PTP ( practical theory Practical)

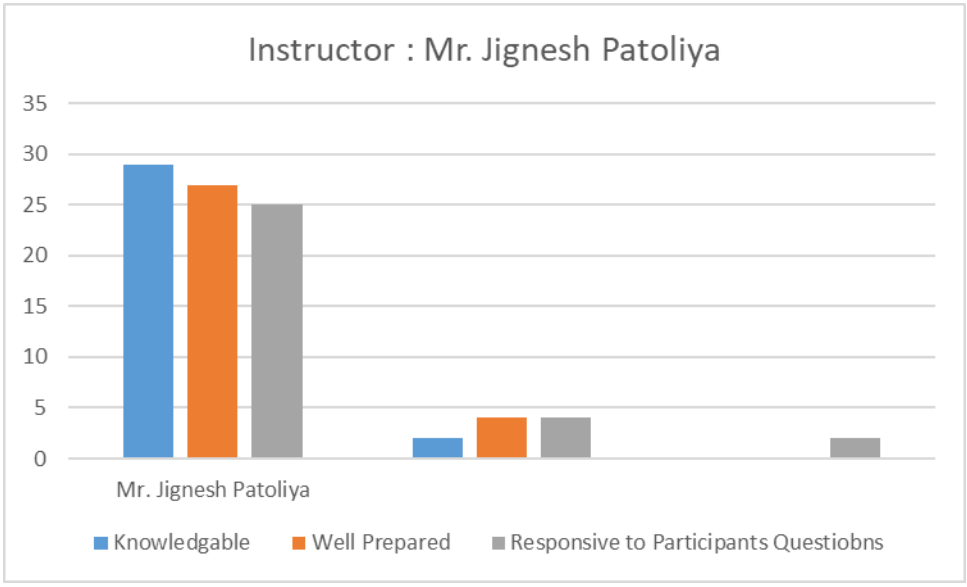
**What is/are take away(s) from the program?**

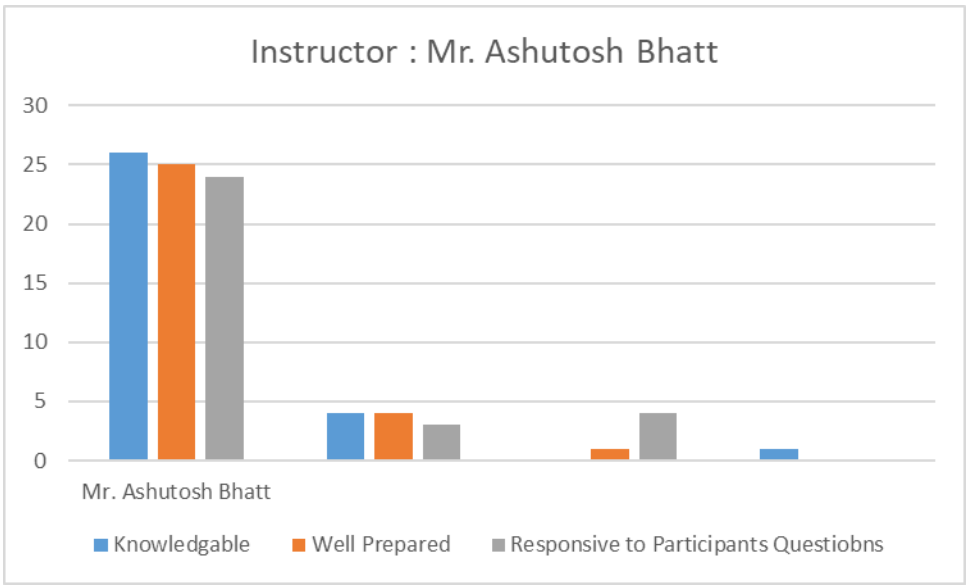
- Knowledge
- Feeling of IOT
- Excellent iot knowledge
- What exactly an IoT is?
  How to built an IoT based application? And many more things.

**Suggestions for further improvement.**

- Do announcement about such workshop more, in South Gujarat region specially.




Instructor : Mr. Jignesh Patoliya
35
30
25
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15
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5
0
Mr. Jignesh Patoliya
Knowledgable
Well Prepared
Responsive to Participants Questiobns


Instructor : Mr. Ashutosh Bhatt
30
25
20
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0
Mr. Ashutosh Bhatt
Knowledgable
Well Prepared
Responsive to Participants Questiobns

## List of Participants

| Sr. No. | Name of the Participant | Participant Type | Institute / Organization Name |
|---|---|---|---|
| 1. | DHIRENDRA NARANBHAI TANDEL | ASST. PROF. | SMT. TANUBEN & DR. MANUBHAI TRIVEDI COLLEGE OF INFORMATION SCIENCE, SURAT |
| 2. | RACHANA GIRISHBHAI JOSHI | ASST. PROF. | SHRI D N INSTITUTE OF COMPUTER APPLICATIONS |
| 3. | SWETA V. PARMAR | ASST. PROF. (PH.D. PURSUING) | SHRI D.N.INSTITUTE OF COMPUTER APPLICATIONS |
| 4. | TAMANNA N. KACHWALA | ASST. PROF. (PH.D. PURSUING) | SHRI D.N.INSTITUTE OF COMPUTER APPLCATIONS |
| 5. | AMISH PATEL | ASST. PROF. (PH.D. PURSUING) | SRIMCA, UTU |
| 6. | PRATIK NAYAK | ASST. PROF. | SRIMCA, UTU |
| 7. | MADHAVI DAVE | ASST. PROF. (PH.D. PURSUING) | INDUS University |
| 8. | TEJAS THAKKAR | ASST. PROF. | NVPASS |
| 9. | HIRENKUMAR H. PATEL | SR. SOFTWARE DEVELOPER (PH.D. PURSUING) | NATIVE SOFTWARE |
| 10. | PRAGNESH PATEL | ASST. PROF. | KITE |
| 11. | TANMAY KSHIRSAGAR | UG-STUDENT | CSPIT |
| 12. | MEHTA RUTIKA | UG-STUDENT | DEPSTAR |
| 13. | NIDHI PATEL | UG-STUDENT | DEPSTAR |
| 14. | DEEP PANCHAL | UG-STUDENT | DEPSTAR |
| 15. | DHRUV PATEL | UG-STUDENT | DEPSTAR |
| 16. | KHUSHBOO SINGH | UG-STUDENT | DEPSTAR |
| 17. | RAHUL MACWAN | STUDENT | KITE |
| 18. | AVINASH MISHRA | STUDENT | KITE |
| 19. | JAGRUTI VARMA | STUDENT | KITE |
| 20. | NYZIL MACEWEEN | STUDENT | KITE |
| 21. | DAXESHKUMAR BHOI | STUDENT | KITE |
| 22. | SHYAM PATEL | STUDENT | KITE |
| 23. | KRUTI SHAH | STUDENT | KITE |
| 24. | PRASHANT V VANGULE | STUDENT | INDUS UNIVERSITY |
| 25. | DIVYA SHAH | PG-STUDENT | CMPICA, CHARUSAT |
| 26. | HARSH PATEL | PG-STUDENT | CMPICA, CHARUSAT |
| 27. | RONESH GANGAVANI | PG-STUDENT | CMPICA, CHARUSAT |
| 28. | RUTUL DAVE | PG-STUDENT | CMPICA, CHARUSAT |
| 29. | HARSHIL TRIVEDI | PG-STUDENT | CMPICA, CHARUSAT |
| 30. | DIGANT MAMTORA | PG-STUDENT | CMPICA, CHARUSAT |
| 31. | ABDULPARAWALA | PG-STUDENT | CMPICA, CHARUSAT |
| 32. | DHRUVI DESAI | PG-STUDENT | CMPICA, CHARUSAT |
| 33. | JAY DALWADI | PG-STUDENT | CMPICA, CHARUSAT |
| 34. | CHINTAN PARIKH | PG-STUDENT | CMPICA, CHARUSAT |
| 35. | NEEL SHAH | PG-STUDENT | CMPICA, CHARUSAT |
| 36. | RUMIT SHAH | PG-STUDENT | CMPICA, CHARUSAT |
| 37. | YASH THAKKAR | PG-STUDENT | CMPICA, CHARUSAT |
| 38. | ABHISHEK BUDDHBHATTI | PG-STUDENT | CMPICA, CHARUSAT |
| 39. | YASH DHRANGDHARIYA | PG-STUDENT | CMPICA, CHARUSAT |
| 40. | SANDIP DANKHRA | PG-STUDENT | CMPICA, CHARUSAT |
| 41. | SIDDHARTH MEHTA | PG-STUDENT | CMPICA, CHARUSAT |

| | | | |
|---|---|---|---|
| 42. | VIVEK PATEL | PG-STUDENT | CMPICA, CHARUSAT |
| 43. | NAKUL PATEL | PG-STUDENT | CMPICA, CHARUSAT |
| 44. | PARTH SHAH | PG-STUDENT | CMPICA, CHARUSAT |
| 45. | NIDHI PATEL | PG-STUDENT | CMPICA, CHARUSAT |
| 46. | ARPIT MENGAR | LAB TECHNICIAN | CMPICA, CHARUSAT |

## GUJCOST SPONSORED Two Days Workshop on

**"Internet of Things: A Hands-on Approach"**

**March 8 – 9, 2019**

## Detailed Program Schedule

| | |
|---|---|
| **DAY - 1** | |
| 09:00 am to 09:30 am | Registration & High Tea |
| 09:30 am to 10:30 am | Introduction to the Internet of Things, IoT architecture and devices<br>Expert : Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa |
| 10:30 am to 12:30 pm | Getting started with Arduino IDE, GPIO programming: LED & Buzzer<br>Expert: Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa |
| **12:30 pm to 01:30 pm** | **Lunch Break** |
| 01:30 pm to 02:45 pm | Experimenting with NodeMCU/ESP32, Serial communication, Digital sensors interfacing & programming<br>Expert: Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa |
| **02:45 pm to 03:00 pm** | **Tea Break** |
| 3:00 pm to 4:15 pm | Configure NodeMCU/ESP32 as access point & station mode. Development of offline server using HTTP protocol. Android application development using MIT AppInventor<br>Expert: Mr. Jignesh Patoliya, Asst. Professor, CSPIT, CHARUSAT, Changa |
| **DAY - 2** | |
| 09:00 am to 09:30 am | Registration & High Tea |
| 09:30 am to 10:30 am | IoT Protocol: MQTT protocol with ESP8266, Use Arduino to Upload free data from Environmental Sensors to Cloud<br>Expert: Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad |
| 10:30 am to 12:30 pm | Send Voltage & Analog Data on existing cloud: ThingSpeak & Ubidots<br>Expert: Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad |
| **12:30 pm to 1:30 pm** | **Lunch Break** |
| 1:30 pm to 2:45pm | .Development of online server. Control Electronic Devices from anywhere across the world using Internet & Mobile Application. Real time data logging using google spreadsheet<br>Expert: Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad |
| **2:45 pm to 3:00 pm** | **Tea Break** |
| 03:00 pm to 04:15 pm | IoT using Raspberry Pi: Visual programming NodeRed. Email sending & Twitter<br>Expert: Mr. Ashutosh Bhatt, Embedded Engineer, E-infochips, Ahmedabad |
| **4:15 pm to 4:30 pm** | **Valedictory** |

# GUJCOST sponsored Workshop on "Mobile Game Development"

## 8th – 9th March, 2019

**Registration Form**

**GUJCOST SPONSORED Workshop**
**On**
**"Mobile Game Development"**
**March 8 – 9, 2019**

Name: _____

Designation: _____

Institute/Organization: _____

_____

Address: _____

_____

_____

City: _____

Mobile: _____

E – Mail: _____

I am enclosing the demand draft/cheque in favor of "Charotar University of Science & Technology" payable at Anand as registration fees.

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Students ☐ Faculties ☐

Industry ☐

Amount: _____

Cheque/Demand Draft No: _____

Bank and Branch: _____ Date: _____

Date:

Signature of Participant

Seal and Signature
Head of Institution

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Dr. Pankaj Joshi, Provost, CHARUSAT

**Advisory Committee**

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Mr. Ashok Patel, Advisor, CHARUSAT
Dr. S. P. Kosta, Advisor, CHARUSAT
Mr. Devang Joshi, Registrar, CHARUSAT

**Convener**

Dr. Atul Patel, Dean, CMPICA - FCA, CHARUSAT

**Coordinator**

Ms. Nilam Desai, Assistant Professor, CMPICA CHARUSAT
Dr. Dharmendra Patel, Associate Professor, CMPICA, CHARUSAT.
Ms. Rupal Patel, Assistant Professor, CMPICA, CHARUSAT

**Correspondence**

Ms. Nilam Desai (M) : 9428260668
Dr. Dharmendra Patel (M) : 9429032148
Ms. Rupal Patel (M) : 9737477711

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications,
Faculty of Computer Science and Applications,
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rupalpatel.mca@charusat.ac.in
Website: www.charusat.ac.in

**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**
**(A Constituent Institute of CHARUSAT)**
**Faculty of Computer Science and Applications**
**Organizes**
**GUJCOST SPONSORED Workshop ON**
***"Mobile Game Development"***
**March 8 – 9, 2019**

**In association with:**

Department of Science & Technology
Government of Gujarat

CHARUSAT

Accredited with Grade A by NAAC
Accredited with Grade A by KCG

**Charotar University of Science and Technology**
**Changa - 388421**
**Dist.: Anand, Gujarat**

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The vision of the institute is to beco... leading institutions in the country by i... of - art education to the students ... computer applications and by contributing in the nation's efforts of computerizing public systems for the benefit of the masses. It is committed to excel both in teaching and research. Department is reacting rapidly to the changing technological landscape by adapting quickly. The department is also committed to adapt industry practices.

**About the Workshop**

Gaming is fascinating technology. It gives enjoyments as well as, it is also useful in developing good logic and quick decision. Now a days, So many games are developed with focus to help in education.
The workshop will focus on designing and developing of interactive games. It aims to provide a great platform for participants understanding Unity Game Engine. This workshop brings the students and professionals to share their knowledge for achieving focused development and advancement in the field of Gaming.

**Content of the Workshop**

- Fundamentals of Gaming
- Tools and techniques of Game Development
- Mobile Game Development with Unity
- Scripting in Unity
- Understanding Game Physics
- User Interface & GUI
- Advance features of Game Design

**Resource Persons**

Prominent expert from various Institutes and IT Industry

**Registration Fees / Important Dates**

| | |
|---|---|
| Students | 200/- |
| Faculties & Research Scholars | 300/- |
| Industry & others | 400/ |

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**How to reach?**



66.1%

# Program Report

**Convener: -**

Dr. Atul Patel, Dean & Professor, CMPICA, CHARUSAT, Changa

**Coordinator: -**

Nilam Desai, Assistant Professor, CMPICA, CHARUSAT, Changa

Dr. Dharmendra Patel, Associate Professor, CMPICA, CHARUSAT, Changa

Rupal Patel, Assistant Professor, CMPICA, CHARUSAT, Changa

**Expert Faculty: -**

Mr. Hardik Dubal, CEO, Timeloop Technologies, Anand

**Brief Details of Workshop: -**

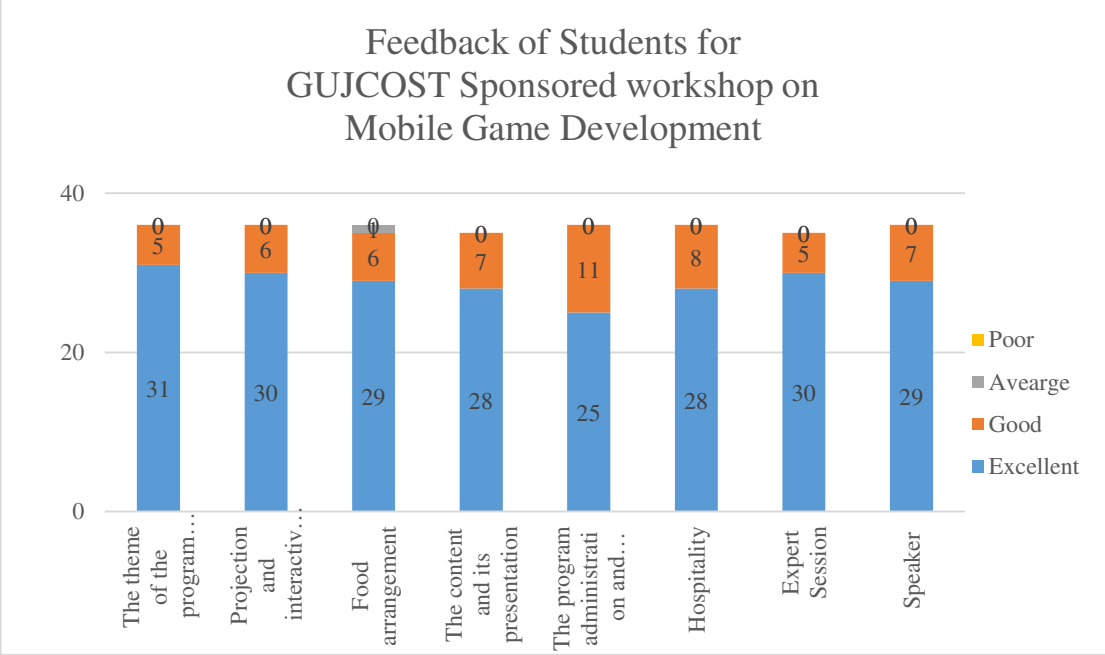
Two-day workshop on "Mobile Game Development" was organized on 8th – 9th March, 2019 at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), CHARUSAT, Changa to blow lights on area of Game Development and Unity Engine. It was sponsored by GUJCOST and DST. There were total 48 students participated in the workshop from different branches like CE, IT, BCA and M.Sc.IT. The workshop provided in-depth knowledge of Unity Game Engine through hands on session. During workshop students learn how to design game, apply interaction between game objects, game implementation and game porting for Android mobile device.

The main goal of this workshop was to make students aware about game development and its tools and technologies available and which are widely used by the Software industries. Through workshop our motive is to give base about the Unity Game Engine so in future they can learn advance concepts. The following is the summary of the content of the workshop.

| Sr. No. | Date | Topic Discussed |
|---|---|---|
| 1 | 08/03/2019 | The session was conducted by Mr. Hardik Dubal, Sir explained the concept of Introduction to Game Development and Different areas in Game Development in first half. In second half, there was a practical session on basics of Unity Game Engine. |
| 2 | 09/03/2020 | The session was started with practical session on Designing of user Interface and work with interactive Game Objects. After break, GUI Interface scripting and Porting the game to Android platform were elaborated with hands on. |

**Feedback Analysis:**

| | The theme of the program and its aim | Projection and interactive facilities provided during the program | Food arrangement | The content and its presentation | The program administration and time management | Hospitality | Expert Session | Speaker |
|---|---|---|---|---|---|---|---|---|
| Excellent | 31 | 30 | 29 | 28 | 25 | 28 | 30 | 29 |
| Good | 5 | 6 | 6 | 7 | 11 | 8 | 5 | 7 |
| Average | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Poor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



**List of Participants:**

| Sr. No. | Participants Name | Institute | Participant Type |
|---|---|---|---|
| 1. | Sagar Patel | CSPIT | Faculty |
| 2. | Chandresh Padmani | CSPIT | Student |
| 3. | Nishit Popat | CSPIT | Student |
| 4. | Deep Modi | Devang Patel Institute Of Advance Technology And Research | Student |
| 5. | Karansinh Padhiar | Devang Patel Institute Of Advance Technology And Research | Student |
| 6. | Madhav Tripathi | Devang Patel Institute Of Advance Technology And Research | Student |
| 7. | Priyang Patel | Devang Patel Institute Of Advance Technology And Research | Student |
| 8. | Utkarsh Patel | Devang Patel Institute Of Advance Technology And Research | Student |
| 9. | Shrikunj Patel | Devang Patel Institute Of Advance Technology And Research | Student |
| 10. | Vivek Soni | Devang Patel Institute Of Advance Technology And Research | Student |
| 11. | Smit Pancholi | CSPIT | Student |
| 12. | Darshit Patel | CSPIT | Student |
| 13. | Parth Navsariwala | CSPIT | Student |
| 14. | Ruchik Pravasi | Devang Patel Institute Of Advance Technology And Research | Student |
| 15. | Tirthkumar Shah | Devang Patel Institute Of Advance Technology And Research | Student |
| 16. | Nisarg Shah | Devang Patel Institute Of Advance Technology And Research | Student |
| 17. | Harsh Mehta | Devang Patel Institute Of Advance Technology And Research | Student |
| 18. | Ishan Dalal | Devang Patel Institute Of Advance Technology And Research | Student |
| 19. | Kunal Gandhi | Devang Patel Institute Of Advance Technology And Research | Student |
| 20. | Neel Sojitra | Devang Patel Institute Of Advance Technology And Research | Student |
| 21. | Jayraj Kanani | Devang Patel Institute Of Advance Technology And Research | Student |
| 22. | Yash Sanghavi | Devang Patel Institute Of Advance Technology And Research | Student |
| 23. | Himani Rabari | Devang Patel Institute Of Advance Technology And Research | Student |
| 24. | Achal Rajyaguru | Devang Patel Institute Of Advance Technology And Research | Student |
| 25. | Vivek Parmar | Devang Patel Institute Of Advance Technology And Research | Student |

| | | | |
|---|---|---|---|
| 26. | Pratyush Rajpara | Devang Patel Institute Of Advance Technology And Research | Student |
| 27. | Denish Ranpariya | Devang Patel Institute Of Advance Technology And Research | Student |
| 28. | Akshay Gelani Gelani | CSPIT | Student |
| 29. | Kishan Dalsania | CSPIT | Student |
| 30. | Abhi Kaila | CSPIT | Student |
| 31. | Dixit Kapuriya | CSPIT | Student |
| 32. | Jay Doshi | CSPIT | Student |
| 33. | Jay Kanani | CSPIT(IT) | Student |
| 34. | Dhruv Intwala | CSPIT | Student |
| 35. | Mandip Bhingaradiya | CSPIT | Student |
| 36. | Vedanshu Joshi | CSPIT | Student |
| 37. | Akshar Gothi | CSPIT | Student |
| 38. | Arpit Gothi | CSPIT | Student |
| 39. | Dhruvam Zaveri | CHARUSAT | Student |
| 40. | Murtaza Vasi | CSPIT | Student |
| 41. | Vedant Mehta | SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATION | Student |
| 42. | Nirmal Panchal | Devang Patel Institute Of Advance Technology And Research | Student |
| 43. | Kushal Master | Devang Patel Institute Of Advance Technology And Research | Student |
| 44. | Pritul Dave | Devang Patel Institute Of Advance Technology And Research | Student |
| 45. | Harsh Hariramani | Devang Patel Institute Of Advance Technology And Research | Student |
| 46. | Dhruv Kansara | Smt. Chandaben Mohanbhai Patel Institute Of Computer Application | Student |
| 47. | Kaxa Dholakia | Om Engineering College | Student |
| 48. | Disha Zala | Om Engineering College | Student |

CHARUSAT

CHARUSAT is promoted by Shri Charotar Moti Sattavis Patidar Kelvani Mandal. It is established under Gujarat Act No. 8 of 2009, Govt. of Gujarat and recognized to award degrees as specified by UGC under Section 22 of UGC Act 1956. The university campus is sprawling over 105 acres of lush green landscape with ultra-modern facilities for teaching, learning, research, sports, healthcare, student housing, food, banking, transportation etc. CHARUSAT is a dynamically growing research lad university with nearly 5500+ students and more than 543 employees. CHARUSAT maintains an exceptional reputation for high quality work on honesty, transparency and integrity which puts it in a strong position to contribute to all aspects of the creation and dissemination of the knowledge.

## SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATIONS

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA) is a constituent institute of CHARUSAT. It is offering a BCA, B.Sc.(IT), MCA, MCA Lateral, M.Sc. (IT), MCA-Dual, and Ph. D. Programmes. The vision of the institute is to become a leading institution in the field of computer applications and contribute in national efforts of computerizing public systems. It is committed to excel both in teaching and research. Institute is reacting rapidly to the changing technological landscape by adapting quickly. The Institute is also committed to adapt industry practices.

## ORGANIZING COMMITTEE:

### Chief Patron

Shri Surendra Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHAMOSPKM

### Patron

Dr. Pankaj Joshi, Provost, CHARUSAT

### Convener:

Dr. Atul Patel, Principal, CMPICA
Dr. B.G. Patel, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT
Dr. Deepak Garg, Bennett University

### Organizing Secretary

Dr. K. K. Patel, CMPICA, CHARUSAT

### Resource Persons

Dr. Deepak Garg, Bennett University
Dr. Suneet Kumar Gupta, Bennett University
Dr. Sridhar Swaminathan, Bennett University
Dr. Atul Patel, CMPICA, CHARUSAT
Dr. K. K. Patel, CMPICA, CHARUSAT

### Venue:

**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**
Faculty of Computer Science and Applications,
Charotar University of Science & Technology (CHARUSAT),
Changa - 388421, Dist: Anand, Gujarat
Ph. No. 02697-248215 Fax: 02697-247100
Cell: 787 4607066
E-mail: kanupatel.mca@charusat.ac.in

# NWAIDL-2019

GUJCOST Sponsored

# National Workshop on AI and Deep Learning

### THEME:

***Transforming nation through AI and MI technologies***

## March 1-2, 2019

### Workshop Announcement and Call for Papers

https://www.charusat.ac.in/nwaidl2019/NWAIDL2019.htm

Department of Science & Technology
Government of Gujarat

**Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**
Faculty of Computer Science & Applications
**Charotar University of Science & Technology (CHARUSAT)**
**Accredited with Grade A by NAAC**
**Changa**
www.charusat.ac.in

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**National Workshop on AI and Deep Learning (NWAIDL-2019)** aims to make AI and deep learning skills mainstream in India to fulfill trilateral needs of entrepreneurship, industry-academia partnership and application-inspired research. It provides a forum for scientists, researchers, professionals, academia, and practitioners to discuss and exchange ideas, new techniques, approaches and applications related to AI, machine learning, and deep learning.

Following are the main objectives of the workshop:

- in-depth discussions among the invited speakers, guests and participants about the critical research questions developing the mainstream;
- to equip participants with the industry-driven AI and DL tools;
- personalized advice and guidance from the invited speakers to the participants on the skills essential for success in ICT careers;
- to train and develop quality workforce;
- to establish the synergistic relationship with leaders of industry, academia, and government.
- to actively engage students and industries to have better collaboration for the benefit of the society via student projects.
- to train and guide faculty members to do cutting-edge research in the areas related to the artificial intelligence and machine intelligence.

The workshop (NWAIDL-2019) will exhibit an exciting technical program. It will also feature high-quality tutorials, industry panels and exhibitions, as well as lectures from prominent research and industry leaders.

### WORKSHOP TOPICS:

- AI and machine learning
- AI Applications
- Convolutional and Recurrent Neural Network
- Auto-encoder
- Image Analysis using deep learning
- Hyperspectral Image Analysis using deep learning
- Python Programing for AI and deep learning
- Project development
- Paper and Case Studies presentation

### REGISTRAION LINK:

https://docs.google.com/forms/d/e/1FAIpQLSc2vZvPd-PXNR-dNLQbpj-ebiVWSkmefTXA00illi3eCo7dOw/viewform?usp=sf_link

### GUIDELINES FOR PAPER SUBMISSION:

If participants would like to present their research works, then they can submit papers as per following guidelines.

- Submit the manuscript of the paper as
  - Long Paper: having normally 6 pages (maximum 8 pages) (including figures & tables), and
  - Short Paper: having up to 4 pages (including figures & tables),

  through email before last date for paper submission.
- An abstract should not exceed 200 words.
- At least one author of an accepted paper must register at full rate.
- Paper author and presenter will receive certificate as a resource person.
- For further details, paper template and registration form, please visit our website.

### IMPORTANT DATES:

| | |
|---|---|
| Last date for submission of complete paper: | 20/02/2019 |
| Acceptance notification date: | 22/02/2019 |
| Last date for registration: | 22/02/2019 |
| Last date for submission of Camera ready: | 25/02/2019 |

### REGISTRATION FEE DETAILS:

| | |
|---|---|
| For Students: | Rs. 200/- |
| For Academia: | Rs. 300/- |
| For Non-academia | Rs. 500/- |

Please visit our web site for more details.

CHARUSAT

**Accredited with Grade A by NAAC**

# National Workshop on "AI and Deep Learning"
# 1st – 2nd March, 2019
# Report

**Brief Details of Workshop: -**

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA), Charotar University of Science and Technology (CHARUSAT) organized two days GUJCOST sponsored **National Workshop on AI and Deep Learning (NWAIDL2019)** during March 1-2, 2019. The theme of the workshop was "Transforming nation through AI and MI technologies". The inauguration function was held at CMPICA, CHARUSAT, Changa. Dr. Suneet Kumar Gupta (Professor, Bennett University), Dr. Atul Patel (Professor/Dean, CMPICA, CHARUSAT), and Dr. K. K. Patel (Asst. Professor, CMPICA, CHARUSAT) were present on the inauguration function.

The workshop comprises three invited talks, three hands-on sessions, and one technical session. We have received three case-study papers from researchers. After review process, one paper has been selected by reviewers for presentation in the workshop. Basics of Deep learning, neural networks, ANN, CNN, and RNN were covered comprehensively in the in the workshop.

Total seventy-seven delegates have registered for the workshop. During workshop, breakfast, tea/coffee and lunch have been provided for both the days. Accommodation was provided to nine participants. All the delegates have participated actively in the workshop and made the workshop a grand success.

List of Participants

| Sr. # | Salutation | First Name | Last Name | Designation | Institute/Department/Organization Name | University Name |
|---|---|---|---|---|---|---|
| 1 | Mr. | JAYDEEP | DHOLAKIA | Student | Atmiya Institute of Technology and Science | Gujarat Uni. |
| 2 | Mr. | Devansh | Choudaha | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 3 | Mr. | Tarang | Ranpara | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 4 | Mr. | Viranya | Shah | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 5 | Mr. | Khushali | Ratanghayara | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 6 | Miss | Nirali | Joshi | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 7 | Miss | Khushali | Ratanghayara | B.E. student | Atmiya Institute of Technology and Science | GTU |
| 8 | Mr. | Shikhar | Makwana | Entrepreneur. | Babaria institute of technology | GTU |
| 9 | Mr. | Manish | Vala | Assistant Professor | Babu Madhav Institute of Information Technology | Uka Tarsadia Uni. |
| 10 | Mr. | Hardik | Vyas | Assistant Professor | Babu Madhav Institute of Information Technology | Uka Tarsadia Uni. |
| 11 | Miss | Tanvi | Navik | Teaching assistant | Bhaghvan Mahavir Collage of computer application | Vnsgu |
| 12 | Mrs. | Brijal | Panwala | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | VNSGU |
| 13 | Mrs. | Kruti | Desai | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | VNSGU |
| 14 | Mrs. | Trupti | Patel | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | Vnsgu |
| 15 | Miss | Payal | Dixit | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | Vnsgu |

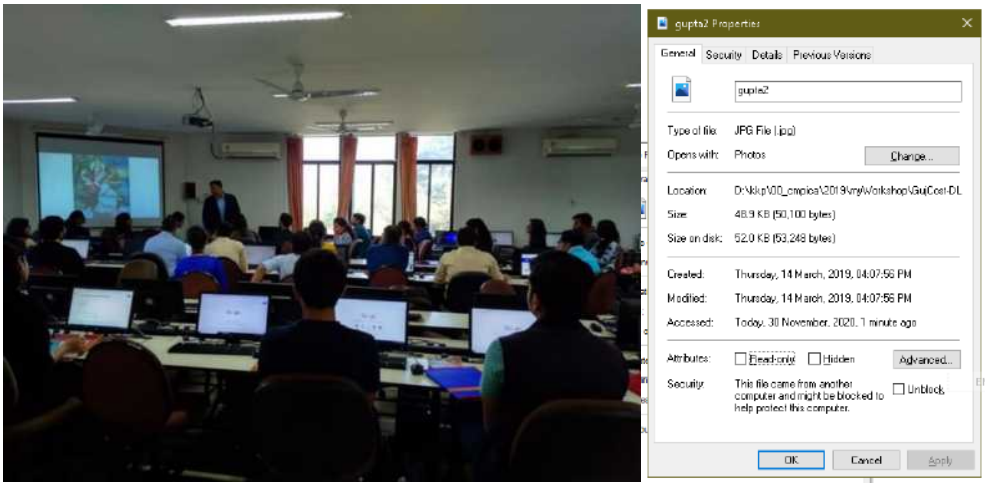
| | | | | | | |
|---|---|---|---|---|---|---|
| 16 | Mr. | Jaynesh | Desai | Assistant Professor | Bhaghvan Mahavir Collage of computer application | VNSGU |
| 17 | Mrs. | Dipikaben | Prajapati | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | Vnsgu |
| 18 | Miss | Jaimini | Patel | Teaching Assistant | Bhaghvan Mahavir Collage of computer application | VNSGU |
| 19 | Miss | Dhwani | Trivedi | Student | BVM Engineering College | GTU |
| 20 | Mr. | Ashwin | Makwana | Research Scholar | CHARUSAT | CHARUSAT |
| 21 | Dr. | Shivang | Patel | Assistant Professor | Chimanbhai Patel Institute | Gujarat University |
| 22 | Mrs. | Shailee | Shah | PhD scholar | Computer science | Ganpat |
| 23 | Mr. | Bhaveshkumar | Patel | Assistant Professor | Computer Department | Ganpat University |
| 24 | Prof. | Shaifali | Malukani | Assistant Professor | Computer Engineering | DDU, Nadiad |
| 25 | Dr. | sachin | sharma | Assistant Professor | Computer Engineering | IAR |
| 26 | Mr. | Rikin | Nayak | Assistant Professor | CSPIT | CHARUSAT |
| 27 | Miss | Pankti | Shah | Student | Cspit EC | Charusat |
| 28 | Dr. | Jitendra | Chaudhari | Associate Professor | CSRTC-CSPIT | CHARUSAT |
| 29 | Dr. | Amit | Patel | Assistant Professor | CSRTC-CSPIT | CHARUSAT |
| 30 | Dr. | Gopi | Sanghani | Professor | Darshan Institute of Engineering & Technology, Rajkot | GTU |
| 31 | Prof. | Rekha | Karangiya | Assistant professor | Darshan Institute of Engineering & Technology, Rajkot | GTU |
| 32 | Prof. | Dixita | Kagathara | Assistant Professor | Darshan Institute of Engineering & Technology, Rajkot | GTU |

| | | | | | | |
|---|---|---|---|---|---|---|
| 33 | Prof. | Nilam | Mehta | Assistant professor | Darshan Institute of Engineering & Technology, Rajkot | GTU |
| 34 | Miss | Mitali | Shah | PhD Scholar | Department of computer science | Ganpat University |
| 35 | Mr. | Parth | Goel | Assistant Professor | Devang Patel Institute of Advance Technology and Research | CHARUSAT |
| 36 | Prof. | Dweepna | Garg | Assistant Professor | Devang Patel Institute of Advance Technology and Research | CHARUSAT |
| 37 | Mr. | Dipak | Ramoliya | ASSISTANT PROFESSOR | Devang Patel Institute of Advance Technology and Research | CHARUSAT |
| 38 | Miss | Vinita | Nair | Assistant Professor | GLS-FCAIT, MSc(IT) Programme | GLS University |
| 39 | Mr. | Vishal | Narvani | Assistant Professor | GLS-FCAIT, MSc(IT) Programme | GLS University |
| 40 | Mr. | DARSHAN KUMAR | PATEL | Assistant Professor | GOVERNMENT ENGINEERING COLLEGE -GODHRA | GTU |
| 41 | Mr. | VIPUL | RAJYAGURU | ASSISTANT PROFESSOR | GOVT.ENGG.COLLEGE, RAJKOT | GTU |
| 42 | Mr. | Sagar | Rana | Student | IICT | Indus Unibersity |
| 43 | Mr. | KIRTANKUMAR | RATHOD | Assistant Professor | IICT | INDUS UNIVERSITY |
| 44 | Mr. | Smit | Shah | Student | IICT | Indus university |
| 45 | Mr. | Shubham | Mehta | Student | IICT | Indus university |
| 46 | Miss | Priyanka | Jangid | Student | IICT | Indus university |
| 47 | Mr. | Mohanish | Patel | Student | IICT | Indus University |
| 48 | Mr. | Tirth | Sompura | Student | IICT | Indus university |
| 49 | Mrs. | Pooja | Gandhi | student | IICT | Indus University |
| 50 | Miss | Bhavana | Hotchandani | Asst. Professor | Institute of Information and Communication Technology | INDUS University |

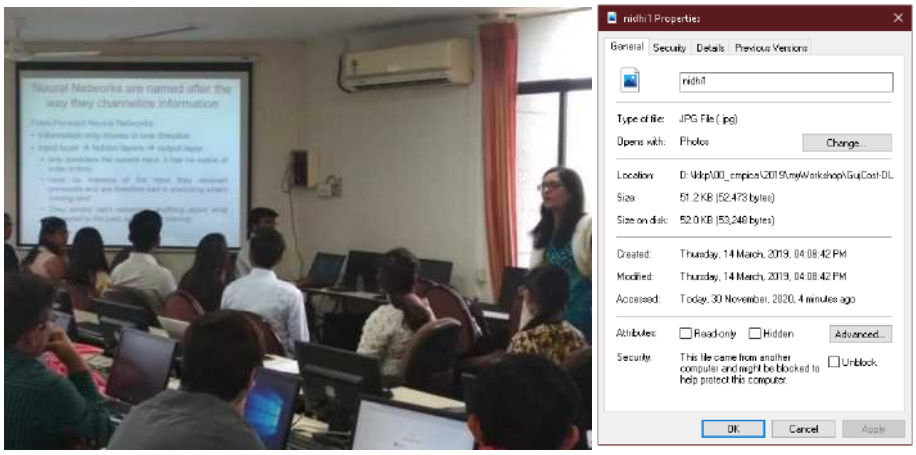
| | | | | | | |
|---|---|---|---|---|---|---|
| 51 | Dr. | Dipesh | Makwana | Associate Professor | Instrumentation and Control Engg | Government Engg College Rajkot |
| 52 | Prof. | Rameshbhai | Vachhani | Lecturer | M.M.Ghodasara Mahila College Junagadh-362001 | Bhakt Kavi Narsingh Mehta university-Junagadh-362001. |
| 53 | Miss | HONEY | KEDARIA | Student | PDIPIAS | CHARUSAT |
| 54 | Miss | Vidhi | Tripathi | Student | PDIPIAS | CHARUSAT |
| 55 | Miss | disha | patel | Student | PDIPIAS | CHARUSAT |
| 56 | Miss | Khadija | Zaranwala | Student | PDIPIAS | CHARUSAT |
| 57 | Mr. | saurabh | vyas | student | PDIPIAS | CHARUSAT |
| 58 | Miss | Hima | Patel | Student | PDIPIAS | CHARUSAT |
| 59 | Miss | Rajvi | Mehta | student | PDIPIAS | CHARUSAT |
| 60 | Miss | Pratiksha | Patel | Student | PDIPIAS | CHARUSAT |
| 61 | Mr. | Hiren | Kelaiya | Student | PDPIAS | CHARUSAT |
| 62 | Miss | Shah | Shailee | Student | PDPIAS | CHARUSAT |
| 63 | Miss | Vishwaben | Patel | Student | PDPIAS | Charusat |
| 64 | Mr. | Sanikumar | Patel | Student | PDPIAS | Charusat |
| 65 | Mr. | Jay | Patel | Student | PDPIAS | Charusat |
| 66 | Miss | Kavya | Dhandhukia | Student | PDPIAS | CHARUSAT |
| 67 | Mr. | Hitesh | Ahir | Student | PDPIAS | CHARUSAT |
| 68 | Miss | Khushboo | Patel | Student | PDIPIAS | CHARUSAT |
| 69 | Miss | yesha | nahiyera | assistant professor | s.s. agrawal college, navsari | Ganpat university |
| 70 | Dr. | Aditya | Patel | Assistant Professor | School of Computer Studies | Ahmedabad Uni. |
| 71 | Mr. | Jaideepsinh | Raulji | Lecturer | School of Computer Studies | Ahmedabad Uni. |
| 72 | Mr. | Darsh | Joshi | Student | Shantilal Shah Engi. College | GTU |

| | | | | | | |
|---|---|---|---|---|---|---|
| 73 | Mr. | Hardipsinh | Ravalji | Assistant Professor | Shri D N Institute Of Computer Applications,Anand | SPU, VVNagar |
| 74 | Mr. | Amit | Patel | Assistant Professor and HOD | Shri D.N.Insitute of Computer Applications | SPU, VVNagar |
| 75 | Mr. | Jitendra kumar | Upadhyay | Assistant Professor | Shrimad Rajchandra Institute of Management and Computer Application | Uka Tarsadia Uni. |
| 76 | Mr. | Vivek | Fumakia | Assistant Professor | Shrimad Rajchandra Institute of Management and Computer Application (SRIMCA) | Uka Tarsadia Uni. |
| 77 | Miss | HETAL | BARAD | LECTURER | SMT. K.S. KAPASHI BCA COLLEGE | BHAVNAGAR UNI. |
| | | | | | | |

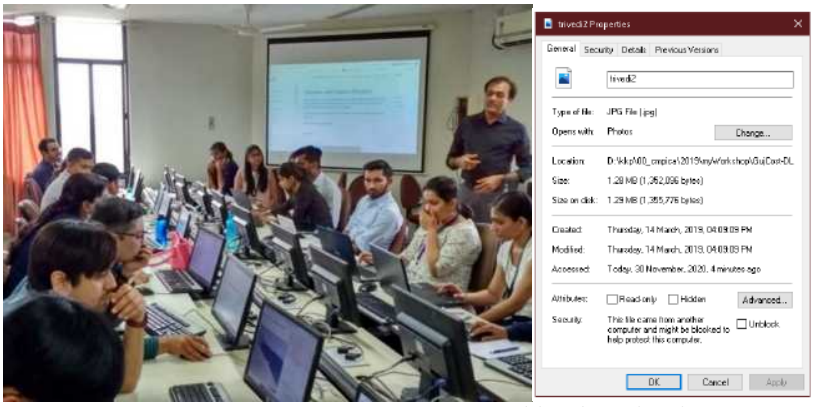
## Photographs of the workshop




Dr. Sunnet Kumar Gupta delivering session during the workshop




Dr. Nidhi Arora delivering session on RNN during the workshop



Dr. Kiran Trivedi delivering session on “Machine learning in Browser”

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUE OF MANAGEMENT ($I^2IM$)**
**DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES (DHSS)**

Six –day Faculty Programme on

# Digital Humanities: Teaching for Research

EVENT CIRCULAR

June 17-22, 2019

## Preamble

CHARUSAT fosters the very unique tradition of appreciating the research and innovations by the faculty members. In the same regard, the University provides the training to the faculty members in its own kind. The Department of Humanities and Social Sciences, Indukaka Ipcowala Institute of Management is going to organize the Six – Day Faculty Development Programme for the faculty members.

The aim of the Faculty Development Programme is to make the faculty members engage themselves more into research oriented activities. The FDP also aims at having the adequate knowledge of drafting proper Research Proposals for Seminars and Webinars. As educators, it has become necessary to be aware about the latest trends, techniques and methods of research.

With an objective to attain research oriented teaching learning process, Indukaka Ipcowala Institute of Management ($I^2IM$) arranged Six Day Faculty Development (FDP) on ***Digital Humanities: Teaching for Research*** from 17-22 June, 2019.

## Objectives

Proposed faculty development program has the following objectives:

- To make teaching – learning processes research centric
- To energize the faculty members by to engage themselves more into research activities
- To make the faculty members draft effective proposals for Seminars and Conferences
- To inspire the faculty members for genuine and original research

The following faculty members are requested to join the Faculty Development Programme;

| Sr. No | Name of the Faculty | Sign |
|---|---|---|
| 1 | Dr. Bhaskar Pandya | |
| 2 | Mr. Kaushik Trivedi | |
| 3 | Mr. Robert Parmar | |
| 4 | Mr. Vijay Makwana | |
| 5 | Ms. Kinjal Bhatia | |
| 6 | Dr. Lipi Acharya | |
| 7 | Dr. Prathyaksh Janardanan | |
| 8 | Mr. Ishan Pandya | |
| 9 | Ms. Radhika Bhat | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

**Dr. Govind B Dave**
Dean, FMS & Principal, I²IM

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)**
**HUMANITIES AND SOCIAL SCIENCES (HSS)**

# Digital Humanities: Teaching for Research

Faculty Development Program | June 17-22, 2019 | **Schedule***

| Day & Date | Time | Resource Person | Topic/ Activity | Remarks |
|---|---|---|---|---|
| Day-1 Monday (17/06/2019) | 09:30 AM - 11:30 AM | Dr. Govind Dave<br>Dean, FMS & Principal, I²IM, CHARUSAT | Orientation to the FDP<br>Institutional Expectations and Faculty Performance | |
| | 11:30 AM- 11:45 AM | -- Tea Break -- | | |
| | 12:00 Noon- 1:00 PM | Dr. Govind Dave<br>Dr. Bhaskar Pandya, HoD, HSS | Planning to Teach: Brainstorming on Teaching, Learning and Evaluation | |
| | 1:00 PM- 02:00 PM | -- Lunch Break-- | | |
| | 02:00 PM - 03:30 PM | Faculty Preparation for initiating Bridge Courses | | |
| | 03:30 PM – 04:30 PM | Dr. Govind Dave<br>Dr. Bhaskar Pandya | Faculty Presentations on Bridge Courses | |
| Day-2 Tuesday (18/06/2019) | 09:30 AM- 11:30 PM | **Dr. Ajaysinh Chauhan**, Registrar, Gujarat Sahitya Academy, Gandhinagar | Writing Research Proposals: Seminars – Conferences - Workshops | |
| | 11:30 AM- 12:30 PM | Dr. Govind Dave | Brainstorming on Faculty Proposals | |
| | 12:30 PM- 01:30 PM | -- Lunch Break-- | | |
| | 01:30 PM - 03:30 PM | Revisiting Research Proposals – Faculty Discussions and Revisions | | |
| | 03:30 PM – 04:30 PM | Dr. Govind Dave / Dr. Bhaskar Pandya | Faculty Presentations on Revised Proposals | |
| Day-3 Wednesday (19/06/2019) | 09:30 AM- 11:30 PM | **Dr. N V Bose**, Principal, H M Patel Institute of English Training and Research, Vallabh Vidyanagar | Effective Classroom Management | |
| | 11:30 AM- 12:30 PM | Dr. Govind Dave | Brainstorming | |
| | 12:30 PM- 01:30 PM | -- Lunch Break-- | | |
| | 01:30 PM- 04:30 PM | Dr. Govind Dave/ Dr. Bhaskar Pandya | Faculty Presentations on Annual Planning and Goal Statements | |
| Day-4 Thursday (20/06/2019) | 09:30 AM- 11:30 PM | **Dr. H B Patel**, Dean, Education, Central University of Gujarat, Gandhinagar | Teaching for Research | |
| | 11:30 AM- 12:30 PM | Dr. Govind Dave | Brainstorming | |

| | | | | |
|---|---|---|---|---|
| | 12:30 PM- 01:30 PM | -- Lunch Break-- | | |
| | 01:30 PM- 04:30 PM | Dr. Govind Dave/ Dr. Bhaskar Pandya | Faculty Preparation / Presentations on Classroom Observations for Research – Research Paper Writing | |
| Day-5 Friday (21/06/2019) | 09:30 AM- 11:30 PM | **Dr. Hitesh Raviya**, Head, Department of English The M S University of Baroda, Vadodara | Technology in Teaching: From Principles to Practice | |
| | 11:30 AM- 12:30 PM | Dr. Govind Dave | Brainstorming on the use of Technology by Faculty Members | |
| | 12:30 PM- 01:30 PM | -- Lunch Break-- | | |
| | 01:30 PM- 04:30 PM | **Ms. Kirti Makwana**, Assistant Professor, I²IM, CHARUSAT | Effective Academic Administration through Microsoft Excel | |
| Day-6 Saturday (22/06/2019) | 09:30 AM- 11:30 PM | **Dr. Z N Patil**, Former Professor, English and Foreign Languages University, EFLU (Formerly CIEFL), Hyderabad | Effective ELT | |
| | 11:30 AM- 12:30 PM | -- Lunch Break-- | | |
| | 12:30 PM- 02:30 PM | **Dr. Z N Patil**, Former Professor, English and Foreign Languages University, EFLU (Formerly CIEFL), Hyderabad | Effective ELCT | |
| | 2:30 PM- 04:30 PM | Valedictory – Feedback – Report Preparation | | |

*Note: This may change a little.

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (C USAT)
FACULTY OF MANAGEMENT STUDIES (FMS)
INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I2IM)
HUMANITIES AND SOCIAL SCIENCES (HSS)

Six Day Faculty Development Program on 'Digital Humanities: Teaching for Research' from June 17 to 22, 2019

Attendance Sheet

| Sr No: | Name | Day 1 - 17-06-2019 Monday | | | | Day 2 - 18-06-2019 Tuesday | | | | Day 3 - 19-06-2019 Wednesday | | | | Day 4 - 20-06-2019 Thursday | | | | Day 5 - 21-06-2019 Friday | | | | Day 6 - 22-06-2019 Saturday | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 | 09:30 - 11: 30 | 11:30 - 12:30 | 01:30- 03:30 | 03:30 - 04:30 |
| 1 | Dr Bhaskar Pandya | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Mr Kaushik Trivedi | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Mr Robert Parmar | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Mr Vijay Makwana | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Ms Kinjal Bhatia | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Dr Lipi Acharya | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Dr Prathyaksh Janardhanan | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Mr Iahan Pandya | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Ms Radhika Bhat | | | | | | | | | | | | | | | | | | | | | | | | |

Number of Participants : 09

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF HUMANITIES AND SOCIAL SCIENCE (HSS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ($I^2IM$)**

## FACULTY DEVELOPMENT PROGRAMME

## EVENT REPORT

## "Digital Humanities: Teaching for Research"

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Faculty Development Program on **"Digital Humanities: Teaching for Research"** organized by Department of Humanities & Social Sciences, Indukaka Ipcowala Institute of Management during June 17-22, 2019. Total 9 faculty members of HSS participated in FDP. Experts from English & Foreign Languages University, Hyderabad, Central University of Gujarat, Gandhinagar, and M S University, Baroda conducted the sessions in the Faculty Development Program.

Following topics were covered under the six days FDP on Digital Humanities: Teaching for Research:

- Planning to teach: Brainstorming on teaching, learning and evaluation
- Faculty presentation on bridge courses
- Writing and brainstorming on research proposals
- Effective classroom management
- Faculty presentations on annual planning and goal statement
- Faculty presentations on classroom observations for research paper writing
- Effective academic administration through Microsoft Excel



Event Photograph



**FDP – Digital Humanities – Teaching for Research – 17th June 2019 to 22nd June 2019**

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Reshma Sable <reshmasable.mba@charusat.ac.in>**

# CHARUSAT - FMS - IIIM - Creativity, Problem Solving and Innovation - Faculty Development Program - Detailed Schedule

1 message

**Govind Dave** <govinddave.mba@charusat.ac.in> Thu, Nov 22, 2018 at 1:39 PM
To: Satayu Travadi <satayutravadi.me@charusat.ac.in>, Vikas Panchal <vikaspanchal.me@charusat.ac.in>, Renu Koshy <renukoshy.cv@charusat.ac.in>, Samarth Bhatia <samarthbhatia.cv@charusat.ac.in>, mihir mehta <mihirmehta.ee@charusat.ac.in>, Pratik Panchal <pratikpanchal.ee@charusat.ac.in>, Dhara Patel <dharapatel.ec@charusat.ac.in>, jalpa patel <jalpapatel.ec@charusat.ac.in>, Jalpesh Vasa <jalpeshvasa.it@charusat.ac.in>, Sanket Suthar <sanketsuthar.it@charusat.ac.in>, Nikita Bhatt <nikitabhatt.ce@charusat.ac.in>, Minal Maniar <minalmaniar.ce@charusat.ac.in>, Parth Goel <parthgoel.ce@charusat.ac.in>, Mohammed Bohara <mohammedbohara.ce@charusat.ac.in>, Amit Nayak <amitnayak.it@charusat.ac.in>, Nilesh Dubey <nileshdubey.ce@charusat.ac.in>, rima pitroda <rimapitroda.ce@charusat.ac.in>, Dharmendra Baria <dharmendrabaria.ph@charusat.ac.in>, Gayatri Patel <gayatripatel.ph@charusat.ac.in>, Arpit Patel <arpitpatel.mba@charusat.ac.in>, Reshma Sable <reshmasable.mba@charusat.ac.in>, "Dr. Anamika Jha" <anamikajha.bt@charusat.ac.in>, Kiran Patel <kiranpatel.bio@charusat.ac.in>, Shipraa Shah <shipraashah.phy@charusat.ac.in>, Vidhi Thakar <vidhithakar.phy@charusat.ac.in>, franny emmanuel <frannyemmanuel.nur@charusat.ac.in>, Hetal Shah <hetalshah.nur@charusat.ac.in>, Dhara Jajal <dharajajal.cips@charusat.ac.in>, Manna Debnath <mannadebnath.cips@charusat.ac.in>, Jaimin Undavia <jaiminundavia.mca@charusat.ac.in>, hardikpatel.cmpica@gmail.com, Hardik Jayswal <hardikjayswal.it@charusat.ac.in>
Cc: hod@charusat.ac.in, principal@charusat.ac.in, Registrar CHARUSAT <registrar@charusat.ac.in>, bhaskar pandya <bhaskarpandya.cs@charusat.ac.in>

Dear Sir / Madam,

As you are aware, Charotar University of Science and Technology (CHARUSAT) has been donated around Rs. 2 crores by Dr. Anil and Asha Patel towards the establishment of **Anil and Asha Patel Endowment Fund for a Course on Creativity** at CHARUSAT.

Various activities have been initiated under the Endowment Fund. A Faculty Development Program was also organized to train around 50 Faculty Members of CHARUSAT in 2017.

In the series, Second Program – a (Residential) **Faculty Development Program -** is scheduled from November 25, 2018 to December 1, 2018. **In the same context, you are Nominated from your Institute / Department to attend the Program.**

**Please find attached herewith detailed schedule of the entire Program for your ready reference and *compliance.*** Should you have any queries, please write to Dr. Bhaskar Pandya at bhaskarpandya.cs@charusat.ac.in or contact him on +91 98242 69101.

Thanking you in anticipation,

With regards,

**Govind B Dave**

**CHARUSAT-IIIM-Anil and Asha Patel - FDP-CPI - Schedule for Participants.pdf**
970K

Accredited with Grade A by NAAC

# CREATIVITY, PROBLEM SOLVING AND INNOVATION

## FACULTY DEVELOPMENT / TEACHERS' TRAINING PROGRAMME

**(November 25 - December 01, 2018)**

**Resource Person(s)**

**Dr. Anil S Patel, Ph.D.**
Internationally Acclaimed and Renowned Multi-Disciplinary R&D Expert
Noble Philanthropist

**Dr. Asha Patel, Ph.D.**
Retired Scientist and Noble Philanthropist

***Tentative Schedule***[1]

| Day | Date / Day | Time (IST) | Activities | Remarks |
|---|---|---|---|---|
| | November 24, 2018 (Saturday) | | Arrival and Reporting at Check-In @ Hotel The Maison Ganesh Crossing, Anand | *At Your Convenience* |
| | | 08:30 pm | *Dinner* | *At Hotel – Organized by the Host* |
| 1 | November 25, 2018 (Sunday) | 11:00 am | Arrival and Reporting at Check-In @ Hotel The Maison Ganesh Crossing, Anand | |
| | | 12:05 pm | Departure from Hotel to CHARUSAT, Changa | **Accompanying / Contact Person:** Dr. Pramod Patel, I²IM, CHARUSAT Mobile: +91-9879334259 \| 9426207390 |
| | | 02:00 pm – 02:30 pm | Registration and Reporting by Participants | *At I²IM Foyer, A2 -I²IM Building, CHARUSAT Campus, Changa* |
| | | 02:30 pm – 03:00 pm | Brief Introduction of the Donor and Resource Person(s) Profile | Interaction Theatre - V - I²IM Building CHARUSAT *Expression of Gratitude and Brief Status Report* |
| | | | Participants' Profile | |
| | | 03: 00 pm – 05:00 pm | Creativity, Problem Solving and Innovation Week # 1 \| Session – 1 & 2 | Course Outline and Modules |
| | | 05:00 pm – 05:45 pm | *Free-willing Interactions* | |
| | | 06:00 pm – 07:00 pm | *Refreshments / Tea* | |
| | | 07:00 pm | *Break for the Day* | Travel Back to Hotel |
| | | 08:30 pm | *Dinner* | *At Hotel – Organized by the Host* |

[1]

***Venues:***
**Sessions:** Interaction Theatre - V – I²IM, Ground Floor, A2 - I²IM Building, CHARUSAT
**Activities:** Interaction Theatre - VI – I²IM, Ground Floor, A2 - I²IM Building, CHARUSAT
***Notes:***
**Breakfast:** Early Morning at Hotel and with Participants at Central Square, A2 - I²IM Building, CHARUSAT
**Lunch:** Central Square, A2-I²IM Building, CHARUSAT | **Dinner:** Organized by Host at Hotel The Maison, Anand
**Departure Time:** From Hotel to CHARUSAT, Changa except Day 1 shall be 08:30 am every day.

| Day | Date / Day | Time (IST) | Activities | Remarks |
|---|---|---|---|---|
| 2 | November 26, 2018 (Monday) | 07:30 am – 08:00 am | *Breakfast at Hotel* | *Departure From Hotel to CHARUSAT, Changa* |
| | | 09:00 am – 09:30 am | *Refreshments with Participants* | |
| | | 09:30 am – 11:30 am | Creativity, Problem Solving and Innovation Week # 2 \| Session – 3 & 4 | |
| | | 12:05 pm – 01:00 pm | *Lunch* | |
| | | 01:00 pm – 03:00 pm | Creativity, Problem Solving and Innovation Week # 3 \| Session – 5 & 6 | |
| | | 03:00 pm – 03:30 pm | *Tea Break* | |
| | | 03:30 pm – 04:30 pm | *Interactions / Activities* | |
| | | 04:30 pm | *Break for the Day* | Travel back to Place of Residence / Hotel |
| | | 08:00 pm | *Dinner* | *At Hotel – Organized by the Host* |
| **3** | November 27, 2018 (Tuesday) | 08:45 am – 09:15 am | *Refreshments with Participants* | |
| | | 09:15 am – 11:15 am | Creativity, Problem Solving and Innovation Week # 4 \| Session – 7 & 8 | |
| | | 11:30 am – 01:30 pm | Creativity, Problem Solving and Innovation Week # 5 \| Session – 9 & 10 | |
| | | 01:30 pm – 02:15 pm | *Lunch* | |
| | | 02:15 pm – 04:15 pm | Creativity, Problem Solving and Innovation Week # 6 \| Session – 11 & 12 | |
| | | 04:15 pm – 04:30 pm | *Tea Break* | *Break for the Day* Travel back to Place of Residence / Hotel |
| | | 08:00 pm | *Dinner* | *At Hotel – Organized by the Host* |
| **4** | November 28, 2018 (Wednesday) | 08:45 am – 09:15 am | *Refreshments with Participants* | |
| | | 09:15 am – 11:15 am | Creativity, Problem Solving and Innovation Week # 7 \| Session – 13 & 14 | |
| | | 11:30 am – 01:30 pm | Creativity, Problem Solving and Innovation Week # 8 \| Session – 15 & 16 | |
| | | 01:30 pm – 02:15 pm | *Lunch* | |
| | | 02:15 pm – 04:15 pm | Creativity, Problem Solving and Innovation Week # 9 \| Session – 17 & 18 | |
| | | 04:15 pm – 04:30 pm | *Tea Break* | *Break for the Day* Travel back to Place of Residence / Hotel |
| | | 08:00 pm | *Dinner* | *At Hotel – Organized by the Host* |

| Day | Date / Day | Time (IST) | Activities | Remarks |
|---|---|---|---|---|
| **5** | November 29, 2018 (Thursday) | 09:00 am – 09:30 am | *Refreshments with Participants* | |
| | | 09:30 am – 11:30 am | Creativity, Problem Solving and Innovation<br>Week # 10 \| Session – 19 & 20 | |
| | | 12:05 pm – 01:00 pm | *Lunch* | |
| | | 01:00 pm – 03:00 pm | Creativity, Problem Solving and Innovation<br>Week # 11 \| Session – 21 & 22 | |
| | | 03:30 pm – 04:30 pm | *Break for the Day* | Visit to Heritage Places and Travel back to Place of Residence / Hotel |
| | | 08:00 pm | *Dinner* | *At Hotel – Organized by the Host* |
| **6** | November 30, 2018 (Friday) | 09:00 am – 09:30 am | *Refreshments with Participants* | |
| | | 09:30 am – 11:30 am | Creativity, Problem Solving and Innovation<br>Week # 12 \| Session – 23 & 24 | |
| | | 12:05 pm – 01:00 pm | *Lunch* | |
| | | 01:00 pm – 03:00 pm | Creativity, Problem Solving and Innovation<br>Week # 13 \| Session – 25 & 26 | |
| | | 03:30 pm – 04:30 pm | *Interactions / Activities* | |
| | | 04:30 pm | *Break for the Day* | Travel back to Place of Residence / Hotel |
| | | 08:00 pm | *Dinner* | *At Hotel – Organized by the Host* |
| **7** | December 01, 2018 (Saturday) | 09:00 am – 09:30 am | *Refreshments with Participants* | |
| | | 09:30 am – 11:30 am | Creativity, Problem Solving and Innovation<br>Week # 14 \| Session – 27 & 28 | *Feedback Session* |
| | | 12:05 pm – 01:00 pm | *Lunch* | |
| | | 01:00 pm – 03:00 pm | Creativity, Problem Solving and Innovation<br>Week # 15 \| Session – 29 & 30 | *Feedback, Presentation of Certificates - Farewell Session* |
| | | 03:00 pm – 03:30 pm | *Tea Break* | *End of the Programme*<br>*Return Journey*<br>*Departure from CHARUSAT, Changa / Hotel, Anand to Home / Place of Destination* |

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT)

FACULTY OF MANAGEMENT STUDIES (FMS)

INDUKAKA IPCOWALA INSTITUTE OF MANAGENT (I²IM)

Residential Faculty Development Program on

CREATIVITY, PROBLEM SOLVING AND INNOVATION

Attendance Sheet

| Sr. No. | Institute | Branch | Name of the Faculty | Extension No. | Mobile No. | 2:30 - 3:00 pm | 3:00 - 5:00 pm | 5:00 - 5:45 pm | Signature |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CSPIT | Mechanical Engineering | Satayu Travadi | 5324 | 9723833357 | | | | |
| 2 | | | Vikas Panchal | 5232 | 8866286233 | | | | |
| 3 | | Civil Engineering | Renu Koshy | 5087 | 9422000070 | | | | |
| 4 | | | Samarth Bhatia | 5098 | 9978555350 | | | | |
| 5 | | Electrical Engineering | Mihir Mehta | 5045 | 7405856957 | | | | |
| 6 | | | Pratik B Panchal | 5054 | 9429773733 | | | | |
| 7 | | Electronics and Communication Engineering | Dhara P Patel | 5070 | 9825030772 | | | | |
| 8 | | | Jalpa Desai | 5064 | 9898639553 | | | | |
| 9 | | Information & Technology Engineering | Jalpesh Vasa | 5118 | 9726528769 | | | | |
| 10 | | | Sanket Suthar | 5120 | 9909147190 | | | | |
| 11 | | Computer Engineering | Nikita Bhatt | 5125 | 9725028431 | | | | |
| 12 | | | Minal Maniar | 5122 | 9408757507 | | | | |
| 13 | DEPSTAR | Computer Engineering | Parth Goel | 5286 | 9662123479 | | | | |
| 14 | | | Mohammed Husain Bohara | 5289 | 7405370028 | | | | |
| 15 | | Information & Technology Engineering | Amitkumar J Nayak | 5123 | 9925307605 | | | | |
| 16 | | | Hardik Jayswal | 5119 | 9825961830 | | | | |
| 17 | | Computer Science Engineering | Nilesh Kumar Dubey | 5288 | 9726964512 | | | | |
| 18 | | | Rima Pitroda | 5286 | 9429110022 | | | | |
| 19 | RPCP | Pharmaceutical Chemistry | DHARMENDRASINH BARIA | | 9909735925 | | | | |
| 20 | | Pharmaceutics | Dr. Gayatri Patel | 5162 | 9925054142 | | | | |
| 21 | CMPICA | Computer Applications | Jaimin Undavia | 5256 | 9426923708 | | | | |
| 22 | | Computer Applicaticns | Hardik R Patel | 5244 | 9409402514 | | | | |
| 23 | I2IM | Management | Arpit Patel | 5175 | 9408632129 | | | | |
| 24 | | | Reshma Sable | 5175 | 7874352256 | | | | |
| 25 | PDPIAS | | Dr. ANAMIKA JHA | 5194 | 9428167638 | | | | |
| 26 | | | Dr.Kirankumar Patel | 5194 | 9904057119 | | | | |
| 27 | ARIP | | Dr. Shipraa Shah | 5264 | 8141348100 | | | | |
| 28 | | Cardiorespiratory | Dr. Vidhi Thakar | 5272 | 9426778772 | | | | |
| 29 | MTIN | Nursing | Franny Joel Emmanuel | 5208 | 9409026609 | | | | |
| 30 | | | Shah Hetal J. | 5208 | 9033404171 | | | | |
| 31 | CIPS | Medical Technology | Dr. Dhara Jajal | 5310 | 9428638354 | | | | |
| 32 | | Medical Imaging Technology | Manna Debnath | 5310 | 9620062208 | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT CHARUSAT CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT)
FACULTY OF MANAGEMENT STUDIES (FMS)
INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ($I^2IM$)
Residential Faculty Development Program on
CREATIVITY, PROBLEM SOLVING AND INNOVATION

**Attendance Sheet**

| Sr. No. | Institute | Name of the Faculty | Mobile No. | 2:30 - 3:00 pm | 3:00 - 5:00 pm | 5:00 - 5:45 pm | Signature |
|---|---|---|---|---|---|---|---|
| 1 | UTU | Nimisha Jariwala | 9979538915 | | | | |
| 2 | | Ankita Desai | 9687061074 | | | | |
| 3 | | Palak Desai | 9726000626 | | | | |
| 4 | | Jaishree Tailor | 9879867707 | | | | |
| 5 | | Gautam Donga | 9624096707 | | | | |
| 6 | | Dr. Urjita V. Seth | 9825333721 | | | | |
| 7 | PPSU | Anish kumar Sharma | 7434061063 | | | | |
| 8 | | Dr. Kshitij Trivedi | 9909666353 | | | | |
| 9 | Navrachana University | Hiral H. Parikh | 9712131087 | | | | |
| 10 | Ganpat University | Sagarkumar Joshi | 91898002357 | | | | |
| 11 | Ganpat University | Dr. Kuldeepsingh Rathore | 9753473984 | | | | |

Number of Participants : 43

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT
CHARUSAT
CHANGA

# Charotar University of Science and Technology (CHARUSAT)
# Faculty of Management (FMS)
# Indukaka Ipcowala Institute of Management (I²IM)
# Department of Humanities and Social Sciences (HSS)

## A Report on HS133 Creativity, Problem Solving and Innovation

## EVENT REPORT

A Course on **Creativity Problem Solving and Innovation** is offered by CHARUSAT under **Dr. Anil and Asha Patel Endowment Chair**. The same was approved by *Board of Management* and *Governing Body,* CHARUSAT. The Course Structure of Humanities and Social Sciences has been found to be the suitable for the course as it consists of Courses taught across the University under many categories including University Core Courses. In the academic years of 2018-19 the course had been offered to the faculty members across the university. The FDP was held during 25th November to 1st December 2018. Total 43 faculty members from various institutes participated in the FDP *(Refer to List of Participants/Attendance).*

### Brief about Dr. Anil S Patel

Dr. Anil S Patel (USA) is an internationally acclaimed and renowned Multidisciplinary R&D Expert with experience of more than 55 years in USA. Dr. Anil S Patel is US based Scientist of Indian origin and so far has travelled 115 countries of all the continents. He has been a Member of Socratic Café Group that organizes weekly discussion on all the burning questions including philosophical and worldly matters at Seattle uptown Espresso Café for the last 15 years. Dr. Anil Patel graduated Bachelors from the M S University of Baroda and Master Degree from Purdue University, USA. He has his Ph D and Post-Doctoral Fellowship from North-Western University, USA. Importantly, he has been to Stanford University, USA for an Executive Program. Moreover, he has more than 150 publications and presentations. More than 25 US and International Patents are awarded to him with more than 50 awarded scientists under his supervision. He has successfully demonstrated his ability to recruit, train, mentor and lead interdisciplinary teams of scientists, engineers in the fields of material science and technology, modern biology, modern optical science, engineering and technology at Alcon. Alcon is the world's biggest provider of eye care products and the leader for innovations in Intraocular Cataract Lenses (IOLS) created under the leadership of Dr. Anil Patel which are in more than 100 million eyes till date. He retired as Vice President of Research for Surgical products at Alcon.

### Course Briefing

CHARUSAT has established Anil and Asha Patel Endowment Fund for a Course on Creativity at CHARUSAT under which a Course on Creativity, Problem Solving and innovation (CPSI) is offered to Semester – IV Undergraduate Students across all disciplines of the University. CHARUSAT envisages a National Level Training Center in Creativity and innovation with aim to train teachers who can be mentors / champions

to lead the process of creativity and innovation by igniting young minds / students across nation with a firm belief that "Indians can Solve India's Problems or Challenges". Dr. Anil Patel, Ph.D in Biomedical Engineering and Post-Doc from Northwestern University, USA, with Masters' completed from Purdue University, USA, and a Noble Philanthropist, settled in Seattle, USA having many patents to his credit in the fields of Defibrillators, Intra Aortic Balloon pump for heart failure, Prosthetic heart valves, Neonatology products, Dental care products, Computerized spirometer, Cavitron and then CooperVision and Alcon's Ultrasonic Phacoemulsifier for cataract surgery, Alcon's Acrysof IOLs, Acrysof Natural (yellow) IOLs and Acrysof ReSTOR IOL has designed this unique and pioneering course of CHARUSAT on lines with Standard University - D School, USA and have trained CHARUSAT Faculty Members under Train the Trainers initiative of CHARUSAT. He has been awarded with Albert Nelson Marquis Life Time Achievement Award by Marquis Who's Who for his professional, research and developmental contributions spread over 50 years.

The course objectives include development of creative thinking skill in the participants / students using learning components leading to understanding of various strategies for creativity, problem solving and innovation. It entails learning or understanding strategies for Psychology of Problem Solving, Vertical versus Lateral thinking , Questioning, Learning and its importance, Knowing how to see / Visualizing / Mind Mapping, Thinking Fluency, Creative or divergent versus Critical or convergent thinking, Fusing of ideas, Looking at the other side, Play, Unstructured activities, Awakening the collaborative spirit and decision making through individual and Groups exercises / activities, presentations on contemporary issues / challenges. A Faculty Development Program was organized to train around 50 Faculty Members of CHARUSAT in 2017. This year a residential FDP was organised during November - December 2018, wherein 43 faculty members across Gujarat participated.

CHARUSAT envisages a National Level Training Center in Creativity and Innovation with aim to train teachers who can be mentors / champions to lead the process of creativity and innovation by igniting young minds / students across nation with a firm belief that "Indians can Solve India's Problems or Challenges".



Event Photograph



**Creativity Problem Solving and Innovation – FDP – 25-Nov-2018 to 01-Dec-2018**



**Creativity Problem Solving and Innovation – FDP – 25-Nov-2018 to 01-Dec-2018**



**Creativity Problem Solving and Innovation – FDP – 25-Nov-2018 to 01-Dec-2018**



**Creativity Problem Solving and Innovation – FDP – 25-Nov-2018 to 01-Dec-2018**

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT
CHARUSAT
CHANGA

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ($I^2IM$)**
**Endowment Chair | November 01 - 02, 2018 | Venue: Seminar Hall, IIIM Building, CHARUSAT**

**Circular / Notice** **Date:** 29/09/2018

**Dear All**

As you are aware that Indukaka Ipcowala Institute of Management ($I^2IM$) constituent of Charotar University of Science and Technology (CHARUSAT) has been organizing various activities under our 'Endowment Chair' since 2013. Till date, as a part of Distinguish Lecture Series (DLS) many eminent resource persons from state, national and international levels have delivered talks / seminars / conducted workshops / panel discussions / etc.

This year, we have organized Seminar(s) / Talk(s) / Experiential Session(s) under Knowledge Management Series (KMS) of its **Endowment Chair** on the theme / area of **"Contemporary Strategic Management from Financial Perspectives"** with an aim to provide domain knowledge inputs / learning with a view to contribute to our vision, mission and develop graduate attributes in (aspiring managers) students of MBA programme during November 01 - 02, 2018.

The details of the same are as under:

| Sl. No.: | Chair Head / Activity | Dates | Theme | Name of the Resource Person |
|---|---|---|---|---|
| 1 | Knowledge Management Series (KMS) | November 01-02, 2018 | Contemporary Strategic Management from Financial Perspectives | **Prof. (Dr.) RamKrishna Vyas,** Dean, Faculty of Management, Devi Ahilya (DA) University, Indore Professor, International Institute of Professional Studies (IIPS), DA University, Indore Former Director, IIPS, DA University, Indore Indore, M.P, India |

You all are informed to compulsorily attend and participate with an objective to improve your knowledge, skills and attitude contributing to our vision, mission and graduate attributes. Upon fulfilment of all the requirements, each student / participant will be evaluated based on their attendance, performance and managerial contributions.

We request your attendance (as discussed / planned) and whole-hearted participation for the same.

| Sr.No. | Name of the Faculty | Signature |
|---|---|---|
| 1 | Ms. Reshma Sable | |
| 2 | Mr. Arpit Patel | |
| 3 | Dr. Pranav Desai | |
| 4 | Mr. Rajesh Sadhwani | |
| 5 | Ms. Kirti Makwana | |
| 6 | Mr. Binit Patel | |
| 7 | Mr. Snehal Bhatt | |

Thanking you,

With regards,

Govind B Dave



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
(CHARUSAT)
FACULTY OF MANAGEMENT STUDIES (FMS)
INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)

## ENDOWMENT CHAIR

**Prof. (Dr.) RamKrishna Vyas,**
Former Dean, Faculty of Management,
Devi Ahilya (DA) University, Indore
Former Director, IIPS, DA University, Indore
Indore, M.P, India

**Theme: Contemporary Strategic Management from Financial Perspectives**

(November 1-2, 2018)

Tentative Schedule

| Day / Time | 11:00 am - 12:00 noon | 12:05 pm - 12:55 pm | 01:05 pm - 03:10 pm | 03:15 pm - 04:15 pm | Remarks |
|---|---|---|---|---|---|
| November 1, 2018 | Meeting with CHARUSAT Executives | | Contemporary Organizational Strategies from the Financial Perspectives | B-School and Scope of Innovative Students Projects | |
| | Dr. Pankaj Joshi, Provost, CHARUSAT<br>Dr. H J Jani \| Dr. B G Patel<br>Dr. Devang Joshi \| Others | | *MBA - PGDM - Semester - III (2017-19)* | *Interactions with Faculty Members of I²IM* | |
| November 2, 2018 | Analysis of Financial Statement | | Interactions with the Research Scholars Academic Writing / Research Paper Publications | Open Interaction / Review / Feedback / Valedictory Session | |
| | *MBA - PGDM - Semester - I (2018-20)* | | | | |
| ***Points of Deliberations include:*** | • *Developing Strategies for a Sustainable Revenue Model: A Case of B-School*<br>• *Networking and Collaboration: A Step Towards Excellence / World Class University* | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT
CHARUSAT CHANGA

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)
FACULTY OF MANAGEMENT STUDIES (FMS)
INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)

## ATTENDANCE SHEET

**Course Code / Name:** Contemporary Strategic Management - from
**Course Coordinator / Resource Person:** Financial Perspectives - Endowment-Chair
01-11-18 to 02-011-18

| Sr. No. | ID No.: | Name Of The Student | 1/11/18 | 2/11/18 | | | |
|---|---|---|---|---|---|---|---|
| 1 | 17MBA002 | BHATT MEGHA RAKESHKUMAR | | | | | |
| 2 | 17MBA004 | CHAVAN SAVNI NITIN | | | | | |
| 3 | 17MBA006 | CHHAYLA MEGHA HASHMUKHBHAI | | | | | |
| 4 | 17MBA008 | DAVE MAITRY AMITKUMAR | | | | | |
| 5 | 17MBA010 | DESAI DHRUMIL HEMANTBHAI | | | | | |
| 6 | 17MBA012 | GOHIL VAIDEHI MANHARBHAI | | | | | |
| 7 | 17MBA014 | HOTCHANDANI KHUSHBU MAHESHKUMAR | | | | | |
| 8 | 17MBA016 | JADHAV HARSHIL RAJENDRA | | | | | |
| 9 | 17MBA018 | JIYA K MATHEW | | | | | |
| 10 | 17MBA020 | KAPADIYA AAKASH ARVINDBHAI | | | | | |
| 11 | 17MBA022 | KISHAN HASMUKHNBHAI MARU | | | | | |
| 12 | 17MBA024 | LUDHIYANI KIRAN NARESHKUMAR | | | | | |
| 13 | 17MBA026 | MANALI MUKESHBHAI PATEL | | | | | |
| 14 | 17MBA028 | MANVANI RAVINA DIPAKBHAI | | | | | |
| 15 | 17MBA030 | MEHTA PRACHI DIGANTBHAI | | | | | |
| 16 | 17MBA032 | MISTRY KIRTANKUMAR DINESHBHAI | | | | | |
| 17 | 17MBA034 | NAIK ASHWINKUMAR DIVAKARAN | | | | | |
| 18 | 17MBA035 | NIM RUCHIRA PAVANKUMAR | | | | | |
| 19 | 17MBA038 | PANCHAL DHANANJAY SANJAYKUMAR | | | | | |
| 20 | 17MBA040 | PANDYA VRAJ DARSHANKUMAR | | | | | |
| 21 | 17MBA042 | PANSURIA DHRUVA PUNALAL | | | | | |
| 22 | 17MBA044 | PARMAR SEMEY SHASHIKANT | | | | | |
| 23 | 17MBA046 | PATEL AESHA BHAVESHBHAI | | | | | |
| 24 | 17MBA048 | PATEL AKSHAY AVINASHBHAI | | | | | |
| 25 | 17MBA050 | PATEL ARCHITA ANILBHAI | | | | | |
| 26 | 17MBA052 | PATEL CHARMY JITENDRAKUMAR | | | | | |
| 27 | 17MBA054 | PATEL DEVASHYA PINAKINBHAI | | | | | |
| 28 | 17MBA056 | PATEL DIXABEN PARESHKUMAR | | | | | |
| 29 | 17MBA058 | PATEL HARDIK DHANVANTBHAI | | | | | |
| 30 | 17MBA060 | PATEL HETAL PANKAJBHAI | | | | | |
| 31 | 17MBA062 | PATEL JALVINKUMAR MAHESHBHAI | | | | | |
| 32 | 17MBA064 | PATEL JAYKISHAN NITINKUMAR | | | | | |
| 33 | 17MBA066 | PATEL KESHA JIGNESHKUMAR | | | | | |
| 34 | 17MBA068 | PATEL KIRTIKUMAR BHUPENDRABHAI | | | | | |
| 35 | 17MBA070 | PATEL MALAVKUMAR BHAVESHBHAI | | | | | |
| 36 | 17MBA072 | PATEL MANSI VINODBHAI | | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT CHARUSAT CHANGA

[1] Maintenance of Attendance Record both in the hard and soft format is compulsory for all courses. You are also required to

| Sr. No. | ID No.: | Name Of The Student | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 37 | 17MBA074 | PATEL MOHINI PIYUSHBHAI | | | | | | |
| 38 | 17MBA076 | PATEL NIKITABEN MEHULBHAI | | | | | | |
| 39 | 17MBA078 | PATEL NISARGKUMAR NAVINBHAI | | | | | | |
| 40 | 17MBA080 | PATEL POOJA ASHOKBHAI | | | | | | |
| 41 | 17MBA083 | PATEL RIDDHI JAKESHBHAI | | | | | | |
| 42 | 17MBA084 | PATEL RUKSHAR HANIF | | | | | | |
| 43 | 17MBA086 | PATEL SHIVAMKUMAR BHUPENDRABHAI | | | | | | |
| 44 | 17MBA088 | PATEL SHUBHAM RAJUBHAI | | | | | | |
| 45 | 17MBA090 | PATEL VAISHNAVI URVISHBHAI | | | | | | |
| 46 | 17MBA091 | PATEL VIKASH ALKESHBHAI | | | | | | |
| 47 | 17MBA094 | PRAJAPATI AKASH KANARAM | | | | | | |
| 48 | 17MBA096 | PRAJAPATI POOJABEN BHARATBHAI | | | | | | |
| 49 | 17MBA098 | RANA MALHAR KIRIT | | | | | | |
| 50 | 17MBA100 | RATHOD RUSHINKUMAR DAHYABHAI | | | | | | |
| 51 | 17MBA102 | RUCHITBHAI PRAKASHBHAI PATEL | | | | | | |
| 52 | 17MBA104 | SHAH BIJALBEN CHETANKUMAR | | | | | | |
| 53 | 17MBA106 | SHAH PRIYANSH HARSHADKUMAR | | | | | | |
| 54 | 17MBA107 | SHAH SALONI AKSHAYKUMAR | | | | | | |
| 55 | 17MBA109 | SHAH VIDHI NIKESHKUMAR | | | | | | |
| 56 | 17MBA110 | SHAIKH MUBIN SHABBIR | | | | | | |
| 57 | 17MBA112 | SHARMA HARSH PRIYAKANT | | | | | | |
| 58 | 17MBA127 | RATHOD PRATIKBHAI RAMANBHAI | | | | | | |
| 59 | 17MBA128 | MAHERIYA NIMISHABEN RAJESHBHAI | | | | | | |
| 60 | 17MBA129 | CHAURASIA RAHUL LAXMANPRASAD | | | | | | |
| 61 | 17MBA130 | TULI AARTI RAKESH | | | | | | |
| 62 | 17MBA131 | SOLANKI SAMANVAYKUMAR BHARATSINH | | | | | | |
| 63 | 17MBA132 | PATEL SAUMILKUMAR HITESHBHAI | | | | | | |
| 64 | 17MBA133 | PATEL DHRUVA AMRISHKUMAR | | | | | | |
| 65 | 17PGDM001 | CHAUHAN AMIT RAMESHBHAI | | | | | | |
| 66 | 17PGDM002 | DESAI HARSH PINAKINBHAI | | | | | | |
| 67 | 17PGDM003 | DEVANI JAYKUMAR ARVINDBHAI | | | | | | |
| 68 | 17PGDM004 | KOSHTI BHAVESH RAMESHBHAI | | | | | | |
| 69 | 17PGDM005 | MAKWANA SNEHIT DILIPKUMAR | | | | | | |
| 70 | 17PGDM006 | PATEL DHARMIK BHARATBHAI | | | | | | |
| 71 | 17PGDM007 | PATEL HARIKRISHAN PANKAJBHAI | | | | | | |
| 72 | 17PGDM008 | PATEL MOHIT BAKULBHAI | | | | | | |
| 73 | 17PGDM009 | VAJARIA YASH KAUSHIKBHAI | | | | | | |
| | | Total No. Of Students Present | | | | | | |
| | | Total No. Of Students Absent | | | | | | |
| | | Signature Of The Course Faculty / Resource Person(S) | | | | | | |
| | | Signature Of The Course Coordinator | | | | | | |
| | Session No. | Sessions Highlights / Main Points | | | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT CHARUSAT CHANGA

Signature of the Course Coordinator

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)**

## ATTENDANCE SHEET

**Course Code / Name:** Contemporary Strategic Management from Financial Perspectives - Endowment
**Course Coordinator / Resource Person:** 01-11-18 to 02-11-18 Chair

| Sr. No. | ID No.: | Name Of The Student | 1/11/18 | 2/11/18 | | | |
|---|---|---|---|---|---|---|---|
| 1 | 17MBA001 | ADROJA KRISHNA RAJESHKUMAR | | | | | |
| 2 | 17MBA003 | BHATT MRUGA KALPESHKUMAR | | | | | |
| 3 | 17MBA005 | CHAVDA JAINA VIJAYKUMAR | | | | | |
| 4 | 17MBA007 | DARJI PALAK DILIPKUMAR | | | | | |
| 5 | 17MBA009 | DAVE MEETKUMAR HITESHBHAI | | | | | |
| 6 | 17MBA011 | GHEVARIYA MAHESH BHARATBHAI | | | | | |
| 7 | 17MBA013 | GOR KUNAL DIPENDRAKUMAR | | | | | |
| 8 | 17MBA015 | HOTCHANDANI NARESH MANOHARBHAI | | | | | |
| 9 | 17MBA017 | JANGRA SAURABH DHARMVIRBHAI | | | | | |
| 10 | 17MBA019 | KAJAL NAVALKISHOR PAL | | | | | |
| 11 | 17MBA021 | KAPADIYA KRISHNA MAHESHBHAI | | | | | |
| 12 | 17MBA023 | KRUNAL NILESHKUMAR MODI | | | | | |
| 13 | 17MBA025 | MACWANA NIRAVKUMAR BHANUBHAI | | | | | |
| 14 | 17MBA027 | MANSURI HEENA IMTIYAZ | | | | | |
| 15 | 17MBA029 | MARU HIMANSHU PRAKASHBHAI | | | | | |
| 16 | 17MBA031 | MILANKUMAR PRAKASHBHAI PATEL | | | | | |
| 17 | 17MBA033 | NAGAR NIKITA SURESHKUMAR | | | | | |
| 18 | 17MBA036 | PADHIYAR MANSI GHANSHYAMBHAI | | | | | |
| 19 | 17MBA037 | PANCHAL ABHISHEKKUMAR SANJAYBHAI | | | | | |
| 20 | 17MBA039 | PANDYA NISHTHA NARENDRABHAI | | | | | |
| 21 | 17MBA041 | PANDYA YASH NITINBHAI | | | | | |
| 22 | 17MBA043 | PARMAR AKASH BABUBHAI | | | | | |
| 23 | 17MBA045 | PATEL ADARSH VASUBHAI | | | | | |
| 24 | 17MBA047 | PATEL AKASH MUKESHBHAI | | | | | |
| 25 | 17MBA049 | PATEL AMI VINITBHAI | | | | | |
| 26 | 17MBA051 | PATEL ASHITA JAYESHBHAI | | | | | |
| 27 | 17MBA053 | PATEL DEEP VINAYKUMAR | | | | | |
| 28 | 17MBA055 | PATEL DIPTIBEN SAILESHKUMAR | | | | | |
| 29 | 17MBA057 | PATEL HARDIK BHUPENDRAKUMAR | | | | | |
| 30 | 17MBA059 | PATEL HEMIN KALPESHKUMAR | | | | | |
| 31 | 17MBA061 | PATEL HIMALI PINAKIN | | | | | |
| 32 | 17MBA063 | PATEL JANKI HIRALKUMAR | | | | | |
| 33 | 17MBA065 | PATEL JAYKUMAR GIRISHBHAI | | | | | |
| 34 | 17MBA067 | PATEL KIRTAN DILIPBHAI | | | | | |
| 35 | 17MBA069 | PATEL KRUTIBEN PRAVINBHAI | | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

[1] Maintenance of Attendance Record both in the hard and soft format is compulsory for all courses. You are also required to enter the data in the E-governance system after the completion of the session(s) at any time on the same day of the session(s).

| Sr. No. | ID No.: | Name Of The Student | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | 17MBA071 | PATEL MANSI RAJNIKANTBHAI | | | | | |
| 37 | 17MBA073 | PATEL MIHIR RAJANIKANT | | | | | |
| 38 | 17MBA075 | PATEL MRUGESH MAHENDRAKUMAR | | | | | |
| 39 | 17MBA077 | PATEL NIKULKUMAR JAYANTIBHAI | | | | | |
| 40 | 17MBA079 | PATEL PAYALBEN NARESHBHAI | | | | | |
| 41 | 17MBA081 | PATEL PRUTHVI JAYKRUSHNA | | | | | |
| 42 | 17MBA082 | PATEL RAVEENA DARPANKUMAR | | | | | |
| 43 | 17MBA085 | PATEL SHASHANK ASHWINBHAI | | | | | |
| 44 | 17MBA087 | PATEL SHREYA DHARMESHKUMAR | | | | | |
| 45 | 17MBA089 | PATEL UMANG KALPESHKUMAR | | | | | |
| 46 | 17MBA092 | PATIL PRASHANT VILAS | | | | | |
| 47 | 17MBA093 | PATVA KRUPALI ALKESHBHAI | | | | | |
| 48 | 17MBA095 | PRAJAPATI JANVIBEN HARESHKUMAR | | | | | |
| 49 | 17MBA097 | RAJPUT ANIRUDDH MUKESHBHAI | | | | | |
| 50 | 17MBA099 | RASHIKA SUSHIL GOYAL | | | | | |
| 51 | 17MBA101 | RAULJI ADITYA VIMAL | | | | | |
| 52 | 17MBA103 | SAROJ WAGLE | | | | | |
| 53 | 17MBA105 | SHAH HARDIK SURESHBHAI | | | | | |
| 54 | 17MBA108 | SHAH SHWETAKUMARI RAJENDRA | | | | | |
| 55 | 17MBA111 | SHAIKH SAHID SIRAJBHAI | | | | | |
| 56 | 17MBA113 | SHARMA SHRADDHA JAGDISHKUMAR | | | | | |
| 57 | 17MBA114 | SHIVANG JANAKKUMAR TRIVEDI | | | | | |
| 58 | 17MBA115 | SINGH SWAPNIL DESHRATNASINGH | | | | | |
| 59 | 17MBA116 | SOLANKI JAYABEN JITENDRA | | | | | |
| 60 | 17MBA117 | TAILI BHARTIBEN DHARMENDRAKUMAR | | | | | |
| 61 | 17MBA118 | THAKKAR KRISHNA SHAILESHBHAI | | | | | |
| 62 | 17MBA119 | THAKKAR KRUSHAL MUKESH | | | | | |
| 63 | 17MBA120 | THAKKAR SHIVANI BIPINBHAI | | | | | |
| 64 | 17MBA121 | THAKKAR YASH JETAL | | | | | |
| 65 | 17MBA122 | UPADHYAY VAIBHAVKUMAR KAMLESHKUMAR | | | | | |
| 66 | 17MBA123 | VAGHELA NIKULKUMAR RAJENDRABHAI | | | | | |
| 67 | 17MBA124 | VANKAR MAYURIBEN MAHENDRABHAI | | | | | |
| 68 | 17MBA125 | VYAS NIDHI ANIL | | | | | |
| 69 | 17MBA126 | YEWALE APOORVA JITENDRA | | | | | |
| | | **Total No. Of Students Present** | | | | | |
| | | Total No. Of Students Absent | | | | | |
| | | Signature Of The Course Faculty / Resource Person(S) | | | | | |
| | | Signature Of The Course Coordinator | | | | | |
| | **Session No.** | **Sessions Highlights / Main Points** | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

**Signature of the Course Coordinator**

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)**

**ENDOWMENT CHAIR (EC) – KNOWLEDGE MANAGEMENT SERIES (KMS)**

## Contemporary Strategic Management from Financial Perspectives

1st November 2018 to 2nd November 2018

ATTENDANCE

| Sr.No. | Name of the Faculty | 01-11-2018 | 02-11-2018 |
|---|---|---|---|
| 1 | Ms. Reshma Sable | | |
| 2 | Mr. Arpit Patel | | |
| 3 | Dr. Pranav Desai | | |
| 4 | Mr. Rajesh Sadhwani | | |
| 5 | Ms. Kirti Makwana | | |
| 6 | Mr. Binit Patel | | |
| 7 | Mr. Snehal Bhatt | | |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

Number of Participants

Students : 137

Faculty Members : 07

Total participants : 144

# ENDOWMENT CHAIR
# "KNOWLEDGE MANAGEMENT SERIES"
# NOVEMEBER 1-2, 2018

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**
**FACULTY OF MANAGEMENT STUDIES (FMS)**
**INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (I²IM)**

# ENDOWMENT CHAIR
# *"KNOWLEDGE MANAGEMENT SERIES"*
# EVENT REPORT

## ❖ Preamble

Charotar University of Science and Technology (CHARUSAT) has a vision of becoming a World class university by committing itself for development of its teachers, attracting world class faculty, fostering research and innovation, imbibing constant innovations in pedagogy, benchmarking with best practices of the world. In view of these aspirations, CHARUSAT has initiated establishment of Endowment Chair for each of the university's faculties.

Endowment Chair of Faculty of Management Studies (FMS) has been established on September 21, 2013. The ***Endowment Chair*** is established with the purpose of promoting excellence in Department/ Institute / Faculty.

This may entail:
a. Inviting distinguished professors of National and International repute.
b. Promoting research and innovation
c. Organising seminar/ workshop/ other such activities.
d. Extension activities for benefit of the society.
e. Any other activity which may be approved by the Provost.

## ❖ Objective of the Seminar

***KNOWLEDGE MANAGEMENT SERIES (KMS)*** aims to invite prominent persons with academic / industry experience across spectrum so as to provide in-depth knowledge/ exposure to students, faculty members in particular and all other participants in general.

## Endowment Chair - Knowledge Management Series (2018-19)
## Theme: *"Contemporary Strategic Management from Financial Perspectives"*

| | |
|---|---|
| **Name of the Resource Person** | Prof. (Dr.) RamKrishna Vyas |
| **Designation** | • Former Dean, Faculty of Management, Devi Ahilya (DA) University, Indore<br>• Former Director, IIPS, DA University, Indore |
| **Experience** | 40 Years |
| **Topics of Seminar** | Contemporary Organizational Strategies from the Financial Perspectives<br>B-School and Scope of Innovative Student Projects<br>Analysis of Financial Statement<br>Academic Writing / Research Paper Publications |
| **Date** | November 01-02, 2018 |
| **Time** | 11:00 AM to 4:15 PM |
| **Audience / Group** | MBA Students and Faculty Members, Research Scholars |

## ❖ Resource Person



Dr. Ramkrishna Vyas is dedicated management educator previously he served as EC-Member, Dean and professor in Management at International Institute of Professional Studies (IIPS) Devi Ahilya University (DAVV) Indore MP, INDIA. He is highly appreciated & recognized professor for innovation in program development, instruction and administration to meet the needs of a broad range of management education at the University level.

He is effective communicator, writer, administrator and student adviser/counselor. He is directing research work in the area of Strategic Management in general and Banking Industry in particular. He has worked with a Nationalized Bank with high integrity for 8+years on various managerial positions. He is Chartered Engineer with focused experience in industry. He is providing services as management and engineering consultant to local companies for project financing & energy audit. He is NAAC-UGC Assessor and Pear Team Member since 2009. He is External Member of University of Wales, UK. He is Subject expert at various symposium, conferences and Workshops.

## ❖ Schedule

<table>
<tr><th>Day / Time</th><th>11:00 am – 12:00 pm</th><th>12:05 pm – 12:55 pm</th><th>01:05 pm – 03:10 pm</th><th>03:15pm - 04:15pm</th></tr>
<tr><td rowspan="2">November 1, 2018</td><td colspan="2">Meeting with CHARUSAT Executives</td><td>Contemporary Organizational Strategies from the Financial Perspectives</td><td>B-School and Scope of Innovative Students Projects</td></tr>
<tr><td colspan="2">Dr. Pankaj Joshi,<br>Provost, CHARUSAT<br>Dr. H J Jani | Dr. B G Patel<br>Dr. Devang Joshi | Others</td><td>MBA / PGDM Semester – III (2017-19)</td><td>Interaction with Faculty Members of I²IM</td></tr>
<tr><td rowspan="2">November 2, 2018</td><td colspan="2">Analysis of Financial Statement</td><td rowspan="2">Interactions with the Research Scholars Academic Writing / Research Paper Publications</td><td rowspan="2">Open Interaction / Review / Feedback / Valedictory Session</td></tr>
<tr><td colspan="2">MBA / PGDM Semester – I (2018-20)</td></tr>
</table>

## ❖ Session Details

The Knowledge Management Seminar (KMS) was held for 2 days wherein Dr. RamKrishna Vyas addressed the financial perspectives from the Contemporary Organizational Strategies point of view. He further interacted with the faculty members regarding the various B-Schools and the scope of innovative projects for students. He further gave a session on analysing the financial statement to First Year students of MBA Programme. Lastly, he interacted with various Research Scholars regarding Academic Writing and Research Paper Publications. The session wise details is as follows:

| Day 1: November 01, 2018 | |
|---|---|
| **Sessions** | **Topics Covered** |
| ***Session 1***<br>***Contemporary Organizational Strategies from the Financial Perspectives***<br>**Time: 01:05 pm – 03:10 pm**<br>**Audience: MBA / PGDM Semester – III** | ↓ Contemporary Organizational Strategies<br>↓ Financial Perspectives<br>↓ Alignment of Financial Perspectives with Contemporary Organizational Strategies |
| ***Session 2***<br>***B-School and Scope of Innovative Students Projects***<br>**Time: 03:15 pm – 04:15 pm**<br>**Audience: *Faculty Members of I²IM*** | ↓ Students centric learning<br>↓ Why Innovation Matters in Education?<br>↓ Creative thinking<br>↓ Innovating Education and Educating Innovation |

| Day 2: November 02, 2018 | |
|---|---|
| **Sessions** | **Topics Covered** |
| ***Session 3***<br>***Analysis of Financial Statements***<br>**Time: 11:20 am – 12:55 pm**<br>**Audience: MBA / PGDM Semester – I** | ↓ How to analyse Financial Statement?<br>↓ Income Statement Analysis<br>↓ Balance Sheet and Leverage Ratios<br>↓ Cash Flow Statement Analysis<br>↓ Rates of return and profitability analysis |
| ***Session 4***<br>***Academic Writing / Research Paper Publications***<br>**Time: 01:05 pm – 03:10 pm**<br>**Audience: Research Scholars** | ↓ Modern Trends in Research<br>↓ Growing Advancement in Research<br>↓ Features of Academic Writing<br>↓ Writing high quality Research Paper |

INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT ★ CHARUSAT CHANGA

Event Photograph



**Endowment Chair – KMS – Contemporary Strategic Management from Financial Perspective - 01-Nov-2018 to 02-Nov-2018**



**Endowment Chair – KMS – Contemporary Strategic Management from Financial Perspective - 01-Nov-2018 to 02-Nov-2018**

CHARUSAT

**Dr. Krunal Kachhia <krunalkachhia.maths@charusat.ac.in>**

# Fwd: DKT-BS_PDPIAS - Invitation to edit

1 message

**Kiran Patel** <kiranpatel.bio@charusat.ac.in> Thu, Sep 3, 2020 at 1:39 PM
To: "Dr. Krunal Kachhia" <krunalkachhia.maths@charusat.ac.in>

---------- Forwarded message ---------
From: **Chirayu Desai (via Google Sheets)** <chirayudesai.bt@charusat.ac.in>
Date: Thu, Apr 25, 2019 at 6:37 PM
Subject: DKT-BS_PDPIAS - Invitation to edit
To: <pdpiasbiologicalsciencesfaculties@charusat.ac.in>
Cc: <chirayudesai.bt@charusat.ac.in>, <gayatridave.bt@charusat.ac.in>

Chirayu Desai has invited you to **edit** the following spreadsheet:

DKT-BS_PDPIAS

Dear All,

We have a mandatory requirement of undertaking a Domain Knowledge Training during Summer Vacation 2019.

As instructed by Head, Biological Sciences we are planning to organize an in-house Biological Sciences-Domain Knowledge Training Program with Tentative Dates: 13-17 May, 2019.

Please find attached herewith the spreadsheet to fill out your willingness to participate, domain area of interest and suggestions on the names of available external experts (preferably within Gujarat). Each faculty has to suggest at least one expert who will be available during 13-17 May 2019.

Please do the needful by 27/04/2019 for all of us to plan the BS_DKT.

With warm regards,
Chirayu

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To post to this group, send email to pdpiasbiologicalsciencesfaculties@charusat.ac.in.
To view this discussion on the web visit https://groups.google.com/a/charusat.ac.in/d/msgid/pdpiasbiologicalsciencesfaculties/0000000000007d3dff05875a80c7%40google.com.

--

**Dr. Kirankumar Patel,**
Assistant Professor,
P. D. Patel Institute of Applied Sciences

# Faculty Domain Knowledge Training Program

## (Biological Sciences)

**Theme: Hands- on Training of Sophisticated Analytical instrumentation**

**13-17 May, 2019**

## List of Participants

| Sr. No | Name |
|---|---|
| 01 | Dr. Palash Mandal |
| 02 | Dr. Gayatri Dave |
| 03 | Dr. Bhavtosh Kikani |
| 04 | Dr. Anamika Jha |
| 05 | Dr. Mandar Kulkarni |
| 06 | Dr. Chirayu Desai |
| 07 | Dr. Seema Amin |
| 08 | Dr. Tapan Patel |
| 09 | Dr. Neeraj Jain |
| 10 | Dr. Anoop Markande |
| 11 | Dr. Janki Patel |
| 12 | Dr. Janki Thakkar |

**REPORT ON**
**FACULTY DOMAIN KNOWLEDGE TRAINING PROGRAM (BIOLOGICAL SCIENCES)**
**05 DAY FDKTP**
**THEME: HANDS-ON TRAINING OF SOPHISTICATED ANALYTICAL INSTRUMENTATION**
**PROGRAM DATES: 13-17 MAY, 2019**

**Organized by**
**Department of Biological Sciences,**
**P. D. Patel Institute of Applied Sciences (PDPIAS),**
**Charotar University of Science & Technology (CHARUSAT)**
**In association with**
**Dr. K. C. Patel R&D Centre (KRADLE), CHARUSAT**

A 05 Day Faculty Domain Knowledge Training Program was organized for the Department of Biological Sciences staff members during Summer Vacation-2019 from 13-17, May 2019. Scientific experts on various analytical instrumentation from JEOL India Pvt. Ltd., P. D. Patel Institute of Applied Sciences, CHARUSAT and Dr. K. C. Patel R&D Centre, CHARUSAT were invited as resource persons. Participants were given training on the detailed fundamental principles and were also given hands-on working experience for analyses of their research samples on the following sophisticated instruments: Scanning Electron Microscopy (SEM), High-Performance Liquid Chromatography (HPLC), Fourier Transform Infrared Spectroscopy (FTIR) and X-ray diffraction (XRD). The program outline and session details are attached with this report.

A total of 10 faculty members of the Department of Biological Sciences participated in all of the sessions of the program and are highly satisfied with the overall hands-on and concept-based training experience as evident from their feedback forms (attached with this report). The learning outcomes of the FDKTP training have been immensely helpful to the participant faculty members, as a result of which many staff members of the Department of Biological Sciences, PDPIAS have started using the sample preparation methods, analytical methods and the instrumentation learnt in this FDKTP training for the benefit of their own research work. The participants have also suggested to organize such type of concept-based, technical and experience (hands-on)-based training sessions in the future for the benefit of their ongoing research projects.

**Programme Co-ordinators:**

Dr. Gayatri Dave,
Head, Department of Biological Sciences,
P. D. Patel Institute of Applied Sciences
Charotar University of Science & Technology

Dr. Chhayu Desai,
Assistant Professor,
Department of Biological Sciences,
P. D. Patel Institute of Applied Sciences
Charotar University of Science & Technology

| ***Faculty Domain Knowledge Training Program (Biological Sciences)*** <br> ***Theme: Hands-on Training of Sophisticated Analytical Instrumentation*** | |
|---|---|
| **Dates: 13-17 May, 2019** | |
| **Programme Outline** | |
| **May 13, 2019** | |
| **Time** | **Programme Details** |
| 09.10 a.m. | Reporting at KRADLE, PDPIAS |
| 09.15 a.m. to 12.15 p.m. | ***Fundamentals of Scanning Electron Microscopy (SEM) by Mr. Jotiba Kokitkar, JEOL India Pvt. Ltd. Mumbai.*** |
| 01.30 p.m. to 04.00 p.m. | ***Demonstration of Scanning Electron Microscopy by Mr. Jotiba Kokitkar, JEOL India Pvt. Ltd. Mumbai.*** |
| **May 14, 2019** | |
| **Time** | **Programme Details** |
| 09.10 a.m. | Reporting at KRADLE, PDPIAS |
| 09.15 a.m. to 12.15 p.m. | ***Hands-on Training on Scanning Electron Microscopy (SEM)*** <br> *Handling of SEM by individual faculty members* <br> ***(Under supervision of Mr. Jotiba Kokitkar, JEOL India Pvt. Ltd. Mumbai).*** |
| 01.30 p.m. to 04.00 p.m. | ***Hands-on Training on Scanning Electron Microscopy (SEM)*** <br> *Handling of SEM by individual faculty members* <br> ***(Under supervision of Mr. Jotiba Kokitkar, JEOL India Pvt. Ltd. Mumbai).*** |
| **May 15, 2019** | |
| **Time** | **Programme Details** |
| 09.10 a.m. | Reporting at Sophisticated Instrumentation Laboratory, PDPIAS (Lab No. 220) |
| 09.15 a.m. to 12.15 p.m. | ***Fundamentals of High-Performance Liquid Chromatography by Dr. Vaibhav Patel.*** |
| 01.30 p.m. to 04.00 p.m. | ***Hands-on Training on High-Performance Liquid Chromatography*** <br> *Handling of HPLC system by individual faculty members* <br> (**Under supervision of Dr. Vaibhav Patel, Department of Chemistry, PDPIAS**). |
| **May 16, 2019** | |
| **Time** | **Programme Details** |
| 09.10 a.m. | Reporting at KRADLE, PDPIAS |
| 09.15 a.m. to 12.15 p.m. | ***Fundamentals of Fourier Transform Infrared Spectroscopy (FTIR) by Dr. Mitesh Patel, KRADLE, PDPIAS.*** |
| 01.30 p.m. to 04.00 p.m. | ***Hands-on Training on Fourier Transform Infrared Spectroscopy (FTIR)*** <br> *Handling of HPLC system by individual faculty members* <br> (**Under supervision of Dr. Mitesh Patel, KRADLE, PDPIAS**). |
| **May 17, 2019** | |
| **Time** | **Programme Details** |
| 09.10 a.m. | Reporting at KRADLE, PDPIAS |
| 09.15 a.m. to 12.15 p.m. | ***Fundamentals of X-ray diffraction (XRD) by Dr. Kinnari Parekh, KRADLE, PDPIAS.*** |
| 01.30 p.m. to 04.00 p.m. | ***Hands-on Training on X-ray diffraction (XRD)*** <br> *Handling of XRD by individual faculty members* <br> (**Under supervision of *Dr. Kinnari Parekh*, *KRADLE, PDPIAS***). |

## Photographs of the Event:

Faculty Domain Knowledge Training Program (Biological Sciences)
Theme: Hands-on Training of Sophisticated Analytical Instrumentation
Dates: 13-17 May, 2019





CHARUSAT

Kamesh Baskaran <kameshbaskaran.rnd@charusat.ac.in>

# Installation and demonstration of IBright FL1000 imaging system

1 message

**Bragadish Iyer** <bragadish.as@charusat.ac.in> Fri, May 17, 2019 at 11:11 PM
To: PDPIAS <pdpias@charusat.ac.in>, Kinnari Parekh <kinnariparekh.rnd@charusat.ac.in>, Kamesh Baskaran <kameshbaskaran.rnd@charusat.ac.in>, Vanaraj Solanki <vanarajsolanki.rnd@charusat.ac.in>, Anjana Kothari <anjanakothari.rnd@charusat.ac.in>, Atanu Banerjee <atanubanerjee.rnd@charusat.ac.in>
Cc: Principal PDPIAS CHARUSAT <principal.pdpias@charusat.ac.in>

Dear All,

We are pleased to inform that the iBright™ FL1000 Imaging System (ThermoFisher Scientific) has been procured for Bhartiben and P R Patel Biological Research Laboratory (Room No. 110, PDPIAS). The installation and demonstration of the use of above imaging system is scheduled on 20.05.2019 (Monday) from 10.00 am inwards.

iBright™ FL1000 can capture images and analyze data from fluorescent western blots and chemiluminescent western blots, in addition to stained protein and nucleic acid gels.

Those who are interested can participate in the above demonstration session.

With Regards,

Bragadish Iyer

--
Dr. Bragadish Iyer
Assistant Professor
Biotechnology
P D Patel Institute of Applied Sciences
Charotar University of Science and Technology
Changa

## List of Participants (Installation and demonstration of IBright FL1000 imaging system)

| Sr. No. | Name | Department | |
|---|---|---|---|
| 1 | Dr Neeraj Jain | Biological Sciences | Teaching Staff |
| 2 | Dr Gayatri Dave | Biological Sciences | Teaching Staff |
| 3 | Dr Bragadish Iyer | Biological Sciences | Teaching Staff |
| 4 | Dr Kamesh VB | KRADLE | Research Scientist |
| 5 | Mr. Rohit Rathan | Biological Sciences | Research Scholar |
| 6 | Dr Nilesh Pandey | Biological Sciences | Research Scholar |
| 7 | Dr Alex Chauhan | Biological Sciences | Research Scholar |
| 8 | Mr Anand Bhardwaj | Physical Sciences | Research Scholar |
| 9 | Dr Dijit Patel | Chemical Sciences | Teaching Staff |
| 10 | Dr Seema Amin | Biological Sciences | Teaching Staff |
| 11 | Ms. Kirti Parwani | Biological Sciences | Research Scholar |
| 12 | Ms. Vidhi Bhatt | Biological Sciences | Research Scholar |

(Dr. Kamesh Viswanathan Baskaran)

# Installation cum Demonstration of Imaging analysis iBright Thermo Scientific (a.k.a - chemidoc)

# Bhartiben and PR Patel Biological Research Laboratory (UK)

## Venue: Room No 110, PDPIAS Building, CHARUSAT

**Brief**

iBright Thermo Scientific was officially purchased under Bhartiben and PR Patel Biological Research Laboratory (UK) in this year - 2019. The instrument was delivered on 08/04/2019 and 03/05/2019. The following items with the instrument are given below and Installed. Installation of the iBright instrument was carried on 07/05/2019 and made readily available for application demonstration. The installation was carried out by Mr Dhaval Patel & Bhautik Sakhiya, Service Engineer, Thermo Scientific, Mumbai, India

| S.No | Name of the Item | Quantity | Job Status |
|---|---|---|---|
| 1. | iBright FL 1000 imaging system - A32752, iBright White Screen – A33828 | 1 each | Installed |
| 2. | Power Blotter welcome pack bundle – PB0112 Following sub-items with the pack are Power blotter with power plug - PB0010, Power blotter cassette - PB0002, 5x Transfer Buffer - PB7300 | 1 each | Installed |
| 3. | Surecast Gel Handcast bundle B Kit – HC1000S Following sub-items with the pack are | 2 | Installed |
| 4. | Mini Gel Tank with roller and metal scoop - A25977 | 1 | Installed |

| | | | |
|---|---|---|---|
| 5. | Better Power Make online UPS: 3kVA, DC Volt: 96 V – BP1103L8 | 1 | Installed |
| 6. | Exide make SMF battery capacity: 12V-26Ah | 8 | Installed |
| 7. | UPS rack and connecting cables – Rack26Ah8B | 1 | Installed |
| 8. | Nitrocellulose membrane Regular size - PB3310 | 10 | Installed |
| 9. | Precut nitrocellulose membrane – PB7320 | 20 | Installed |
| 10. | Sure Cast glass plates - HC1001 | 2 sets | Installed |
| 11. | Sure Cast Gel Spacer - HC1003 | 10 | Installed |
| 12. | Sure Cast gel combs (10,12 & 15 well) – HC1005 | 2 for 10, 12 & 15 well combs | Installed |
| 13. | Sure Cast 12 Well multi-use tool – HC1012 | 1 | Installed |
| 14. | Sure Cast 15 Well multi-use tool – HC1015 | 1 | Installed |
| 15. | Sure Cast 10 Well multi-use tool – HC1010 | 1 | Installed |

Demonstration was held on 20/05/2019 and it was circulated to the PDPIAS & KRADLE. From Company, three people have visited, and their names are given below, explained the demonstration about the imaging system and power blotter.

1. Dr Amanda Gomes, Application Scientist, Thermo Scientific, Mumbai, India
2. Dr Depankar, Product Specialist, Thermo Scientific, Ahemdabad, India
3. Mr Kiran Kadam, Marketing Manager, Thermo Scientific, Ahemdabad, India

A sample band test was held on that to check the quality of image and how to quantitate the image band using iBright software. They also explained about the free software present in the Thermo Scientific Website and can be downloaded. They also provide the free 1 TB cloud database storage for each user at free of cost. The power blotter was demonstrated cum tested with protein transfer using ponceau staining. In this event, total participants were 12, in which

6 faculties from PDPIAS & KRADLE and 6 research scholars from PDPIAS. The product and event photos are given below. Software is also installed in the PC attached to the instrument. File transfer from instrument to PC will be carried out by ethernet local connection network and analysis can be done in software or freely available software in Thermo Scientific website. User manual, Standard Operating Procedure (SOP) and logbook was prepared and kept in the instrument desk.




**iBright Imaging System with UPS at Bhartiben and PR Patel Biological Research Lab**



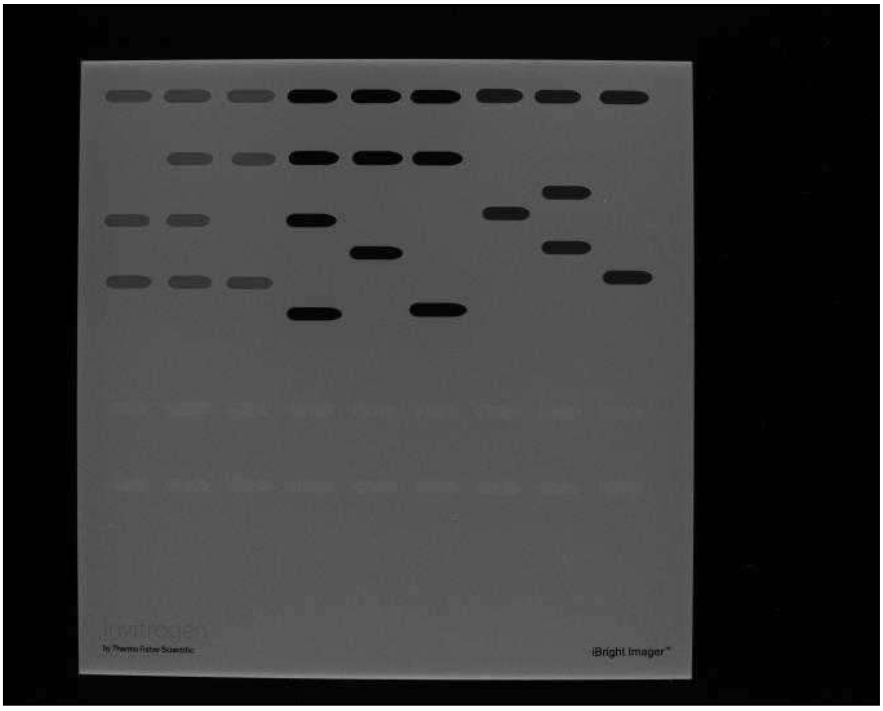

**Accessories items with the power blotter and mini gel tank at Bhartiben and PR Patel Biological Research Lab**



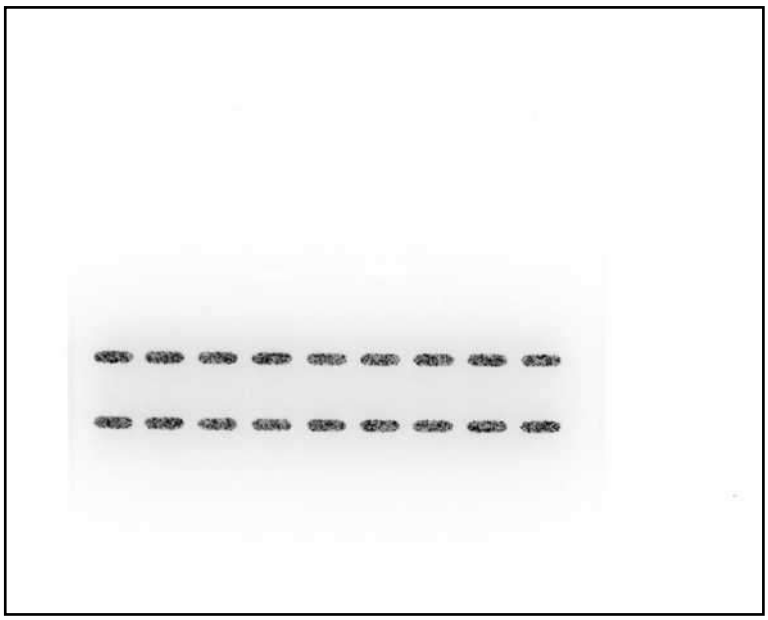
**Demonstration of Protein transfer (Real Time) and explanation to the participants by Thermo Scientific Person**



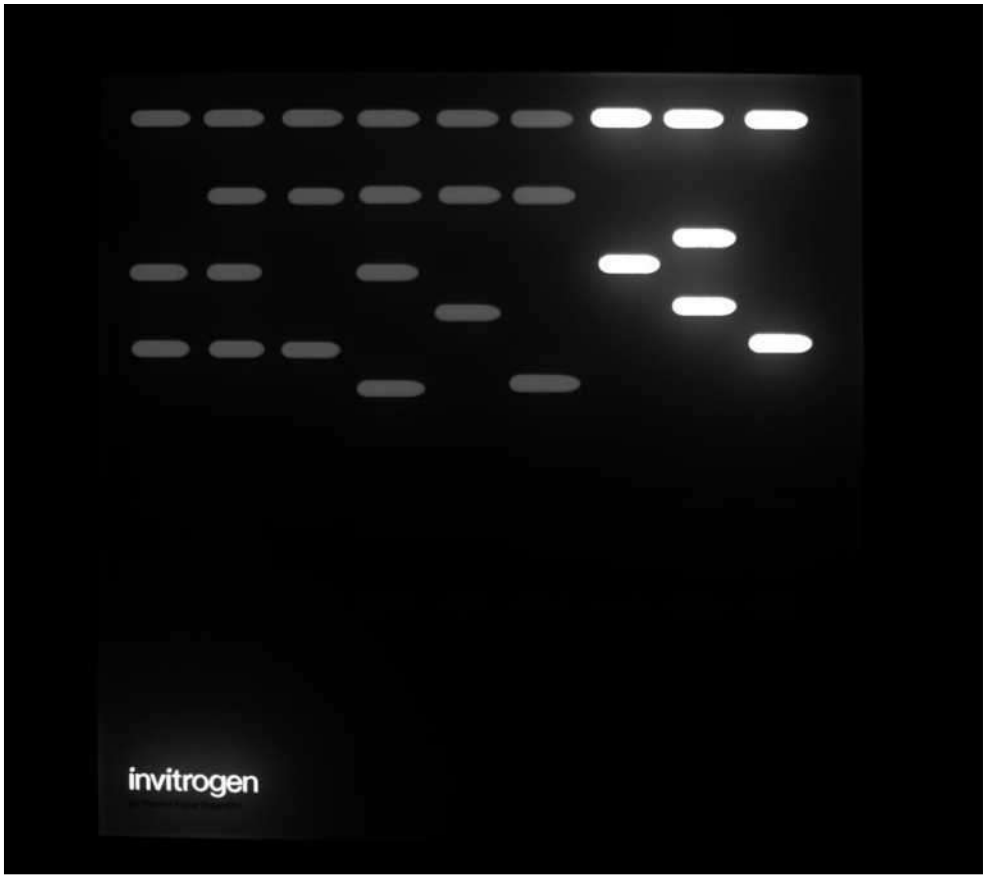
**Demonstration of Gel imaging (Real Time) and explanation to the participants by Thermo Scientific Person**



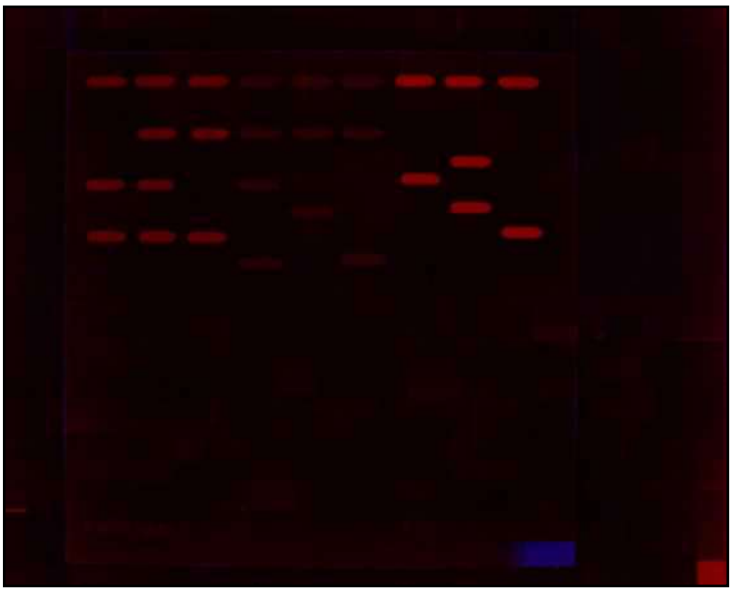

**Band Imaging on Membrane demo bands by Thermo Scientific**



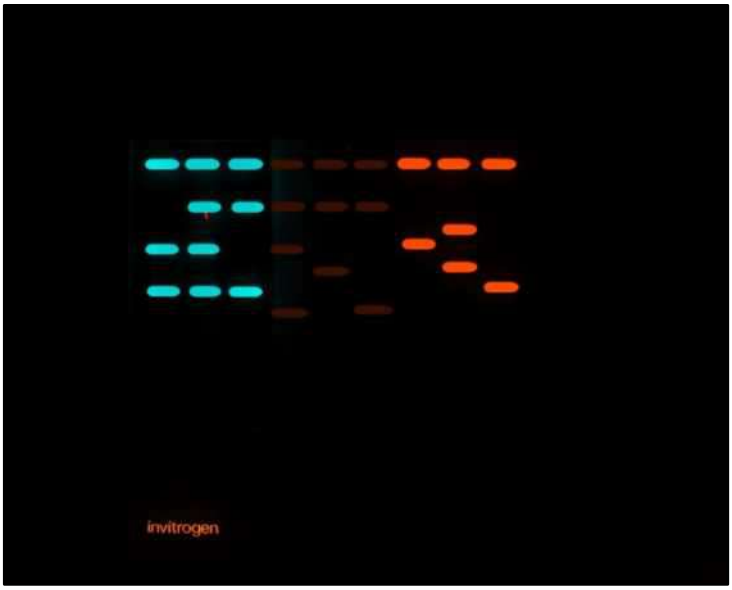
**Normal band view demo bands by Thermo Scientific**



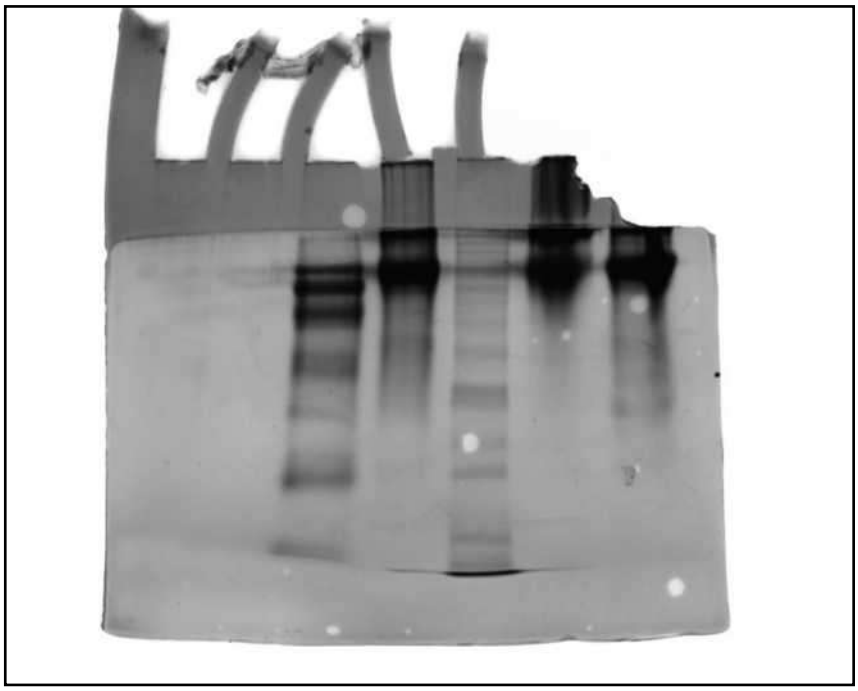

**DNA Gel demo bands by Thermo Scientific**



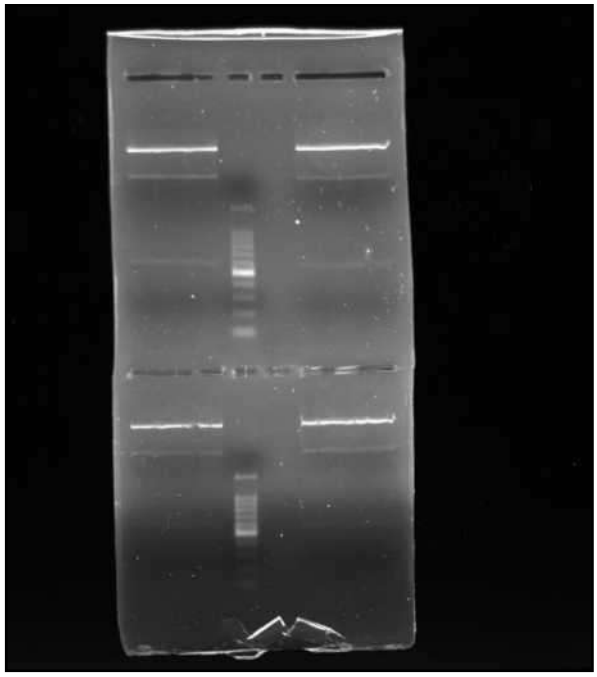
**Chemiluminescent imaging 1 by demo bands by Thermo Scientific**




**Chemiluminescent imaging 2 by demo bands by Thermo Scientific**



**Protein gel bands with Coomasie Blue carried out by research scholar**



**DNA gel imaging by Ethidium Bromide without UV light in this instrument carried out by research scholar**

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•Accredited with "Grade A" by KCG

# Dr. K C Patel Research & Development Centre (KRADLE)

CHARUSAT
Dr. K.C.Patel R & D Centre
KRADLE

## HANDS-ON Solar Training on Photovoltaics HAST-PV

**Batch Slot: 13-15 May 2019 20-22 May 2019 27-29 May 2019**

CHARUSAT is established with a vision to become dynamic global institution in the knowledge economy through excellence and impact of teaching, research and social contribution. It follows the mission to serve the society by striving to transform it through creation, augmentation, dissemination and perpetuation of knowledge. **CHARUSAT is Accredited with A Grade by National Assessment and Accreditation Council (NAAC).**

Solar Photovoltaics (SPV) is direct conversion of sunlight into electricity by using solar cells. SPV can supply sufficient green electricity to cater our escalating energy demand while safeguarding environment. India is fortunate to be blessed with ample solar energy with large areas of Gujarat and Rajasthan receiving highest solar radiation in the world. Thus SPV is now seen as a viable alternative for generation of clean electricity.

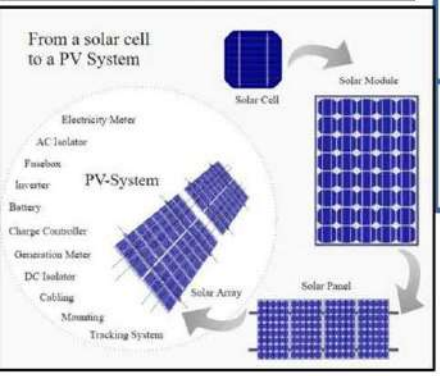
The broad aim of the Ministry of New and Renewable Energy (MNRE) is to develop and deploy renewable energy for supplementing the power requirements of the country. Recently, Govt. has launched phase-II of Grid connected Rooftop solar program to achieve cumulative capacity of 40,000 MW from Rooftop solar projects by 2022.

In view of the national need, **Dr. K C Patel R & D Centre (KRADLE)** has started a series of short-term training program emphasizing **"HANDS-ON Solar Training on Photovoltaics (HAST-PV)".** The program is a blend of outdoor experiments along with class room activity.

**Limited number of participants will be registered on first – cum – first basis:-15 per batch**

## Topics of the training program






- Use of Solar PV Panel through I-V & P-V curves
- Effect of Tilt angle on PV Module power
- Effect of Shading on module output power
- To understand working of bypass and blocking diode

Send your interest to e-mail given below:
hastpv.kradle@charusat.ac.in






**Registration fee: Rs. 1,000/- cash.**
**Registration includes Training Manual, Kit, Lunch and refreshment**

# List of Participants (HAST-PV Training Programme)

| Sr. No. | Name | Department | |
|---|---|---|---|
| 1 | MEHTA RAJVI | Physical Sciences | Student |
| 2 | PATEL HIMA HIMMAIBHAI | Physical Sciences | Student |
| 3 | TRIPATHI VIDHI PARESHKUMAR | Physical Sciences | Student |
| 4 | KARI FASIHA M. SIDDIQUE | Physical Sciences | Student |
| 5 | CHARAN SAMINI OMPRAKASH | Biological Sciences | Student |
| 6 | PATEL URVESHKUMAR HARSHADKUMAR | Electrical Engineering | Non-teaching staff |
| 7 | PRAGNESH N PATEL | Electrical Engineering | Non-teaching staff |
| 8 | PATEL KALPESH RAMBHAI | Electrical Engineering | Non-teaching staff |

(Kalleshviswanathan Baskaran)

# Report On HAST-PV Training Program

# Held on 13th – 15th May, 2019

# at Dr KC Patel Research and Development Centre,

# Charotar University of Science & Technology

## Summary

India is one of the members in Paris global climate agreement, preferring on alternative renewable solar energy for power production in our country. Currently, we depend highly on Thermal power, which is a major source of polluter. Ministry of New and Renewable Energy, Government of India has installing the mega solar power plant in various places and partnering with Indian companies. Still, there are pitfalls in Solar power production such as lower efficiency and higher cost. In this point of view, Dr KC Patel Research and Development Centre was organized Hands-on Solar Training on Photovoltaics conducted on $13^{th} – 15^{th}$ May, 2019. The programme helps in culturing the basic principles of solar photovoltaics, operation of the solar panel and recent trends & future development on Solar research.

The overall program was coordinated by Dr Kinnari Parekh, Dr Anjana Kothari, Dr Vanaraj Solanki, Dr Kamesh Viswanathan Baskaran and Dr RV Upadhyay. The instrument was available at our centre, which is manufactured from Ecosense Insight Solar Training Kit. There are four experiments were conducted during this event such as Experiment's 1) I-V and P-V curve, 2) Series and Parallel, 3) Effect of Tilt angle & 4) Effect of Shading. All the participants were given with experimental manual for their record observation of training program. All the coordinators explained about the introduction on solar photovoltaics, theory & research of photovoltaics, briefing about the operation of solar panel instrument, practical exposure of instrument in the outside sunny environment (all day long), online working solar panel installed at PDPIAS building and explaining about the software monitoring, questioning & answering of the experiments and finally, motivating the students and faculty for solar research along with training certificate.

The total number of participants is eight, five from PDPIAS students, which is four students from Physical Science and one from Biological Science and three from Electrical Engineering Faculties. We have received the feedback of the participants mentioning, the event was very productive and useful for them. They were able to understand all the concepts like efficiency, temperature effect, shading effect, tilting effect, etc. Participants insisted for the longer duration of the programme, so that they can cover for other research-based experiments. The total expenses was ₹ 2,838 and total registration collection was ₹ 8,000, in which we have spent for cap, certificate and miscellaneous items.

**Day 1 – 13th, May, 2019**

1. **Introduction on Solar Photovoltaics Class**



2. **Briefing the Solar Panel for principle, operation and measurement of data for I-V and P-V experiments**



3. **Students carrying out Field Experiment by covering the Solar Panels for shading effect experiments**



**Day 2 – 14th May, 2019**

1. **Students carrying out Field Experiments for Tilt angle experiments on Solar Panels**



2. **Group of Faculties carrying out the Field Experiments by adjusting with different angles and collecting the data**



3. **Prof. RV Upadhyay interacting with Students during field experiment**



**Day 3 – 15th May, 2019**

1. **Students and Faculty validating the solar control panel with multimeter instrument**




2. **Participants were asked to explain about the experiments performed for 3 days**



3. **Participants Visit at Online working solar panel installed in PDPIAS building**



4. **Certificate Distribution by Prof. RV Upadhyay to participants**



## 5. Group Photograph with Coordinators and Participants






3.3.2 (1) 2018-19

CHARUSAT

Mandar Kulkarni <dilipmandar.bio@charusat.ac.in>

# Invitation to the fourth lecture of SS Bhatnagar Lecture Series to be held on 22nd September 2018

1 message

**Dr. Palash Mandal** <palashmandal.bio@charusat.ac.in> Thu, Sep 20, 2018 at 10:06 AM
To: Charusat Family <charusatfamily@charusat.ac.in>
Cc: "Dr. R M Patel" <rmpatel.aoc@charusat.ac.in>, Registrar CHARUSAT <registrar@charusat.ac.in>, Principal PDPIAS CHARUSAT <principal.pdpias@charusat.ac.in>, Principal RPCP CHARUSAT <principal.rpcp@charusat.ac.in>, Principal ARIP <principal.arip@charusat.ac.in>, Principal CIPS <principal.cips@charusat.ac.in>, mukeshkuamr yadav <mukeshyadav.adm@charusat.ac.in>, "Dr. Harish Desai" <harishdesai.adm@charusat.ac.in>

Dear All,

Greetings from Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat!

This is a gentle reminder! You will be happy know that fourth lecture of SS Bhatnagar series is going to be organized on **September 22, 2018**. The speaker for the said lecture is Dr. Subhendra Nath Bhattacharya, Principal Scientist and Head of Molecular Genetics Division of CSIR-IICB, Kolkata.

CHARUSAT CHARUSAT

## Charotar University of Science and Technology

Invites you to the fourth lecture
of

## S S BHATNAGAR LECTURE SERIES PROGRAMME

To be delivered by



## Dr. Subhendra Nath Bhattacharyya,
## IICB Kolkata

on

**Mighty Regulation of a Tiny Regulator: miRNA-mediated Gene Expression Control in Mammalian Cells and Tissue**

Venue: CHARUSAT Auditorium, PDPIAS Building Date: 22/09/2018 Time: 10:00 AM

The abstract of the talk and the brief bio-data of the speaker is attached herewith for your information.

We are coordinately invite for the same.
All Science loving Teaching Faculties, Research Scientists, PhD students, PDFs are requested to remain present to attend the lecture.

You can find more details on the following link

http://iicb.res.in/suvendra-nath-bhattacharyya/

The utmost beneficiaries of his lecture as well as interactions are the researchers in the life sciences, Pharmacy, Paramedical, Physiotherapy, Nursing as well as Bio-engineering departments.

He will be visiting the research labs in our campus after the talk. Please feel free to volunteer for any scientific discussions with him. Therefore, we are making a special invitation to all the interested Faculties, researchers of these departments to have fruitful individual interaction.

**Note: Kindly occupy your seat at 9:45 A.M.**
Thank you very much in anticipation.

**Coordintaor: Dr. Bhaskar Borah, PDPIAS**

**Regards,**
**Dr. Palash Mandal**

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Dr. Palash Mandal
Associate Professor, Department of Biological Sciences
P. D. PATEL INSTITUTE OF APPLIED SCIENCES (PDPIAS)
Tel: +9102697-265194; Fax: +9102697-247100
Mob: +91 9666164654
Email: palashmandal.bio@charusat.ac.in; palash73@hotmail.com
Web: http://210.212.137.194:85/charusat/CIAS_UI/Content.aspx?ID=10&pOpen=3
Room no. 313, Biological Sciences, PDPIAS, CHARUSAT,
Changa, Anand-3888421, Gujarat, India
• ACCREDITED WITH "A" GRADE BY NAAC, GOI
• ACCREDITED WITH "A" GRADE BY KCG, GOG

Please think before you print.

---

**2 attachments**

**Abstact of Lecture by Subhandra Bhattacharya (1).pdf**
407K

**BioData Of Subhendra Nath Bhattacharyya (1).pdf**
155K

# P D Patel Institute of Applied Sciences
# Charotar University of Science and Technology

## Event Report
### S S Bhatnagar memorial lecture series

**Seminar topic:** Mighty regulation of a tiny regulator: miRNA-mediated gene expression control in mammalian cells and tissue
**Category:** Research methodology
**Date:** 22 September 2018
**Number of participants:** 211
**Resource person:** Dr. Subhendra Nath Bhattacharyya, IICB, Kolkata

This SS Bhatnagar memorial lecture was delivered by Dr. Suvendranath Bhattacharyya, Principal Scientist, CSIT-Institute of Chemical Biology, Kolkata on September 22, 2018. He talked about mighty regulation on a tiny regulator and miRNA-mediated gene expression control in mammalian cells and tissues. His talk was attended by around 175 students and 35 faculties from various departments. The lecture was very interactive with several discussions with the audience and the speaker.

Dr. Bhattacharyya spent the day in CHARUSAT campus. During his stay, he visited several research labs in PDPIAS and interacted with the research scholars from biological sciences and pharmacy departments. He also had a discussion with the Provost where they discussed about possible collaboration with his research group and the faculties from CHARUSAT.

**List of attendees**

| Sr. No. | Name of attendees | ID number (if applicable) |
|---|---|---|
| | **M.Sc. Students** | |
| 1 | Balai Deepak Mohanlal | 17AOC001 |
| 2 | Bhatt Jaykumar Sanjaybhai | 17AOC002 |
| 3 | Bhoi Vipulkumar Maheshbhai | 17AOC003 |
| 4 | Darji Bhargavkumar Prakashchandra | 17AOC004 |
| 5 | Adam Elias | 17AOC005 |
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| 9 | Mistry Sweta Prakashchandra | 17AOC009 |
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| 11 | Pandya Vedant Dipakkumar | 17AOC011 |
| 12 | Paneri Radha Vijaybhai | 17AOC012 |
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| 37 | Ahir Hitesh Maganbhai | 17PHY001 |
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| 92 | Patel Mrunaliben Vasantbhai | 17MI027 |
| 93 | Patel Nidhi Vinilkumar | 17MI028 |
| 94 | Patel Priyankaben Arvindbhai | 17MI029 |
| 95 | Patel Rushika Pinakin | 17MI030 |
| 96 | Patel Tarjani Hiteshkumar | 17MI031 |
| 97 | Patel Urja Ramubhai | 17MI032 |
| 98 | Patel Vaidehi Lalendrakumar | 17MI033 |
| 99 | Patel Vrusikaben Ashokbhai | 17MI034 |
| 100 | Prajapati Amiben Satishbhai | 17MI035 |

| 101 | Punwar Payalkumari Kiransinh | 17MI036 |
|---|---|---|
| 102 | Rajani Army Ashvinkumar | 17MI037 |
| 103 | Ramani Chirag Rasikbhai | 17MI038 |
| 104 | Raval Aesha Prakashbhai | 17MI039 |
| 105 | Shaikh Aafrin Firoz | 17MI040 |
| 106 | Sheth Ashka Jatinkumar | 17MI041 |
| 107 | Shukla Devangi Rakeshkumar | 17MI042 |
| 108 | Sinde Hardi Purshottam | 17MI043 |
| 109 | Varma Aakash Kanaiyalal | 17MI044 |
| 110 | Vasava Zinal Thakorbhai | 17MI045 |
| 111 | Vashi Mosmiben Kiritbhai | 17MI046 |
| 112 | Vavadiya Jigishaben Vinubhai | 17MI047 |
| 113 | Vispute Divyani Rajesh | 17MI048 |
| 114 | Vyas Zalak Dipakkumar | 17MI049 |
| 115 | Badrakia Jinal Nileshbhai | 17BT001 |
| 116 | Batthini Sai Pranank G | 17BT002 |
| 117 | Bhavsar Megha Manoj | 17BT003 |
| 118 | Bhavsar Nishiben Shaileshbhai | 17BT004 |
| 119 | Brahmbhatt Zeel Udayanbhai | 17BT005 |
| 120 | Charan Samini Omprakash | 17BT006 |
| 121 | Dave Rajvi Prasantbhai | 17BT007 |
| 122 | Desai Jinal Omprakashbhai | 17BT008 |
| 123 | Dosani Asra Wahid | 17BT009 |
| 124 | Joshi Minal Sandipkumar | 17BT010 |
| 125 | Joshi Riddhi Manishbhai | 17BT011 |
| 126 | Kagdi Zaynab Zakirhusin | 17BT012 |
| 127 | Kansara Ishva Niranjanbhai | 17BT013 |
| 128 | Kansara Priyanka Umesh | 17BT014 |
| 129 | Kothari Payal Vipul | 17BT015 |
| 130 | Kumawat Himani Kamleshbhai | 17BT016 |
| 131 | Mansuri Tanzilben Firozbhai | 17BT017 |
| 132 | Mistry Vrundaben Rakeshkumar | 17BT018 |
| 133 | Moradiya Vishal Pareshbhai | 17BT019 |
| 134 | Pakhawala Karm Amrishkumar | 17BT020 |
| 135 | Parmar Arpitaben Prakashchandra | 17BT021 |
| 136 | Patel Charmi Sundarbhai | 17BT022 |
| 137 | Patel Dhwani Satish | 17BT023 |
| 138 | Patel Dixitkumar Vinodbhai | 17BT024 |
| 139 | Patel Hemali Dilipkumar | 17BT025 |
| 140 | Patel Kashyapkumar Maheshbhai | 17BT026 |
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| 143 | Patel Krupali Sureshbhai | 17BT029 |
| 144 | Patel Pari Jatinkumar | 17BT030 |
| 145 | Patel Parth Khodabhai | 17BT031 |
| 146 | Patel Pooja Priteshbhai | 17BT032 |

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|---|---|---|
| **147** | Patel Prajal Miteshkumar | 17BT033 |
| **148** | Patel Priyal Dineshbhai | 17BT034 |
| **149** | Patel Twincyben Bharatbhai | 17BT035 |
| **150** | Patel Vaibhavi Hiteshbhai | 17BT036 |
| **151** | Patel Vaidehi Ketankumar | 17BT037 |
| **152** | Patel Vandan Rajendrakumar | 17BT038 |
| **153** | Sharma Divanshi Vivekkumar | 17BT039 |
| **154** | Shukla Shruti Rajivbhai | 17BT040 |
| **155** | Singh Shivani Krishna Pratap | 17BT041 |
| **156** | Soni Shivani Sanjaybhai | 17BT042 |
| **157** | Soni Sweety Rakeshkumar | 17BT043 |
| **158** | Surati Hetal Narendrabhai | 17BT044 |
| **159** | Vegda Smruti Mansukhbhai | 17BT045 |
| **160** | Mangroliya Apeksha Babulal | 17BT046 |
| **161** | Chudasama Geeta Vijaybhai | 17BC001 |
| **162** | Dave Dolly Hitenkumar | 17BC002 |
| **163** | Jerry M Raju | 17BC003 |
| **164** | Patel Dharaben Vishnubhai | 17BC004 |
| **165** | Patel Kashyap Kirtikumar | 17BC005 |
| **166** | Patel Mansi Sunilbhai | 17BC006 |
| **167** | Patel Riddhi Sandip | 17BC007 |
| **168** | Patel Twinkle Nileshkumar | 17BC008 |
| **169** | Shah Ami Hiteshbhai | 17BC009 |
| **170** | Shah Shivani Vipulbhai | 17BC010 |
| **171** | Solanki Mehulkumar Sureshbhai | 17BC011 |
| **172** | Soni Devangkumar Kiritbhai | 17BC012 |
| **173** | Trivedi Vibhuti Giteshbhai | 17BC013 |
| **174** | Vohra Zenab Mustufa | 17BC014 |
| **175** | Vyas Jahnvi Janakkumar | 17BC015 |
| **176-211** | Faculty of Biological Sciences, Chemical Sciences, Mathematical Sciences and Physical Sciences also attended the event | |

# S S B Lecture

## Title: Mighty Regulation of a Tiny Regulator: miRNA-mediated Gene Expression Control in Mammalian Cells and Tissue

Dr. Subhendra N. Bhattacharyya

*Affiliation: RNA Biology Research Laboratory, Molecular Genetics Division, CSIR-Indian Institute of Chemical Biology, Kolkata, INDIA*

**Abstract:**

Research at my laboratory is concentrated on identification of novel gene regulatory mechanisms operating in mammalian cells that are primarily executed by small regulatory RNA- the microRNA. We explore the mechanisms that regulate microRNAs levels and activities in mammalian immune, neuronal and cancer cells. The major goal of our research is to identify the machineries that either by regulating the intra and extracellular transport of microRNAs or by modifying microRNA interacting proteins affects the microRNA function in mammalian cells. Contributions of subcellular structures and organelles in compartmentalization of miRNAs biogenesis, function and turnover in mammalian cells is also explored. Alteration in miRNA-machinery upon exposure of mammalian cells to pathogens and its implications in the disease process is the other major thrust area of our research and I will discuss several new findings in this direction.

## Bio-Data of Dr Suvendra Nath Bhattacharyya

Dr. Suvendra Nath Bhattacharyya, the Principal Scientist and Head of Molecular Genetics Division of CSIR-IICB, Kolkata, is an acclaimed RNA biologist of this country. Dr Bhattacharyya had his BSc and MSc degree from University of Calcutta in Chemistry and Biochemistry respectively and completed his PhD from IICB Kolkata. Dr. Bhattacharyya has made exceptional achievements in understanding the mechanism of activity modulation of miRNAs in mammalian cancer and immune cells. His works received recognition he was awarded with **Shanti Swarup Bhatnagar Prize** and the **National Bioscience Award** in Biological Sciences in 2016. In 2015, he also received the **NASI-Scopus Young Scientist award** and **Swarnajayanti Fellowship.**

He was also the recipient of **AAAS/Science Young Scientist award** and **INSA Young Scientist Award, HFSPO and EMBO long-term fellowship**. He was also awarded with the **CDA Award** of **HFSPO** and the prestigious **International Senior Research Fellowship** of the **Welcome Trust, London**.

Dr. Subhendranath Bhattacharya interacting with participants during SS Bhatnagar Lecture series on 22nd September, 2018



Dr. Subhendranath Bhattacharya giving talk during SS Bhatnagar Lecture series on 22nd September, 2018



Notice.
(2) 3.3.2 (2018-19)

CHARUSAT

Mandar Kulkarni <dilipmandar.bio@charusat.ac.in>

# Invitation to the fifth lecture of SS Bhatnagar Lecture Series to be held on 9th February 2019

3 messages

**Dr. Palash Mandal** <palashmandal.bio@charusat.ac.in> Wed, Jan 23, 2019 at 2:17 PM
To: Charusat Family <charusatfamily@charusat.ac.in>
Cc: "Dr. R M Patel" <rmpatel.aoc@charusat.ac.in>, Registrar CHARUSAT <registrar@charusat.ac.in>, "Dr. Pankaj Joshi" <psjprovost@charusat.ac.in>, Principal PDPIAS CHARUSAT <principal.pdpias@charusat.ac.in>, Yatin Talati <yatintalati.lib@charusat.ac.in>, mukeshkuamr yadav <mukeshyadav.adm@charusat.ac.in>

Dear All,

Greetings from Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat!

You will be happy to know that the fifth lecture of the SS Bhatnagar series is going to be organized on February 9th, **2019**. The speaker for the said lecture is Dr. Shankar Doraiswamy, Senior Principal Scientist of CSIR-National Institute of Oceanography, Goa.

CHARUSAT CHARUSAT

Charotar University of Science and Technology

Invites you to the Vth lecture

of

S S BHATNAGAR LECTURE SERIES PROGRAMME



To be delivered by

Dr. Shankar Doraiswamy,

National Institute of Oceanography, Goa

on

**Mapping India**

Venue: CHARUSAT Auditorium, PDPIAS Building Date: 09/02/2019 Time: 10:00 AM

The abstract of the talk and the brief bio-data of the speaker is attached herewith for your information.

We are coordinately invited for the same.
All Science loving Teaching Faculties, Research Scientists, Ph.D. students, PDFs are requested to remain present to attend the lecture.

You can find more details on the following link

http://www.nio.org/index/option/com_researcherdisplay/task/show/tid/2/sid/69/rid/1055

The utmost beneficiaries of his lecture as well as interactions are the researchers in the Engineering, Applied Sciences, Pharmacy, Paramedical, Physiotherapy, Nursing as well as Bio-engineering departments.

He will be visiting the research labs in our campus after the talk. Please feel free to volunteer for any scientific discussions with him. Therefore, we are making a special invitation to all the interested Faculties, researchers of these departments to have fruitful individual interaction.

**Note: Kindly occupy your seat at 9:45 A.M.**
Thank you very much in anticipation.

**Coordintaor: Dr. Bhaskar Borah, PDPIAS**

Regards,
Dr. Palash Mandal

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Dr. Palash Mandal
Associate Professor, Department of Biological Sciences
P. D. PATEL INSTITUTE OF APPLIED SCIENCES (PDPIAS)
Tel: +9102697-265194; Fax: +9102697-247100
Mob: +91 9666164654
Email: palashmandal.bio@charusat.ac.in; palash73@hotmail.com
Web: http://210.212.137.194:85/charusat/CIAS_UI/Content.aspx?ID=10&pOpen=3
Room no. 313, Biological Sciences, PDPIAS, CHARUSAT,
Changa, Anand-388421, Gujarat, India
• ACCREDITED WITH "A" GRADE BY NAAC, GOI
• ACCREDITED WITH "A" GRADE BY KCG, GOG

Please think before you print.

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**2 attachments**

**Abstract_SSB_5th_Lecture.pdf**
471K

**Bio_DrShankar.pdf**
394K

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**Dr. Palash Mandal** <palashmandal.bio@charusat.ac.in> Wed, Feb 6, 2019 at 10:11 AM
To: Charusat Family <charusatfamily@charusat.ac.in>
Cc: "Dr. R M Patel" <rmpatel.aoc@charusat.ac.in>, Registrar CHARUSAT <registrar@charusat.ac.in>, "Dr. Pankaj Joshi" <psjprovost@charusat.ac.in>, Principal PDPIAS CHARUSAT <principal.pdpias@charusat.ac.in>, Yatin Talati <yatintalati.lib@charusat.ac.in>, mukeshkuamr yadav <mukeshyadav.adm@charusat.ac.in>, Rakesh Dave <rakeshdave.bt@charusat.ac.in>

Dear All,

Greetings from Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat!

This is just a gentle reminder! You will be happy to know that the fifth lecture of the SS Bhatnagar series is going to be organized on February 9th, **2019**. The speaker for the said lecture is Dr. Shankar Doraiswamy, Senior Principal Scientist of CSIR-National Institute of Oceanography, Goa.

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**2 attachments**

**Abstract_SSB_5th_Lecture.pdf**
471K

**Bio_DrShankar.pdf**
394K

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**Dr. Palash Mandal** <palashmandal.bio@charusat.ac.in> Sat, Feb 9, 2019 at 9:12 AM
To: Charusat Family <charusatfamily@charusat.ac.in>
Cc: "Dr. R M Patel" <rmpatel.aoc@charusat.ac.in>, Registrar CHARUSAT <registrar@charusat.ac.in>, "Dr. Pankaj Joshi" <psjprovost@charusat.ac.in>, Principal PDPIAS CHARUSAT <principal.pdpias@charusat.ac.in>, Yatin Talati <yatintalati.lib@charusat.ac.in>, mukeshkuamr yadav <mukeshyadav.adm@charusat.ac.in>

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# P D Patel Institute of Applied Sciences
# Charotar University of Science and Technology

**Event Report**

**S S Bhatnagar memorial lecture series**

**Seminar topic:** Mapping India
**Category:** Research methodology
**Date:** 09 February 2019
**Number of participants:** 199
**Resource person:** Dr. Shankar Doraiswamy

This SS Bhatnagar memorial lecture was delivered by Dr. Shankar Doraiswamy, CSIR-National Institute of Oceanography, Goa on February 9, 2019. He gave an interesting talk on how the mapping of India was carried out. The talk was fairly informative and attractive to most of the audience as it was something new to all the attendees. There were around 160 students and 39 faculty members attending the talk. The audience was mixture of research scholars, masters students and faculty members from various departments and institutes of CHARUSAT. The talk was followed by a fruitful discussion and the speaker addressed several queries raised by the audience.

Dr. Doraiswamy, a mechanical engineer, spent the whole day in the campus visiting and interacting various research groups. He also had an informative interaction with the students from mechanical and civil engineering department. Moreover, Dr. Doraiswamy had a short meeting with the provost discussing various aspects of the university making an impact at the national level.

**List of attendees**

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|---|---|---|
| | **M.Sc. Students** | |
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| 91 | Patel Krupali Sanjaykumar | 17MI026 |
| 92 | Patel Mrunaliben Vasantbhai | 17MI027 |
| 93 | Patel Nidhi Vinilkumar | 17MI028 |
| 94 | Patel Priyankaben Arvindbhai | 17MI029 |
| 95 | Patel Rushika Pinakin | 17MI030 |
| 96 | Patel Tarjani Hiteshkumar | 17MI031 |
| 97 | Patel Urja Ramubhai | 17MI032 |
| 98 | Patel Vaidehi Lalendrakumar | 17MI033 |

| 99 | Patel Vrusikaben Ashokbhai | 17MI034 |
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| 100 | Prajapati Amiben Satishbhai | 17MI035 |
| 101 | Punwar Payalkumari Kiransinh | 17MI036 |
| 102 | Rajani Army Ashvinkumar | 17MI037 |
| 103 | Ramani Chirag Rasikbhai | 17MI038 |
| 104 | Raval Aesha Prakashbhai | 17MI039 |
| 105 | Shaikh Aafrin Firoz | 17MI040 |
| 106 | Sheth Ashka Jatinkumar | 17MI041 |
| 107 | Shukla Devangi Rakeshkumar | 17MI042 |
| 108 | Sinde Hardi Purshottam | 17MI043 |
| 109 | Varma Aakash Kanaiyalal | 17MI044 |
| 110 | Vasava Zinal Thakorbhai | 17MI045 |
| 111 | Vashi Mosmiben Kiritbhai | 17MI046 |
| 112 | Vavadiya Jigishaben Vinubhai | 17MI047 |
| 113 | Vispute Divyani Rajesh | 17MI048 |
| 114 | Vyas Zalak Dipakkumar | 17MI049 |
| 115 | Badrakia Jinal Nileshbhai | 17BT001 |
| 116 | Batthini Sai Pranank G | 17BT002 |
| 117 | Bhavsar Megha Manoj | 17BT003 |
| 118 | Bhavsar Nishiben Shaileshbhai | 17BT004 |
| 119 | Brahmbhatt Zeel Udayanbhai | 17BT005 |
| 120 | Charan Samini Omprakash | 17BT006 |
| 121 | Dave Rajvi Prasantbhai | 17BT007 |
| 122 | Desai Jinal Omprakashbhai | 17BT008 |
| 123 | Dosani Asra Wahid | 17BT009 |
| 124 | Joshi Minal Sandipkumar | 17BT010 |
| 125 | Joshi Riddhi Manishbhai | 17BT011 |
| 126 | Kagdi Zaynab Zakirhusin | 17BT012 |
| 127 | Kansara Ishva Niranjanbhai | 17BT013 |
| 128 | Kansara Priyanka Umesh | 17BT014 |
| 129 | Kothari Payal Vipul | 17BT015 |
| 130 | Kumawat Himani Kamleshbhai | 17BT016 |
| 131 | Mansuri Tanzilben Firozbhai | 17BT017 |
| 132 | Mistry Vrundaben Rakeshkumar | 17BT018 |
| 133 | Moradiya Vishal Pareshbhai | 17BT019 |
| 134 | Pakhawala Karm Amrishkumar | 17BT020 |
| 135 | Parmar Arpitaben Prakashchandra | 17BT021 |
| 136 | Patel Charmi Sundarbhai | 17BT022 |
| 137 | Patel Dhwani Satish | 17BT023 |
| 138 | Patel Dixitkumar Vinodbhai | 17BT024 |
| 139 | Patel Hemali Dilipkumar | 17BT025 |
| 140 | Patel Kashyapkumar Maheshbhai | 17BT026 |
| 141 | Patel Kinjalben Mahendrakumar | 17BT027 |
| 142 | Patel Kinjalben Umeshchandra | 17BT028 |
| 143 | Patel Krupali Sureshbhai | 17BT029 |
| 144 | Patel Pari Jatinkumar | 17BT030 |

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| 145 | Patel Parth Khodabhai | 17BT031 |
| 146 | Patel Pooja Priteshbhai | 17BT032 |
| 147 | Patel Prajal Miteshkumar | 17BT033 |
| 148 | Patel Priyal Dineshbhai | 17BT034 |
| 149 | Patel Twincyben Bharatbhai | 17BT035 |
| 150 | Patel Vaibhavi Hiteshbhai | 17BT036 |
| 151 | Patel Vaidehi Ketankumar | 17BT037 |
| 152 | Patel Vandan Rajendrakumar | 17BT038 |
| 153 | Sharma Divanshi Vivekkumar | 17BT039 |
| 154 | Shukla Shruti Rajivbhai | 17BT040 |
| 155 | Singh Shivani Krishna Pratap | 17BT041 |
| 156 | Soni Shivani Sanjaybhai | 17BT042 |
| 157 | Soni Sweety Rakeshkumar | 17BT043 |
| 158 | Surati Hetal Narendrabhai | 17BT044 |
| 159 | Vegda Smruti Mansukhbhai | 17BT045 |
| 160 | Mangroliya Apeksha Babulal | 17BT046 |
| 161-199 | Faculty of Biological Sciences, Chemical Sciences, Mathematical Sciences and Physical Sciences also attended the event | |

# Bio-Data of Dr. Shankar Doraiswamy

Dr. Shankar Doraiswamy, chief scientist, National Institute of Oceanography, Goa, is an acclaimed atmospheric scientist in India. He completed his BTech in Aerospace Engineering from IIT Madras in 1989 and MSc (Engg) in Atmospheric Science from IISc Bangaluru. Thereafter, he pursued his PhD in Marine Sciences from Goa University. Dr. Shankar's research interests include tropical ocean dynamics, ecosystem dynamics, ocean-atmosphere interaction in the monsoon region, and hydrology. His researches have been published in internationally renowned journals and have received many citations with h-index of 33. His research works have brought him several accolades, namely, CSIR young scientist award in 2002, SCOPUS young scientist award in 2006, Fellow of Indian academy of sciences, Bangalore, Fellow of National academy of Sciences, Allahabad. Dr. Shankar was honoured with SS Bhatnagar award in 2011 in engineering sciences for his outstanding contributions to the field of atmospheric sciences. Moreover, he has several national and international recognitions.

# V$^{th}$ S S Bhatnagar Lecture

**Title:** Mapping India

**Speaker:** Dr. Shankar Doraiswamy

**Affiliation:** National Institute of Oceanography (NIO), Goa

**Abstract:**

Though I have been fascinated by maps since early childhood, they did not occupy as central a place in our lives – at least not directly – as they do today. In this era of the GPS (Global Positioning System) and GIS (Geographic Information System), of app-based taxis and the hype surrounding self-driven vehicles, maps and associated geographical information have been so deeply embedded in our minds that we often fail to recognise our dependence on them.

In this talk, I will present a brief history of how India was mapped. It is a journey made over a few centuries across the seas, deserts, jungles, and mountains, and the people who participated in this long journey were heroes of their day. This was a time when science was not restricted to institutions and laboratories, unlike the impression conveyed in our schools. It is this spirit of endeavour and courage that I hope to convey in this talk.

The presentation will consist of three main parts. In the first part, I will discuss the mapping of longitude (particularly) while sailing. In the second part, I will present a brief history of the Great Trigonometrical Survey of India, one of the most remarkable scientific endeavours ever undertaken. It is in the third part that I will connect the making of maps to modern oceanography.

The first two parts are based on popular narratives available on the Internet and in popular books. I hope the audience will go on to discover much more through these media than I can hope to convey in this presentation. The third part will deal with both text-book oceanography and a bit of my own research.

**REGISTRATION COMMITTEE**
Dr. Zafar Azeem (PT), Asst. Professor, ARIP
Dr. Krishna Bhatt (PT), Asst. Professor, ARIP
Dr. Shipraa Shah (PT), Asst. Professor, ARIP
Dr. Jital Rabari (PT), Asst. Professor, ARIP

**SCIENTIFIC COMMITTEE**
Dr. L Surbala Devi (PT), Asst. Professor, ARIP
Dr. Vidhi Thakar (PT), Asst. Professor, ARIP
Dr. Sweni Shah (PT), Asst. Professor, ARIP
Dr. Vandita Soni (PT), Asst. Professor, ARIP

**PUBLIC RELATION, SOUVENIR & PROMOTIONS**
Dr. Yashree Patel (PT), Asst. Professor, ARIP
Dr. Garima Gedamkar (PT), Asst. Professor, ARIP
Dr. Ekta Soni (PT), Asst. Professor, ARIP

**STUDENT ORGANIZING SECRETARY**
Dr. Pankti Patel (PT) - 4th Semester MPT

**JT. STUDENT ORGANIZING SECRETARY**
Ms. Vrushali Thakkar - 7th Semester BPT
Ms. Nishi Trivedi - 7th Semester BPT

**TRAVEL & ACCOMMODATION**
Dr. P Ratan Khuman (PT), Asst. Professor, ARIP
Dr. Suchi Patel (PT), Asst. Professor, ARIP
Dr. Gaurav Gosai (PT), Asst. Professor, ARIP

**FOOD COMMITTEE**
Dr. Hemal Patel (PT), Asst. Professor, ARIP
Dr. Megha Gohil (PT), Asst. Professor, ARIP
Dr. Heta Patel (PT), Asst. Professor, ARIP
Dr. Dipti Pania (PT), Asst. Professor, ARIP

**CONTACT US**
Ashok & Rita Patel Institute of Physiotherapy
CHARUSAT Campus, Changa - 388421
Ta: Petlad Dist.: Anand, Gujarat, India
Contact : +91-2697-265261
Mobile : 99793-24186

## REGISTRATION DETAILS

| Category | Very Early bird by 15/09/2018 | Early bird by 31/10/2018 | Late bird by 30/11/2018 |
|---|---|---|---|
| Students (UG, PG) | ₹ 2000/- | ₹3000/ | ₹ 4000/- |
| Clinicians, Faculties, Ph.D Scholars | ₹ 3000/- | ₹ 4000/- | ₹ 5000/- |

**Last date of abstract Submission: 5th September 2018**

Payment can be made by multicity Cheque/Draft which should be drawn in favour of " **Charotar University of Science and Technology**" payable at Anand/Nadiad /Changa.

**E-Mail ID**
**For General Queries:**
chapconsos.arip@charusat.ac.in
**For Registration Queries:**
chapconregistration.arip@charusat.ac.in
**For Scientific Queries:**
chapconscientific.arip@charusat.ac.in
**Conference Website:**
www.charusat.ac.in



# CHARUSAT PHYSIOTHERAPY CONFERENCE
# (CHAPCON 2018)

Two Days National Conference on

## "Implementing Evidence into Physiotherapy"

Disseminate, Integrate, Practice

**Dates: 20th & 21st December, 2018**



**Venue:**
**CHARUSAT Campus, Changa - 388421**
**Ta.: Petlad Dist. : Anand**
**Gujarat**

**Organized by :**
**Ashok & Rita Patel Institute of Physiotherapy, CHARUSAT, Changa**

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Aegis: Shri Charotar Moti Sattavis Patidar Kelavani Mandal**

## ABOUT CHARUSAT

Charotar University of Science and Technology (CHARUSAT) has been conceived by Shri Charotar Moti Sattavis Patidar Kelavani Mandal - a not for profit premier education trust of India having a social lineage of more than 118 years. Presently, CHARUSAT offers 70 programs from UG to Ph.D under the tutelage of 9 Institutes and 6 Faculties. They are in the allied disciplines of Technology & Engineering, Pharmacy, Computer Application, Management, Applied Sciences, Nursing, Physiotherapy and other Paramedical Sciences:

- Semester system based continuous evaluation with cumulative grade point average.
- 120 acre of eco-friendly wi-fi university with 300 Mbps round the clock internet facility.
- Unique research & development center, Space Technology centre.
- State of the art teaching and research laboratories accessible 24 hours.
- Well-equipped Knowledge Resource Centre.
- Rural Education Development Program.
- Human Resource Development Centre.

## ABOUT ARIP

Ashok & Rita Patel Institute of Physiotherapy (ARIP) (previously known as Charotar Institute of Physiotherapy) a constituent of Charotar University of Science and Technology (CHARUSAT) has started its academic session from the year 2009. It offers Bachelor of Physiotherapy (B.P.T.) programme, Master of Physiotherapy (M.P.T.) programme in 6 specialities namely Musculoskeletal Sciences, Neurological Sciences, Cardio pulmonary Sciences, Rehabilitation, Paediatrics, Sports Sciences and Doctorate (Ph.D.) Programme. It has a vision to become a leading institute in providing evidence based Physiotherapy education, research and patient care.

## ABOUT CHAPCON 2018

CHAPCON-2018 is conceived as a first of its kind Physiotherapy conference in India with the theme of "Implementing evidence into Physiotherapy". Evidence based practice involves the integration of the best available evidences with clinical expertise and patient values. Worldwide, Physiotherapy as a profession recognized the use of evidence based practice to provide high-quality care and decreasing unwarranted variation in practice. Although evidence based practice has been accepted as best practice standards, many concerns about EBP revolve around implementing current best available evidence into practice. The body of evidence on what works and what doesn't is growing, yet there is a lack of consensus and understanding on how to adopt research into practice. The primary aim of CHAPCON- 2018 is to share innovative ideas and promote discussion focusing on dissemination of knowledge and the implementation of evidence into Physiotherapy practice in an effort to strengthen health care delivery within the context of developing countries.

## OBJECTIVE OF CHAPCON 2018

To share novel concepts and foster dialogue amongst Physiotherapist and strengthen practice of evidence based approach in Physiotherapy across India.

## THEME

**" Implementing evidence into Physiotherapy"**

## SUBTHEMES

- ***Knowledge-practice gap : Challenges and opportunities.***
- ***Patients centered outcomes.***
- ***Evidence based Physiotherapy education and curriculum.***
- ***Current best practices and guidelines in Physiotherapy within Indian context.***
- ***Physical activity measurement and promotion strategies in non communicable disease.***
- ***Grading quality and strength of evidence.***

## ORGANIZING COMMITTEE

**PATRONS**
Shri Surendrabhai M. Patel, President, CHARUSAT
Dr. M. C. Patel, Secretary, CHRF, Matrusanstha & Kelavani Mandal
Shri Naginbhai Patel, President, CHRF
Shri Ashok Patel, Chief Patron, ARIP
Smt. Rita Patel, Chief Patron, ARIP
Dr. Pankaj S. Joshi, Provost, CHARUSAT

**ADVISORY COMMITTEE**
Dr. B. G. Patel, Advisor, CHARUSAT
Prof. H. J. Jani, Advisor, CHARUSAT.
Shri Ashok Patel, Advisor, CHARUSAT
Dr. Devang Joshi, Registrar, CHARUSAT

**CONVENER**
Dr. M. Balaganapathy, PT, Ph.D., Principal, ARIP

**CO-CONVENER**
Dr. V. Prakash, PT, Ph.D., Asst. Professor, ARIP

**ORGANIZING SECRETARY**
Dr. Dhruv Dave (PT), Asst. Professor, ARIP

**JOINT - ORGANIZING SECRETARY**
Dr. Mansi Soni (PT), Asst. Professor, ARIP

**FINANCE COMMITTEE**
Dr. Dipika Shah, PT, Ph.D., Asst. Professor, ARIP
Dr. Shreya Patel (PT), Asst. Professor, ARIP
Dr. Krupa Shah (PT), Asst. Professor, ARIP
Dr. Mirva Thakkar (PT), Asst. Professor, ARIP
Dr. Shuchi Joshi (PT), Asst. Professor, ARIP
Dr. Anish Patel (PT), Tutor, ARIP

# CHARUSAT PHYSIOTHERAPY CONFERENCE (CHAPCON 2018)

## "Implementing Evidence into Physiotherapy" Disseminate, Integrate, Practice

## 20th & 21st December 2018

Ashok & Rita Patel Institute of Physiotherapy

# CHARUSAT PHYSIOTHERAPY CONFERENCE (CHAPCON 2018)

**"Implementing Evidence into Physiotherapy"**
**Disseminate, Integrate, Practice**
**20th & 21st December 2018**

## Schedule of Events

| | |
|---|---|
| **DAY 1 – 20th December 2018 (Thursday)** | |
| **Plenary Session 1 – Evidence Based Practice in Physiotherapy** | |
| **8:30 – 9:00** | **Registration** |
| **9:00 – 10:00** | **Breakfast** |
| **10:00 – 11:00** | **Inaugural function** |
| **11:00 – 11:05** | **Break** |
| **11:05 - 12:00** | Integrating evidence into curriculum development process **(Dr. Kavitha Raja PT PhD)** |
| **12:00 -13:00** | **Lunch Break/** Poster presentation 1 **(CH18-PP01 to PP14)** |
| **Plenary session 2 – Qualitative evidence in Physiotherapy & healthcare practice** | |
| **13:00 – 14:00** | Oral Presentation 1 **(CH18-OP01 to OP06)** |
| **14:00 – 14:45** | Grading quality and strength of evidence **( Dr. A.G.K. Sinha PT PhD)** |
| **14:45 – 15:30** | Finding the right evidence **( Dr. Rajani Mullerpatan PT PhD)** |
| **15:30 – 16:15** | Panel Discussion 1 – Strategies to foster EBP in education and practice |
| **16:15 – 16:30** | **Tea Break /** Poster Presentation 2 **(CH18-PP15 to PP26 & PP29)** |
| **16:30 – 17:30** | Poster Presentation 2 **(CH18-PP15 to PP26 & PP29)** |
| **17:45 – 18:45** | **Cultural Event followed by Dinner** |

Ashok & Rita Patel
Institute of Physiotherapy

# CHARUSAT PHYSIOTHERAPY CONFERENCE
# (CHAPCON 2018)

**"Implementing Evidence into Physiotherapy"**
**Disseminate, Integrate, Practice**
**20th & 21st December 2018**

## Schedule of Events

| | |
|---|---|
| **DAY 2 – 21st December 2018 (Friday)** | |
| **Plenary Session 3 – Current best practices & guidelines in Physiotherapy within Indian context** | |
| **9:00 – 9:30** | **Breakfast** |
| **9:30- 10:30** | Oral Presentation 2 **(CH18-OP07 to OP12)** |
| **10:30 – 10:40** | **Break** |
| **10:40 – 11:25** | Implementing Best Practices of Physiotherapy in India **(Dr. Hariohm K PT)** |
| **11:25 - 12:20** | Adapting clinical practice guidelines in India **(Dr. Abraham Babu PT PhD)** |
| **12:20 - 13:15** | **Lunch Break/** Poster Presentation 3**(CH18-PP27 to PP38)** |
| **Plenary session 4 – Non-communicable diseases: a current global burden** | |
| **13:15- 14:00** | Physical activity measurement and promotion strategies **(Dr. R Vasanthan PT PhD)** |
| **14:00- 14:45** | Patient centered outcomes **(Dr. Prakash V PT PhD)** |
| **14:45 – 15:45** | Panel Discussion 2 – Challenges and Opportunities in Implementing EBP |
| **15:45 – 17:00** | **Prize distribution, Felicitation & Valedictory function followed by High Tea** |



## Integrating Evidence in Curriculum Development Process

**Dr. Kavitha Raja PT PhD**

Professor & Principal,

JSS College Of Physiotherapy, Mysore, Karnataka



## Grading Quality and Strength of Evidence

**Dr. A.G.K. Sinha PT PhD**

Professor, Department of Physiotherapy,

Punjabi University, Patiala, Punjab



## Finding the Right Evidence

**Dr. Rajani Mullerpattan PT PhD**

Professor & Director, Department of Physiotherapy, M G M Institute of Health Sciences, Navi Mumbai



## Physical Activity Measurement & Promotion Strategies

**Dr. R. Vasanthan PT (PhD)**

Department of Physiotherapy, School of Allied Health Sciences,

Manipal Academy of Higher Education, Manipal



## Patient Centered Outcomes

**Dr. Prakash V PT PhD**

Assistant Professor, Ashok & Rita Patel Institute of Physiotherapy

CHARUSAT, Changa, Anand, Gujarat



## Implementing Best Practices of Physiotherapy in India

**Dr. K Hariohm PT**

The Centre for Evidence Based Neurorehabilitation (CEBNR)

Chennai



## Adapting Clinical Practice Guidelines in India

**Dr. Abraham Babu PT PhD**

Associate Professor, Department of Physiotherapy, School of Allied Health Sciences,

Manipal Academy of Higher Education, Manipal

CHARUSAT

# Report on CHAPCON 2018

Ashok & Rita Patel Institute of Physiotherapy

Ashok & Rita Patel Institute of Physiotherapy – a constituent institute of CHARUSAT has organized two days national level conference CHAPCON 2018 on 20th & 21st of December 2018. The theme of the conference was implementing evidence into physiotherapy. Total of more than 225 delegates, expert, clinicians, academicians and students have participated across the nation. Professionals from different parts of the country have come to be the part of meet. Dr. AGK Sinha, Prof. Kavitha Raja, Dr. Rajani Muller Patan, Dr. Abraham Babu, Dr. Sagar Naik, Dr. Tarpan Shah, Dr. Neeta Vyas, Dr. Anjali Bhise, Dr. Nilima Patel, Dr. R Vasanthan, Dr. K Hari Ohm were few of the reknowned speakers from across India. The inauguration was done by Dr Pankaj Joshi, provost of CHARUSAT. He emphasized the importance of evidence based physiotherapy and culture of research at CHARUSAT. Dr. B G Patel, Dr. M C Patel, Dr. S P Kosta have showered their blessings on this occasions. The event is purely scientific where students, researchers, clinicians and academicians have exchanged their views on various topics. Dr. M Balaganapathy, Principal of ARIP – Convener of CHAPCON – 2018 satisfied with the achievement of the theme of the conference. Total 58 research papers have been presented in either poster or platform sessions during two days of the event. Dr. Dhruv Dave – Organizing secretory have expressed his gratitude for the participation of the delegates across the nation.

# CHAPCON 2018 - List of Participants

| Sr.no | NAME | REGISTRATION ID | Work Profile |
|---|---|---|---|
| 1 | Manthan M. Pandya | CHA/18/001 | MPT Student |
| 2 | Vrunda Tushar Patel | CHA/18/002 | MPT Student |
| 3 | Tirtha B. Panchal | CHA/18/003 | MPT Student |
| 4 | Prachi D Shah | CHA/18/004 | MPT Student |
| 5 | Panchal Khushbu Hiteshkumar | CHA/18/005 | MPT Student |
| 6 | Priyanka J Dobariya | CHA/18/006 | MPT Student |
| 7 | Palak Mahendrabhai Patel | CHA/18/007 | MPT Student |
| 8 | Harsh Suthar | CHA/18/008 | MPT Student |
| 9 | Chaitali Thacker | CHA/18/009 | MPT Student |
| 10 | Rudri Zala | CHA/18/010 | MPT Student |
| 11 | Dr.Hetal Patel | CHA/18/011 | MPT Student |
| 12 | Hinal Mistry | CHA/18/012 | MPT Student |
| 13 | Paryushi Virendra Rami | CHA/18/013 | Faculty |
| 14 | Trusha Prakash Kale | CHA/18/014 | MPT Student |
| 15 | Dr.Vishnu Vardhan | CHA/18/015 | Phd Scholar |
| 16 | Dhwani Hiteshkumar Pandya | CHA/18/016 | MPT Student |
| 17 | Barot Mansi Rajendrakumar | CHA/18/017. | MPT Student |
| 18 | Dani Devanshi Hiteshkumar | CHA/18/018. | MPT Student |
| 19 | Oza Dhruval Bhargavbhai | CHA/18/019. | MPT Student |
| 20 | Mevada Shruti Rameshbhai | CHA/18/020. | MPT Student |
| 21 | Patel Dhruvi Hareshkumar | CHA/18/021. | MPT Student |
| 22 | Ishanii Roxburgh | CHA/18/022. | MPT Student |
| 23 | Mansi Kiransingh Bais | CHA/18/023. | MPT Student |
| 24 | Dr Ravi B Solanki | CHA/18/024. | MPT Student |
| 25 | Parmar Rincyben Rajnikant | CHA/18/025 | MPT Student |
| 26 | Ditee Jaydeep Desai | CHA/18/026 | MPT Student |
| 27 | Krishna Janakbhai Desai | CHA/18/027 | MPT Student |
| 28 | Patel Divya Rajendrabhai | CHA/18/028 | MPT Student |
| 29 | Drashtee Patel | CHA/18/029 | MPT Student |
| 30 | Vyas Shrushti Amitbhai | CHA/18/030 | MPT Student |
| 31 | Parita Ashokbhai Vanpariya | CHA/18/031 | MPT Student |
| 32 | Nishu Maneshbhai Raval | CHA/18/032 | MPT Student |
| 33 | Shikha Jayesh Shah | CHA/18/033 | MPT Student |
| 34 | Patel Khushbu Upendrakumar | CHA/18/034 | MPT Student |
| 35 | Riddhi Joshi | CHA/18/035 | MPT Student |

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|---|---|---|---|
| 36 | Shah Sweni Nimishkumar | CHA/18/036 | MPT Student |
| 37 | Kajal Rameshbhai Chavda | CHA/18/037 | MPT Student |
| 38 | Jayshree Manojkumar Lalwani | CHA/18/038 | MPT Student |
| 39 | Desai Asthaben Kirtikumar | CHA/18/039 | MPT Student |
| 40 | Vidhi Modi | CHA/18/040 | MPT Student |
| 41 | Hitarthi M Dhami | CHA/18/041 | MPT Student |
| 42 | Janki S Desai | CHA/18/042 | MPT Student |
| 43 | Hiral H Shah | CHA/18/043 | MPT Student |
| 44 | Ankita Bhaita | CHA/18/044 | MPT Student |
| 45 | Patel Bhargav Umeshchandra | CHA/18/045 | MPT Student |
| 46 | Chandravadiya Dixa Khimjibhai | CHA/18/046 | MPT Student |
| 47 | Aishwarya Jagdish Bhavsar | CHA/18/047 | MPT Student |
| 48 | Kuntal Sanjaykumar Suthar | CHA/18/048 | MPT Student |
| 49 | Priya Chandrakant Patel | CHA/18/049 | MPT Student |
| 50 | Christina S Vaghela | CHA/18/050 | MPT Student |
| 51 | Vaibhavi M Amin | CHA/18/051 | MPT Student |
| 52 | Kajal Anandkumar Rai | CHA/18/052 | MPT Student |
| 53 | Shivani Shah | CHA/18/053 | MPT Student |
| 54 | Margi Nayankumar Joshi | CHA/18/054 | MPT Student |
| 55 | Ravi Arvindbhai Patel | CHA/18/055 | MPT Student |
| 56 | Rutva Hirenbhai Shah | CHA/18/056 | MPT Student |
| 57 | Yuti C Ravat | CHA/18/057 | MPT Student |
| 58 | Vibhuti Patel | CHA/18/058 | MPT Student |
| 59 | Pranidhi Dhaval Thakore | CHA/18/059 | MPT Student |
| 60 | Disha Shah | CHA/18/060 | MPT Student |
| 61 | Jinal Dharmendrabhai Thakkar | CHA/18/061 | MPT Student |
| 62 | Anirudh M Vala | CHA/18/062 | MPT Student |
| 63 | Aesha Mukeshbhai Patel | CHA/18/063 | MPT Student |
| 64 | Pandya Purvi Jayesh | CHA/18/064 | MPT Student |
| 65 | Vidhi Solanki | CHA/18/065 | MPT Student |
| 66 | Vaidya Vyoma Bharatkumar | CHA/18/066 | MPT Student |
| 67 | Ankita R Gosai | CHA/18/067 | MPT Student |
| 68 | Trivedi Vidhi Rajiv | CHA/18/068 | MPT Student |
| 69 | Amee Bhaskarbhai Parekh | CHA/18/069 | MPT Student |
| 70 | Iyer Sai Ganesh | CHA/18/070 | MPT Student |
| 71 | Dhruvi Chetan Sheth | CHA/18/071 | MPT Student |
| 72 | Swadas Nirja Prashant | CHA/18/072 | MPT Student |
| 73 | Ina Romeshkumar Shah | CHA/18/073 | MPT Student |
| 74 | Suthar Hardik Chandreshkumar | CHA/18/074 | MPT Student |
| 75 | Chintan A Patel | CHA/18/075 | MPT Student |

| | | | |
|---|---|---|---|
| 76 | Nilam Rameshbhai Solanki | CHA/18/076 | MPT Student |
| 77 | Jinal Manubhai Patel | CHA/18/077 | MPT Student |
| 78 | Dr Mansi Soni | CHA/18/078 | Faculty,ARIP |
| 79 | Ramoliya Shivanjalee Jayantibhai | CHA/18/079 | MPT Student |
| 80 | Modi Vidhi Yogeshkumar | CHA/18/080 | MPT Student |
| 81 | Patel Dhwanika Rajeshkumar | CHA/18/081 | MPT Student |
| 82 | Dhruvi V Kaka | CHA/18/082 | MPT Student |
| 83 | Patel Vraj Rajeshkumar | CHA/18/083 | MPT Student |
| 84 | Billimoria Shanaya Percy | CHA/18/084 | MPT Student |
| 85 | Mahani Nisha Vijaykumar | CHA/18/085 | MPT Student |
| 86 | Khokhar Nidhi J | CHA/18/086 | MPT Student |
| 87 | Garala Vidhi M | CHA/18/087 | MPT Student |
| 88 | Patel Hemali Manojkumar | CHA/18/088 | BPT Student |
| 89 | Jahanvi Sanjaybhai Purohit | CHA/18/089 | BPT Student |
| 90 | Simran Rameshbhai Chhotala | CHA/18/090 | BPT Student |
| 91 | Patel Riddhi Sanjaybhai | CHA/18/091 | BPT Student |
| 92 | Parmar Nishtha Vimalkumar | CHA/18/092 | BPT Student |
| 93 | Pranjal Anilkumar Joshi | CHA/18/093 | BPT Student |
| 94 | Patel Shrina Virendrakumar | CHA/18/094 | BPT Student |
| 95 | Patel Shriya Virendrakumar | CHA/18/095 | BPT Student |
| 96 | Patel Divya Jayanatibhai | CHA/18/096 | BPT Student |
| 97 | Drishti R Patel | CHA/18/097 | BPT Student |
| 98 | Patel Margi Mineshbhai | CHA/18/098 | BPT Student |
| 99 | Christian Preema Vasantkumar | CHA/18/099 | BPT Student |
| 100 | Vrushali M Thakkar | CHA/18/100 | BPT Student |
| 101 | Anjana Anil Nair | CHA/18/101 | BPT Student |
| 102 | Mayur Bhikhabhai Rabari | CHA/18/102 | BPT Student |
| 103 | Nijesha Arun Patel | CHA/18/103 | BPT Student |
| 104 | Dharmishtha Jivanbhai Kharva | CHA/18/104 | BPT Student |
| 105 | Bhavsar Hetshree Paresh | CHA/18/105 | BPT Student |
| 106 | Patel Heli Satishkumar | CHA/18/106 | BPT Student |
| 107 | Nishi Mahendra Trivedi | CHA/18/107 | BPT Student |
| 108 | Kshtriya Pranav Shushilkumar | CHA/18/108 | BPT Student |
| 109 | Twinkle Patel | CHA/18/109 | BPT Student |
| 110 | Patel Nirali Deepakbhai | CHA/18/110 | BPT Student |
| 111 | Prachi Soni | CHA/18/111 | BPT Student |
| 112 | Patel Richa Mayurbhai | CHA/18/112 | BPT Student |
| 113 | Zishan Khan Belim | CHA/18/113 | MPT Student |
| 114 | Parth Manubhai Parmar | CHA/18/114 | MPT Student |
| 115 | Dr. Jolly J Dave | CHA/18/115 | Faculty |

| | | | |
|---|---|---|---|
| 116 | Shah Vaibhavi Rakeshbhai | CHA/18/116 | MPT Student |
| 117 | Pallavi Sujeetkumar Variyani | CHA/18/117 | MPT Student |
| 118 | Mansi Rajeshbhai Patel | CHA/18/118 | MPT Student |
| 119 | Dr Niravkumar Pravinsinh Vaghela | CHA/18/119 | Faculty, Phd Scholar |
| 120 | Patel Neeomi Rameshbhai | CHA/18/120 | MPT Student |
| 121 | Dr. Kruti Desai | CHA/18/121 | Faculty |
| 122 | Saloni Viralbhai Shah | CHA/18/122 | MPT Student |
| 123 | Reeyah Sharma | CHA/18/123 | MPT Student |
| 124 | Sriya Gupta | CHA/18/124 | MPT Student |
| 125 | Daxa Bavaliya | CHA/18/125 | MPT Student |
| 126 | Suman Malukani | CHA/18/126 | MPT Student |
| 127 | Disha Anilkumar Rupareliya | CHA/18/127 | Clinician, Phd Scholar |
| 128 | Bhoomi Parmar | CHA/18/128 | MPT Student |
| 129 | Makadia Heppy Jitendra | CHA/18/129 | MPT Student |
| 130 | Acharya Rucha N | CHA/18/130 | MPT Student |
| 131 | Dr Dhruv Dave | CHA/18/131 | Faculty,ARIP |
| 132 | Dr Hemal Patel | CHA/18/132 | Faculty,ARIP |
| 133 | Dr Krishna Bhatt | CHA/18/133 | Faculty,ARIP |
| 134 | Dr Yashree Patel | CHA/18/134 | Faculty,ARIP |
| 135 | Dr Shuchi Joshi | CHA/18/135 | Faculty,ARIP |
| 136 | Dr Gaurav Gosai | CHA/18/136 | Faculty,ARIP |
| 137 | Mahek Dalsaniya | CHA/18/137 | Intern, Student |
| 138 | Hirva Kotak | CHA/18/138 | Intern, Student |
| 139 | Shah Hiral Hiteshkumar | CHA/18/139 | Intern, Student |
| 140 | Heta Patel | CHA/18/140 | Faculty, ARIP |
| 141 | Ananya Mehta | CHA/18/141 | MPT Student |
| 142 | Axita Vyas | CHA/18/142 | MPT Student |
| 143 | Hunita Dhanju | CHA/18/143 | MPT Student |
| 144 | Mayuri Saxena | CHA/18/144 | MPT Student |
| 145 | Nidhi Patel | CHA/18/145 | MPT Student |
| 146 | Samira Patel | CHA/18/146 | MPT Student |
| 147 | Ashwini Gite | CHA/18/147 | MPT Student |
| 148 | Deepali Patil | CHA/18/148 | MPT Student |
| 149 | Lavina Khatri | CHA/18/149 | MPT Student |
| 150 | Pawan Kumar | CHA/18/150 | MPT Student |
| 151 | Pooja Thakur | CHA/18/151 | MPT Student |
| 152 | Shaily Parekh | CHA/18/152 | MPT Student |
| 153 | Shruti Talnikar | CHA/18/153 | MPT Student |
| 154 | Dhvani Naik | CHA/18/154 | MPT Student |
| 155 | Patel Maitri Tarunbhai | CHA/18/155 | BPT Student |

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|---|---|---|---|
| 156 | Poonam Jaykarbhai Solanki | CHA/18/156 | BPT Student |
| 157 | Torani Simran Dilip | CHA/18/157 | BPT Student |
| 158 | R.M.Shruthi | CHA/18/158 | BPT Student |
| 159 | Vaghasiya Ayushi Kishorbhai | CHA/18/159 | BPT Student |
| 160 | Hardi Ketanbhai Soni | CHA/18/160 | BPT Student |
| 161 | Ghevariya Kruti Saileshbhai | CHA/18/161 | BPT Student |
| 162 | Isha Arvindbhai Patel | CHA/18/162 | BPT Student |
| 163 | Rabari Mayurkumar Bhikhabhai | CHA/18/163 | BPT Student |
| 164 | Patel Harshil Alkeshbhai | CHA/18/164 | BPT Student |
| 165 | Maisuria Krisha J | CHA/18/165 | BPT Student |
| 166 | Darsh Patel | CHA/18/166 | BPT Student |
| 167 | Ruchit Dani | CHA/18/167 | BPT Student |
| 168 | Rohit Smruti Hasmukhbhai | CHA/18/168 | BPT Student |
| 169 | Ranpriya Sweta Rajeshbhai | CHA/18/169 | BPT Student |
| 170 | Dr Darshna Tadvi | CHA/18/170 | Faculty |
| 171 | Shah Shivani | CHA/18/171 | MPT Student |
| 172 | Devanshi Patel | CHA/18/172 | BPT Student |
| | | | |

ASSOCIATE PROFESSOR & PRINCIPAL I/C
ASHA & R.T. PATEL INSTITUTE OF PHYSIOTHERAPY
CHARUSAT CAMPUS, CHANGA
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)



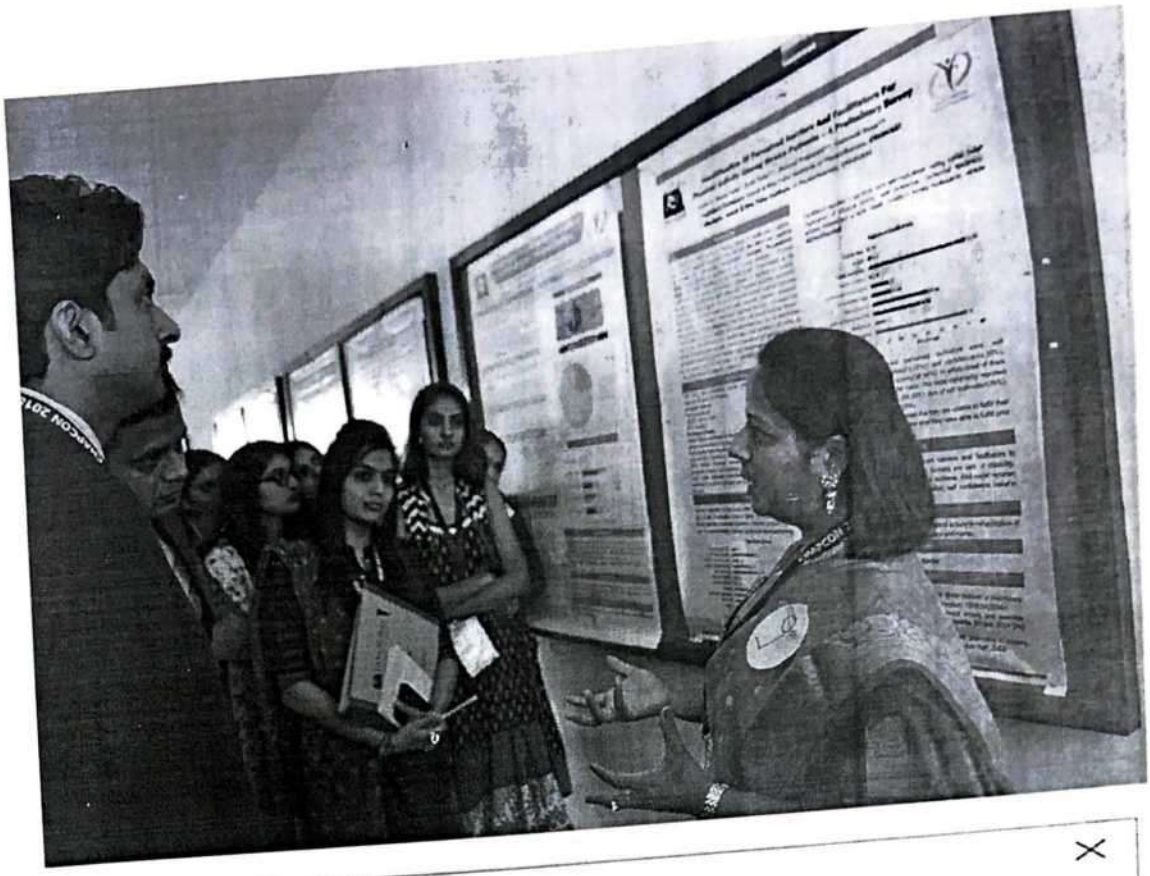

DSC_0564.JPG Properties

General | Security | Details | Previous Versions

| Property | Value |
|---|---|
| Rating | ☆ ☆ ☆ ☆ ☆ |
| Tags | |
| Comments | |
| **Origin** | |
| Authors | |
| Date taken | 12/20/2018 11:03 AM |
| Program name | Ver.1.01 |
| Date acquired | |
| Copyright | |
| **Image** | |
| Image ID | |
| Dimensions | 4608 x 3072 |
| Width | 4608 pixels |
| Height | 3072 pixels |
| Horizontal resolution | 300 dpi |
| Vertical resolution | 300 dpi |
| Bit depth | 24 |

Remove Properties and Personal Information

OK | Cancel | Apply



DSC_0464.JPG Properties

General | Security | Details | Previous Versions

| Property | Value |
|---|---|
| **Origin** | |
| Authors | |
| Date taken | 12/20/2018 9:19 AM |
| Program name | Ver.1.01 |
| Date acquired | |
| Copyright | |
| **Image** | |
| Image ID | 4608 x 3072 |
| Dimensions | 4608 pixels |
| Width | 3072 pixels |
| Height | 300 dpi |
| Horizontal resolution | 300 dpi |
| Vertical resolution | 24 |
| Bit depth | |
| Compression | 2 |
| Resolution unit | sRGB |
| Color representation | |

Remove Properties and Personal Information

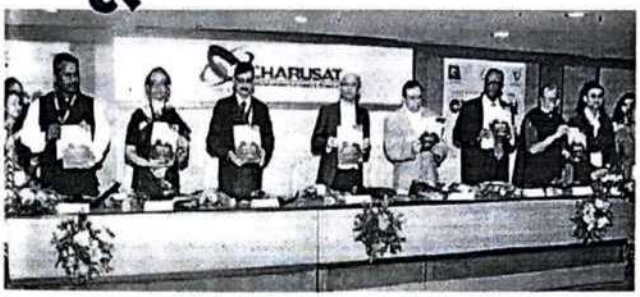
OK | Cancel | Apply

Nav Gujarat Samay
21/12/2018

## ચારૂસેટ યુનિવર્સિટીમાં ફિઝિયોથેરાપીમાં પુરાવાનું અમલીકરણ વિશે નેશનલ કોન્ફરન્સ

# ફિઝિયોથેરાપીમાં સંપર્ક આધારિત પુરાવાની પ્રેક્ટિસ મજબૂત બનાવવાના પ્રયાસ શરૂ...

નવગુજરાત સમય > આણંદ




ચાંગા સ્થિત ચારૂસેટ યુનિવર્સિટી સંલગ્ન અશોક એન્ડ રીટા પટેલ ઇન્સ્ટિટ્યૂટ ઓફ ફિઝીયોથેરાપી ખાતે 'ઇમ્પલીમેંટિંગ એવિડન્સ ઇન ફિઝિયોથેરાપી' ડિસેમિનેટ ઇન્ટીગ્રેટ પ્રેક્ટિસ વિશે નેશનલ કોન્ફરન્સનો પ્રારંભ કરાયો હતો. ચેપ્ટર ૨૦૧૮નો હેતુ ફિઝિયોથેરાપીસ્ટોમાં જ્ઞાનનું આદાનપ્રદાન કરવા સાથે સંવાદ સાંધવાનો હતો. તેમજ ભારતમાં ફિઝિયોથેરાપીમાં સંપર્ક આધારિત પુરાવાઓની પ્રેક્ટિસ મજબૂત બનાવવાનો છે. એમ પ્રિન્સિપાલ ડો.બાલાગણપતિએ જણાવ્યું હતું.

ઉદઘાટન પ્રસંગે પતિયાલાની પંજાબ યુનિવર્સિટીના ડો.એ.જી.કે.સિંહા,મૈસોર જેલેસલેસ કોલેજ ઓફ ફિઝીયોથેરાપીના પ્રિન્સિપાલ ડો.કવિતા રાજા,ચારૂસેટના પ્રોવોસ્ટ ડો.પંકજ જોશી, એડવાઈઝર ડો.બી.જી.પટેલ અને ડો.એસ.પી.કોસ્ટા હાજર રહ્યા હતા. સમારંભના અધ્યક્ષપદેથી કેળવણી મંડળના મંત્રી ડો.એમ.સી.પટેલ પ્રસંગોચિત પ્રવચન કર્યુ હતું. કોન્ફરન્સમાં મહારાષ્ટ્ર, દિલ્લી, ગુજરાત સહિતના રાજ્યોમાથી લગભગ 225 ડેલિગેટ્સ ભાગ લઇ રહ્યા છે. મુખ્ય વક્તાઓ તરીકે ડો.કવિતા રાજા, ડો.એ.જી.કે.સિંહા, ડો.રજની મુલેરપટ્ટન વિવિધ વિષયો પર પ્રવચનો આપ્યા હતા. તદુપરાંત,'સ્ટ્રેટેજી ટુ ફોસ્ટર એવિડન્સ બેઝ્ડ પ્રેક્ટિસ ઇન એજ્યુકેશન એન્ડ પ્રેક્ટિસ' વિષે છ વક્તાની પેનલ ડિસ્કશન યોજાઈ હતી.

૨૧મી ડિસેમ્બરે મુખ્ય વકતા તરીકે ડો.હરી ઓમ, ડો.અબ્રાહમ બાબુ, ડો.આર.વસંથન ડો. પ્રકાશ વિવિધ વિષયો પર પ્રવચનો આપશે આ દિવસે 'ચેલેંજિંગ એન્ડ ઓપર્ચ્યુનિટીસ ઇ ઇપ્લીમેંટિંગ ઇ.બી.પી.' વિષે છ વક્તાની પેના ડિસ્કશન યોજાશે. આ કોન્ફરન્સનો મુખ્ય ઉદ્દે એ છે કે, દર્દીઓને સારવાર આપીએ તેમાં ઘણ વાર પુરાવાઓ હોતા નથી આથી ખરેખર પુરા સાથે તમે કોઈ દર્દીની સારવાર કરો તો તમને પરિણામ મળે છે તેના વિષેની આ કોન્ફરન્સ છે. જે ફિઝિયોથેરાપીનો પ્રચાર-પ્રસાર કરવો, સમન્વ અને તેના અમલીકરણ પર ધ્યાન આપવામ આવશે. પુરાવા આધારિત પ્રેક્ટિસને બેસ્ટ પ્રેક્ટિ સ્ટાન્ડર્ડ તરીકે સ્વીકારવામાં આવી છે. આ પ્રકાર કોન્ફરન્સમાં ક્લિનિકલ નિષ્ણાતો અને દર્દીઓ મૂલ્યો સાથેના શ્રેષ્ઠ ઉપલબ્ધ પુરાવાઓનું તાદાત્મ સાધવામાં આવે છે.

Sandesh
22/12/2018

# ચારૂસેટ ફિઝિયોથેરાપીમાં ક્લિનિકલ તજજ્ઞોનું ચિંતન




વલ્લભવિદ્યાનગર : દર્દીઓને સારવાર આપીએ તેમાં ઘણી વખત પુરાવાઓ હોતા નથી આથી ખરેખર પુરાવા સાથે કોઈ દર્દીની સારવાર કરાય તો શું પરિણામ મળે જે વિષય ઉપર ચારૂસેટ યુનિવર્સિટીની અશોક એન્ડ રીટા પટેલ ઇન્સ્ટીટયુટ ઓફ ફીજીયોથેરાપીના ચાલી રહેલી દ્વિદિવસીય નેશનલ કોન્ફરન્સ ચેપકોન-૨૦૧૮માં સમગ્ર દેશમાંથી ૨૨૫ ક્લિનીકલ તજજ્ઞો, ૮ વકતાઓએ ઉપસ્થિત રહીને વિષય પર સંવાદસેતુ રચ્યો હતો. ૨૦મી ડિસેમ્બરે પ્રારંભ થયેલી કોન્ફરન્સમાં સ્ટ્રેટેજી ટુ ફોસ્ટર એવિડન્સ બેઇઝડ પ્રેક્ટિસ ઇન એજ્યુકેશન એન્ડ પ્રેક્ટિસ વિષય પર છ વકતાઓએ પેનલ ડિસ્કશન યોજીને દર્દીઓના મૂલ્યો સાથેના શ્રેષ્ઠ ઉપલબ્ધ પુરાવાઓ દ્વારા સારવાના પરિણામો અનેવતારણો રજુ કરી ગ્રૂપ ડીસ્કશન યોજ્યુ હતું.

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Shalini Joshi <shalinijoshi.nur@charusat.ac.in>**

# Fwd: gentle reminder for the workshop

1 message

**Hetal Shah** <hetalshah.nur@charusat.ac.in> Thu, Jul 2, 2020 at 12:36 PM
To: Shalini Joshi <shalinijoshi.nur@charusat.ac.in>

---------- Forwarded message ---------
From: **Hetal Shah** <hetalshah.nur@charusat.ac.in>
Date: Thu, Sep 20, 2018 at 10:00 AM
Subject: gentle reminder for the workshop
To: Alpna Patel <alpnapatel.nur@charusat.ac.in>, anil patidar <anilpatidar.nur@charusat.ac.in>, anilkumar jarali <anilkumarjarali.nur@charusat.ac.in>, Anju Jackson <anjujackson.nur@charusat.ac.in>, arpan pandya <arpanpandya.nur@charusat.ac.in>, aruna jani <arunajani.nur@charusat.ac.in>, Bapu Khodnapur <bapukhodnapur.nur@charusat.ac.in>, binal joshi <binaljoshi.nur@charusat.ac.in>, Chirag Jain <chiragjain.nur@charusat.ac.in>, devangi sharma <devangisharma.nur@charusat.ac.in>, Divya Jain <divyajain.nur@charusat.ac.in>, Ekta Macwan <ektamacwan.nur@charusat.ac.in>, franny emmanuel <frannyemmanuel.nur@charusat.ac.in>, Glory Waghela <glorywaghela.nur@charusat.ac.in>, Jalpa Prajapati <jalpaprajapati.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, jayesh patidar <jayeshpatidar.nur@charusat.ac.in>, Jigisha Shrimali <jigishashrimali.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, ravi barot <ravibarot.mtin@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Sharonkeral Raj <sharonkeralraj.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, soni kushawaha <sonikushawaha.nur@charusat.ac.in>, Vipin Vageriya <vipinvageriya.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, Anjana Suthar <anjanasuthar.nur@charusat.ac.in>, Raxesh Mistry <raxeshmistry.nur@charusat.ac.in>, Rutvi Thakor <rutvithakor.nur@charusat.ac.in>, Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>
Cc: Principal MTIN CHARUSAT <principal.mtin@charusat.ac.in>

Dear sir/madam,

Keeping in line with our philosophy of 'Research and Development' we have arranged a workshop on **"Basics of Microsoft Excel"** dealt with by Dr. Hemant Tiwari. The details of the workshop are as follows-:

Venue: MTIN Auditorium
Date: 21/09/2018
Time: 10am to 1pm

P.S: Kindly bring your laptop fully charged and data sheet. clinical duties need to be continued by clinical supervisors.
--
**Thanking you.....**

***Ms.Shah Hetal J.M.Sc.Nursing (Psychiatry)***
***Assistant professor,***
***Manikaka Topawala Institute of Nursing.***
***Charusat,Changa.***
***mob no:9033404171***
***email id: hetalshah.nur@charusat.ac.in***

--
**Thanking you.....**

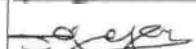
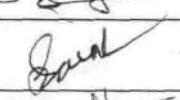
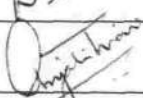
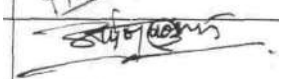
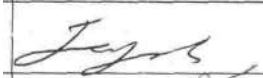
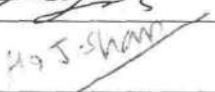
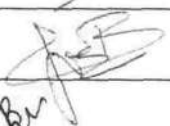
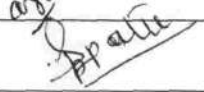
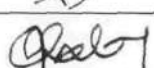
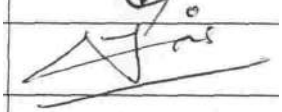
***Ms.Shah Hetal J.M.Sc.Nursing (Psychiatry)***
***Assistant professor,***

***Manikaka Topawala Institute of Nursing.***
***Charusat,Changa.***
***mob no:9033404171***
***email id: hetalshah.nur@charusat.ac.in***

ManikakaTopawala Institute of Nursing

Faculty workshop on Basics of Microsoft Excel for Nursing /Clinical/Public Health research

Date: 21/9/2018

| Sr. No. | Faculty Name | Designation | Signature |
|---|---|---|---|
| 1 | Dr.Anil Sharma | Principal |  |
| 2 | Mr.Vipinvageriya | Vice principal |  |
| 3 | Mr. Siddaramsarate | Assistant professor |  |
| 4 | Mr. Deepak k. | Assistant professor |  |
| 5 | Ms. Anjali Tiwari | Assistant professor |  |
| 6 | Ms. RameshwariZala | Assistant professor |  |
| 7 | Mr. Arpan Pandya | Assistant professor |  |
| 8 | Mr.JayeshPatidar | Assistant professor |  |
| 9 | Ms.Hetal Shah | Assistant professor |  |
| 10 | Ms.Bina! Joshi | Assistant professor |  |
| 11 | Mr. Bapu k. | Assistant professor |  |
| 12 | Ms.Sapna Patel | Assistant professor |  |
| 13 | Mr. Jamin Chauhan | Assistant professor |  |
| 14 | Mr. Divya Jain | Assistant professor |  |
| 15 | Ms.FrannyEmmanual | Nursing Tutor |  |
| 16 | Ms. Jigishashrimali | Nursing Tutor | |

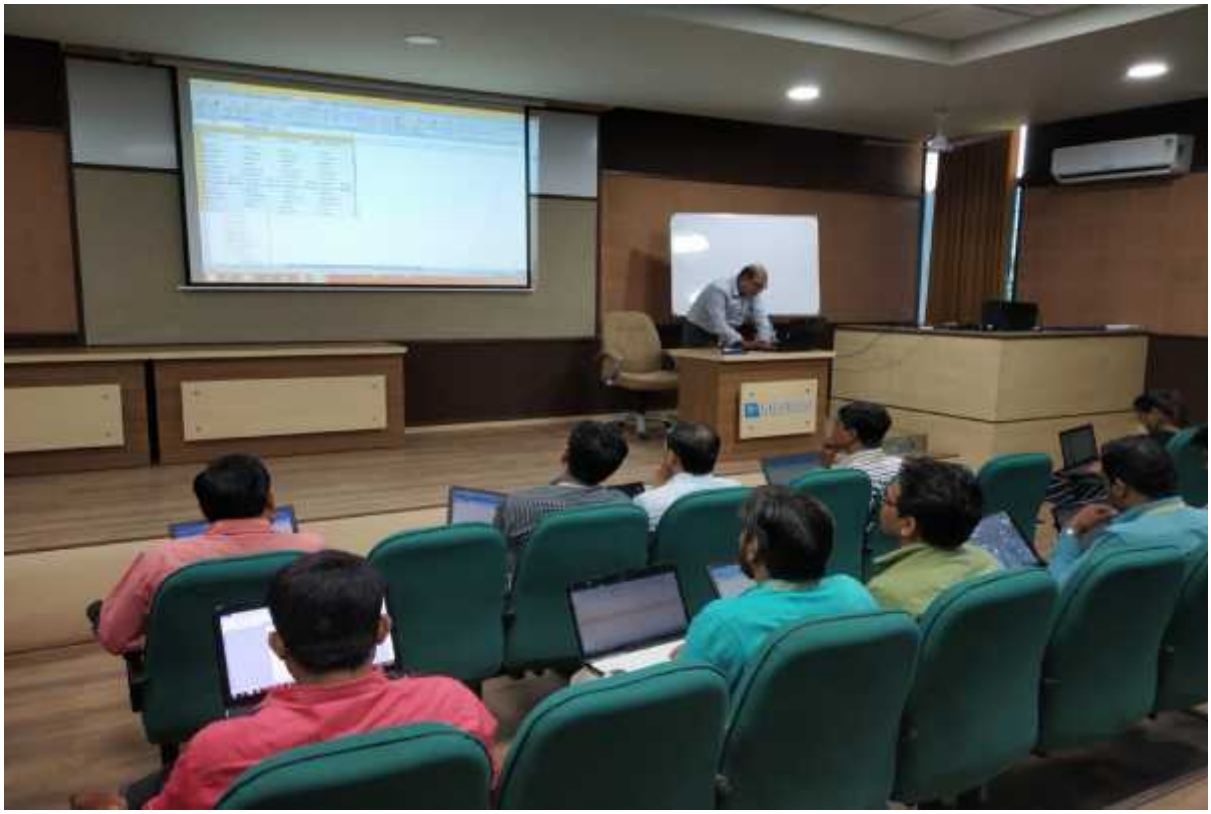
**Manikaka Topawala Institute of Nursing**

**Workshop on "Microsoft Excel"**

**Date: 21st September 2018**

**Venue: MTIN Auditorium**





# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY [CHARUSAT]

Faculty of Medical Sciences

## MANIKAKA TOPAWALA INSTITUTE OF NURSING

Report on

# "Workshop on Basics of Microsoft Excel for Nursing/ clinical/ Public health research"

**Date of event** : 21st September 2018

**Date of Submission** : 21st September2018

**Organizers** : MTIN

**Venue** : MTIN Auditorium


**Submitted By**

**Name** : Shah Hetal J.

**Designation** : Asst. Professor

**Department** : Nursing

**Email** : hetalshah.nur@charusat.ac.in


**Endorsed by**

**Principal**
**Seal and Signature**

# Report of Half Day Workshop on Basics of Microsoft Excel for Nursing/Clinical/Public health research

**Organised by**

**Manikaka Topawala Institute of Nursing on 21st September 2018**

**At**

**MTIN Auditorium**

**Introduction:**

Manikaka Topawala Institute of Nursing a constituent of Charotar University of Science and Technology moving towards its vision "To become a premier institute in the field of nursing Education, Practice & Research" & committed to get its mission "To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society" by organising various activities other than curriculum such as expert talk, Endowment chair, conferences and workshops every year since its inception to impart knowledge, awakening wisdom and transforming lives.

MTIN organised a half day Workshop in the month of September, Ideas and suggestion of staff were invited, we received huge response from dedicated faculty enthusiastically, keeping these ideas and suggestion we had discussion with Principal sir to finalize most needed theme for the workshop and looking at faculty members' feedback, we came up with theme "Basics of Microsoft Excel".

With the theme we starting hunting for efficient speakers, we had pool of experts with us, looking at their expertise and experience in the field, we invited a Guest Speaker **Prof(Dr.). Hemant Tiwari,** Assitant Professor, Smt NHL Municipal Medical College, Ahmedabad to deal with basics of using excel for nursing/clinical/public health research to deal with live demonstration regarding of Microsoft excel in health care.

**Theme and objectives of Workshop:**

**Theme: Basics of Microsoft Excel for Nursing/Clinical/Public health research**

**Objectives of Workshop**

- **Learning to create a data sheet in medical sciences**
- **Learning to draw a chart in medical sciences**
- **Learning to use Microsoft excel in medical sciences**
- **Learning to format and use different statistical formulae relating to medical sciences**

**AGENDA FOR WORKSHOP**

| Time | Topic | Resource Person |
|---|---|---|
| 9:30am—12:3opm | **Basics of Microsoft Excel for Nursing/Clinical/Public health research** | Prof.(Dr.) Hemant Tiwari<br>Assistant Professor,<br>Smt NHL Municipal Medical College<br>Ahmedabad |

**Session:**

Microsoft excel can be used to enter various data. Although we can use various software of computer for entering of data, Microsoft excels is the best software to enter the information of research.

Data entry can be done in two patterns. We can enter the information in single column as well as different columns. Formula can be started by = sign.

**How to sum up the data?**

We can select fx functioning or auto sum. In fx functioning we need to selected add the row and column. We can drag the data which is entered in first raw. Auto sum will do direct calcution with the option of average, sum-up, substation, etc.

Descriptive analysis- data analysis-Enova, correction, t-test, man ova can be calculated by the excel. Firstly, go to the data command. Secondly, use data analysis key after it and then enter the function what you need to check.

Samples are more than 30 than we can use t-test. If data values are not normal distributed, we need to use non-parametric test.

**Non parametric tests** are less efficient. Normal distributed data needed for parametric tests. Data can be transformed data in parametric tests. Excel can directly convert to the data in log.

How to find out the association? Categories can be used. chi square cannot used if data value is less than 5. Fisher chi square can be used in less than 5. Fisher chi square cannot available in excel.

**Various names of soft wares to calculate the data:**

1. EPI info. It is free from W.H.O. (world health organization). It is very easy and freely downloads. Or EPI 7 is available in market.it is a latest version and basics things are same in all versions except some updated features. It is free domain.

2. Graph pad –small software. Demo software and person is able to use it for 30 days. It has old version, which can be used for 30 times. It is also providing interpretation. You can add formula according to your need of calculation.
3. SPSS- it is very famous software and available in market.
4. CMC valor software- it is also used in simple manner. It has 250 Rs. liaison fees for government institute and 1000 Rs. For private institute.

NOTE: If samples are missed, ITT-intention can be used to treat. If row cannot fill up.it will show the error. Mode can be checked but data value must be repeated.

Regression will help in finding future value.

How to find out particular information of specific sample?

Use filter option in data command. For example; from male and female if researcher wants to find out male with particular age. Use filter and select triangle symbol near to that gender option.

**Filtering of data:**

**Conditional formatting** can be used for data coloring or for highlight the cells for particular purpose. For example, height from 150 to170 cm. To select conditioning formatting and select option of highlight and select between and colour option will come. Select any colour and selected data will come. We can check mean, average of only highlighted data. Main data will be in background level and whole data will not use.

**T test calculation:** use functional arguments. Check array1 and array2 and then specify tail number. Check unpaired test or paired test. Probability value will come.

Level of significance.5% means-data will come less than 0.5

Check in data analysis option about t-test value calculation.

T value if it is in minus. It is going in right or left side. Single tail or two tail probability both will come in computer. Researcher can choose tail according to his or her study and purpose of the study.

**How to enter data from SPSS to excel?**

Firstly, file –open SPSS command, secondly, open excel file and specify the file. Ask about specific worksheet. Final worksheet-press ok. Finally, excel data will come SPSS. Direct researcher can use that information on SPSS.

**Dimension reduction (used for tool):**

15-20 questions for questionnaire.

Validity can be checked by expert suggestions. Reliability can be checked by split half and alpha method.

Alpha method is also checking construct validity.

Sensitivity can be tested by ROC in SPSS.

SPSS software is very familiar and most of the researchers use SPSS software. One major drawback of software is that can give probability value 0. Researcher should keep in mind that, probability value cannot be 0

Computer will show all the details. Researcher has to choose the reliable information and needed information according to the purpose of the study.

**Feedback of faculty members:**

Faculty members have appreciated all the sessions as most of them mentioned that all the sessions were new and emerging in uses of excel in medical sciences.

**Suggestions/ Feedback by the faculty members:**

It was the great opportunity to acquire knowledge regarding basics excels in research.

It was effective theme and excellent delivery of content by the expert.

Hospitality and management in the workshop was appreciated.

The presentations of expert were helpful and interested. It was hands-on practice.

The way you organised workshop was fantastic. We want to get more knowledge about regression.

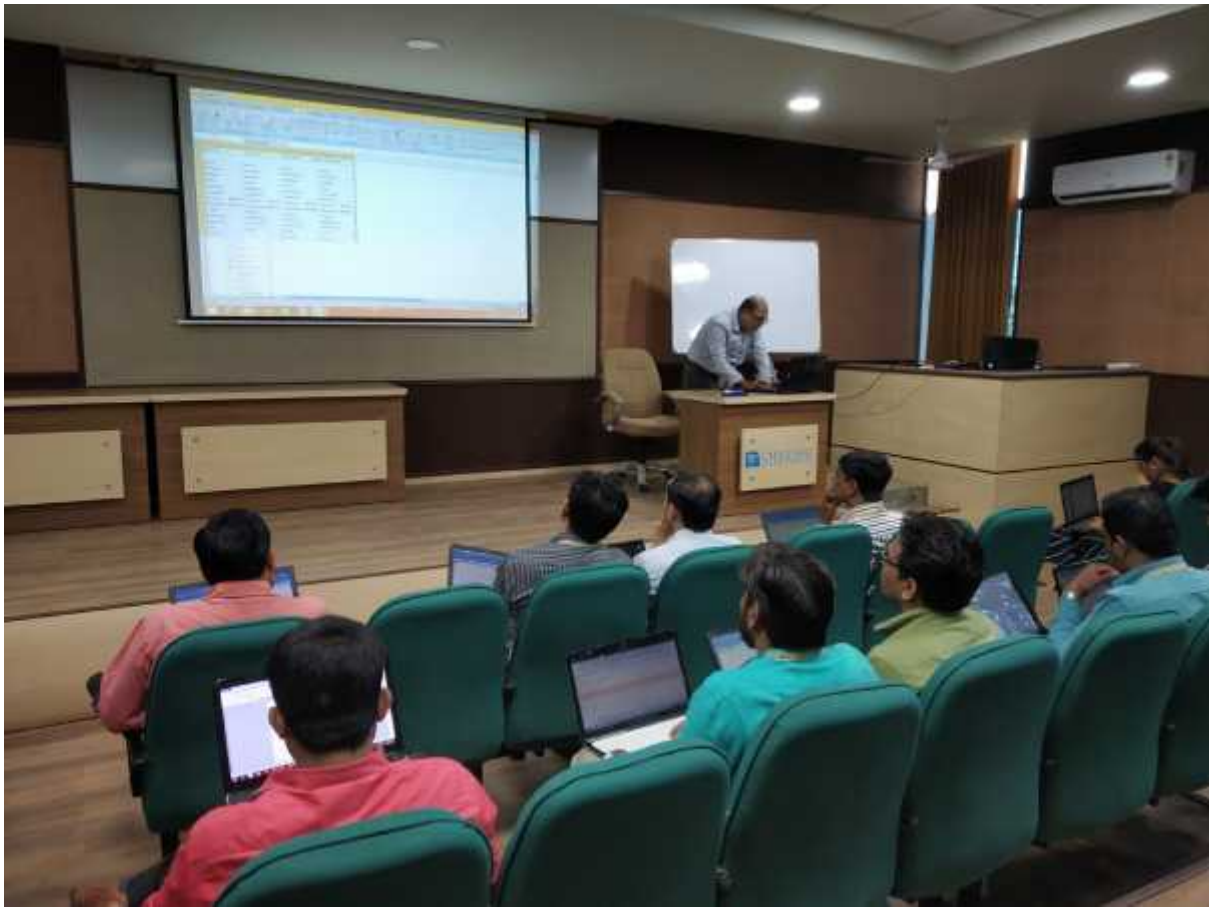
**Conclusion:**

Workshop on **Basics of Microsoft Excel for Nursing/Clinical/Public health research** organised by MTIN. We are grateful Prof.(Dr.) Hemant Tiwari, Dr. Anil Sharma, and Management of CHARUSAT for their constant guidance and continuous support.

Photo gallery :









**Feedback Analysis**

n=16

| Sr.No. | Workshop content and organization | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|
| 01 | The theme of the program and its aim | 14 | 02 | 00 | 00 | 00 |
| 02 | Projection and interactive facilities provided during the program. | 11 | 05 | 00 | 00 | 00 |
| 03 | Food arrangement | 08 | 07 | 01 | 00 | 00 |
| 04 | The content and its presentation. | 11 | 05 | 00 | 00 | 00 |
| 05 | The program administration and time management. | 12 | 04 | 00 | 00 | 00 |
| 06 | Hospitality | 11 | 05 | 00 | 00 | 00 |
| 07 | Speaker 1 | 13 | 04 | 00 | 00 | 00 |
| | | 80 | 32 | 01 | 00 | 00 |

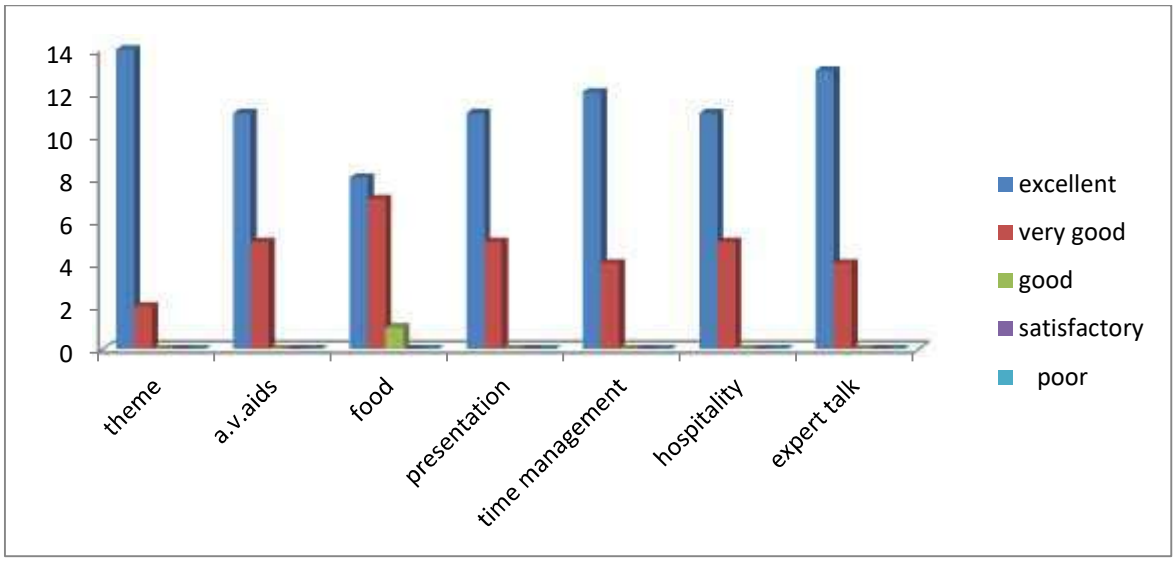



**Figure 1Feedback Analysis**

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Shalini Joshi <shalinijoshi.nur@charusat.ac.in>**

# Fwd: workshop on Right to education

2 messages

**Anjali Tiwari** <anjalitiwari.nur@charusat.ac.in> Mon, Jul 6, 2020 at 2:48 PM
To: Shalini Joshi <shalinijoshi.nur@charusat.ac.in>

---------- Forwarded message ---------
From: **Alpna Patel** <alpnapatel.nur@charusat.ac.in>
Date: Wed, Sep 26, 2018 at 1:18 PM
Subject: workshop on Right to education
To: kanan gamit <kanangamit.ph@charusat.ac.in>, Sonal Rami <sonalrami.it@charusat.ac.in>, Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>, Mitali Vedanti <mitalivedanti.cv@charusat.ac.in>, binit patel <binitpatel.mba@charusat.ac.in>, Dhaval Bhoi <dhavalbhoi.ce@charusat.ac.in>, Hardik Jayswal <hardikjayswal.it@charusat.ac.in>, Poonam Thanki <poonamthanki.ec@charusat.ac.in>, mihir patel <mihirrpatel.ee@charusat.ac.in>, Dattatraya Subhedar <dattatraya.me@charusat.ac.in>, Prabhin Sukumaran <prabhinsukumaran.cv@charusat.ac.in>, mansi paradkar <mansiparadkar.ph@charusat.ac.in>, Reshma Sable <reshmasable.mba@charusat.ac.in>, Janki Thakker <jankithakker.bt@charusat.ac.in>, Prakash Vaidhyalingam <prakashv.phy@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charusat.ac.in>, Ashwin Makwana <ashwinmakwana.ce@charusat.ac.in>, Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, Sharonkeral Raj <sharonkeralraj.nur@charusat.ac.in>, Ekta Macwan <ektamacwan.nur@charusat.ac.in>, anilkumar jarali <anilkumarjarali.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Nirali Honest <niralihonest.mca@charusat.ac.in>
Cc: Vijay panchal <vijaypanchal.cv@charusat.ac.in>, Principal MTIN CHARUSAT <principal.mtin@charusat.ac.in>

Dear Sir/ Madam,

As part of EOC we are organizing a workshop on “Right to Education” at MTIN auditorium on 08th October, 2018 Please find the notice for the same and inform the students to participate by filling registration form.

**Registration form is attached**

## EQUAL OPPORTUNITY CELL, CHARUSAT, CHANGA

## Notice

Date: 26th September, 2018.

This is informing to the students and staff of CHARUSAT that, Manikaka Topawala Institute of Nursing is organizing a workshop on “Right to Education” under the Equal Opportunity Cell (EOC), CHARUSAT, Changa.

| | |
|---|---|
| **Date of event** | 08th October, 2018 [Monday] |
| **Time/duration of event** | 02.00pm to 04.00 pm |
| **Name of event** | "Workshop on Right to Education " |
| **Venue** | MTIN Auditorium |
| **Name of Resource person** | Dr. Sulbha Natraj<br>HOD CREDP,<br>CHARUSAT, Changa. |

All the interested students and colleagues are required to register themselves by filling the registration form & submit to Ms. Alpna N. Patel, Nutrition lab, First floor, MTIN on or before 06th October, 2018 till 02.00pm.

**Please inform the students about the event and inform them to register by filling the attached registration form.**

**The registration is free. So please motivate students to participate.**

In case of any queries please feel free to communicate with me.

**Intercom no. 5217.**

**M. 9824724152**

**Thanks**

**Ms. Alpna Patel,**
Clinical Instructor,
MTIN, CHARUSAT,
Changa.
Mb No. 9824724152

--
**Ms. Anjali Tiwari**
Assistant Professor,
Manikaka Topawala Institute of Nursing,
CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
**Accredited 'A' Grade by NAAC - Govt. of India**
Changa, Ta-Petlad, Dt-Anand, Pin code-388421, Gujarat.
Contact no.: (O) 02697-265202 (M) 08141060265

**Registration form .docx**
16K

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**Anjali Tiwari** <anjalitiwari.nur@charusat.ac.in> Wed, Sep 9, 2020 at 11:57 AM
To: Shalini Joshi <shalinijoshi.nur@charusat.ac.in>

[Quoted text hidden]

**Registration form .docx**
16K

## EQUAL OPPORTUNITY CELL - CHARUSAT, CHANGA

Name of event : Right to Education

Date of event : 8/10/18

**Participant details**

| Sr. No. | ID No. | Name of student | Department / Institute | Sign |
|---|---|---|---|---|
| 1 | 17BMITC10 | Patel Chaitali | CIPS | |
| 2 | 17BMITC11 | Patel Chaymi | CIPS | |
| 3 | 17BMITC14 | Patel Drashti | CIPS | |
| 4 | 17BMITC12 | Patel Dhruvi | CIPS | |
| 5 | 17BMIT015 | Patel Drashti | CIPS | |
| 6 | 17BMIT016 | Patel Ekta. | CIPS | |
| 7 | 17BMIT007 | Patel Aesha. | CIPS | |
| 8 | 17BMIT002 | Desai Bhashwati | CIPS | |
| 9. | 17BMIT009 | Patel Axed. | CIPS | |
| 10. | 17BMIT006 | Parmar steven. | CIPS | |
| 11. | 16BMIT009 | Patel Drashti | CIPS | |
| 12. | 17BMIT001 | Shrey Chauhan | CIPS | |
| 13. | 16BCTH006 | Zalak Patel | CIPS | |
| 14 | 17BMITC29 | Vraj Patel | CIPS | |
| 15 | 17BMIT004 | Bhavya Hingu | CIPS | |
| 16 | 18BMIT002 | Chudasama Khushi | CIPS | |
| 17 | 18BMIT009 | Limbachiya Mayuri | CIPS | |
| 18. | 9008 | Dolly Sharma | CIPS | |
| | | | | |
| | | | | |

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## EQUAL OPPORTUNITY CELL - CHARUSAT, CHANGA

Name of event : Right to education

Date of event : 8/10/2018

Participant details

| Sr. No. | ID No. | Name of student | Department / Institute | Sign |
|---|---|---|---|---|
| 1 | 18BMIT010 | Kinjal. B. Panchal. | CIPS | Kinjal |
| 2 | 18BMIT003 | Kalpudi Y. Dalal | CIPS | Dalal |
| 3 | 18BMIT013 | Chaumi A Patel | CIPS | cAP |
| 4 | 18BOTAT005 | Aenali. R Patel. | CIPS | |
| 5 | 18BOTAT015 | Riya . N. Patel. | CIPS | Riya |
| 6. | 18BOTAT012 | Nidhi. D. Patel | CIPS | |
| 7. | 18BOTAT006 | Nidhi Nair | CIPS | |
| 8. | 18BOTAT002 | Ratna Bhaskar | CIPS | Ratna |
| 9. | 18BOTAT004 | Hemadri Chauhan | CIPS | |
| 10. | 16GNM012 | Parmar Kajal J. | Nursing | |
| 11. | 16GNM014 | Parmar Sweti K. | MTIN | |
| 12. | 16GNM006 | Gamit Kalpna. K. | MTIN | |
| 13. | 16GNM009 | Parmar Akansha. | MTIN | |
| 14. | 16GNM025 | Vyas Priya S. | MTIN | |
| 15. | ~~16GNM011~~ | . | | |
| | | | | |
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## EQUAL OPPORTUNITY CELL - CHARUSAT, CHANGA

Name of event : Right to education.

Date of event : 6/10/2018

Participant details

| Sr. No. | ID No. | Name of student | Department / Institute | Sign |
|---|---|---|---|---|
| 1. | 16GNM007 | Khisti Rishi S. | MTIN | |
| 2. | 16GNM021 | Solanki Smitkore | MTIN | |
| 3. | 16GNM011 | Thakor Raju | " | |
| 4. | 16GNM017 | Patel Harsh | " | |
| 5. | 16GNM015 | Pasmar Rozar | " | |
| 6. | 16GNM005 | Anthony Christie | MIT/CIPS | |
| 7. | 9006 | Dolly Sharma | MIT/CIPS | |
| 8. | 9013 | Mechakshi Tulyan | MIT/CIPS | |
| 9 | 9016 | Manna Debnath | | |

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## EQUAL OPPORTUNITY CELL - CHARUSAT, CHANGA

Name of event : Right to education

Date of event : 8/10/2018

Participant details

| Sr. No. | ID No. | Name of student | Department / Institute | Sign |
|---|---|---|---|---|
| 1. | 18BMIT006 | GAURAV JHA | CIPS | Gaurav Jha |
| 2 | 18BMIT011 | SHIVAM PANDYA | CIPS | |
| 3 | 18BMIT015 | KAUSHAL C PATEL | CIPS | |
| 4. | 18BMIT007 | JAI JOSHI | CIPS | Jai Joshi |
| 5. | 18BMIT005 | KRUNAL GOHEL | CIPS | K. Gohel |
| 6 | 18BMIT004 | Jay Patel | CIPS | |
| 7 | 18BOTAT001 | ANSARI RAJABABU | CIPS | |
| 8. | 18BOTAT018 | ~~Thakkar~~ THAKKAR PARTH | CIPS | P.K. Thakkar |
| 9 | 18BOTAT017 | TALPADA NIKUL KUMAR.J | CIPS | Nikul J. |
| 10 | 18BOTAT011 | Hesha Ashokbhai Patel | CIPS | |
| 11 | 18BMIT012 | Patel Asthaa Ajaybhai | CIPS | Patel |
| 12 | 16GTMM015 | patel Anjali. K | MTIN | Patel |
| 13 | 16GTMM016 | patel chand. A | MTIN | C.A Patel |
| 14 | 16GTMM026 | Zala Tanmay M | MTIN | T. M. Zala |
| 15 | 16GTMM002 | Bhabhor Surekha D | MTIN | Surekha |
| 16. | 16GTNM011 | Parmar Bhumikaba | MTIN | Bhumi |
| 17 | 16GTNM008 | Nishtry Jahanvi. M | MTIN | Jahanvi |
| 18 | 16GTNM020 | Solanki Dharti. A | MTIN | Dharti |
| 19 | 16GTNM019 | Pachchani Komal. B | MTIN | Komal |
| 20 | 16GTNM018 | Patel Mercy. C | MTIN | Mercy |

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MTIN
Manikaka Topawala Institute of Nursing

# MANIKAKA TOPAWALA INSTITUE OF NURSING

**A CONSTITUENT OF CHAROTAR UNVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**

*Accredited 'A' grade by NAAC*

## EVENT / ACTIVITY

Workshop on Right to Education on 08/10/2018 at MTIN.

Report submitted on: 16/10/18

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**CHARUSAT UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT),**
**CHANGA – 388 421**

**EQUAL OPPORTUNITY CELL**

## Event Report

**Name of Department** : **Manikaka Topawala Institute of Nursing**

**Name of Event** : **Workshop on Right to Education**

**Date and Time of Event** : **08/10/2018**

**Event coordinator** : **Ms. Alpna N. Patel**

**Resource person details:**

| Sr. No. | Name of the resource person | Organization of resource person |
|---|---|---|
| 1. | **Ms. Sulabha Natraj** | Head, CREDP,<br>CHARUSAT, Changa. |

**Event Schedule:**

| Date | Time | Session | Activity |
|---|---|---|---|
| 08/10/2018 | 02.00pm to 04.00pm | Right to Education | Workshop |

**Summary of the Event (Maximum 200 words):**

**Report**

We MTIN organized an Workshop on "***Right to Education for students & faculties of CHARUSAT***" on 08th October, 2018 at MTIN auditorium. We have invited experts from Charotar Rural Education Programme (CREDP) to deliver their expertise on this theme. The participants were paramedical science students, teachers, nursing students & nursing teachers. 3rd year GNM Nursing students from MTIN & 1st & 2nd year students from para medical science students were6participated. Total 70 students & 04 faculties from CHARUSAT were participated in this workshop. The registration was started at 01.30pm on wards & sessions was started at 02.00pm am & end at 04.00pm.

The theme of workshop and its importance was delivered by Mrs. Alpna Patel. Moreover, She also introduced about EOC, MTIN & todays experts to all.

The session was delivered by Ms. Sulabha Natraj mam She gave introduction on topic and then

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children in schools a state prerogative. A limitation of RTE is that it applies only to elementary education.

**Challenges to RTE**

According to the 2001 census, 8.5 crore children were out of school in India. However, latest figures from the Human Resource Development Ministry put the number at 80 lakh. This disparity is because the government has been trying to divide the children into two sections. According to the National Crime Records Bureau, every year around 65,000 children fall victim to trafficking. Only 10% of such cases are registered with the police. Officially, therefore, only 6,500 children are trafficking victims. Besides this, around 1.20 crore children are involved in child labour (2001 census), keeping them out of school. One of the sections into which the government has tried to divide out-of-school children is those who have never enrolled in school. But here the question arises: if these children have never been enrolled in school how have they been counted? By which agency? And what was the methodology adopted? The second section includes children who have dropped out of school. Children who do not attend school for three months are considered to have dropped out. In some states the period is 15 days; in others it's one month. Taking these two sections together, the total number of out-of-school children is around 80 lakh. Even if the 80 lakh figure is correct, it's still a huge number and the children are not out of school because of choice. To believe that the RTE Act will magically put all such kids into classrooms would be naive. Some states have claimed that there has been a jump of 120% in school admissions. However, a recent survey under the Sarva Shiksha Abhiyan programme in Rajasthan found that 12 lakh children were out of school. Of these, 7.13 lakh children were girls and the rest were boys. Other states must carry out similar studies.

**The RTE Act provides for the following.**

- Right of children to free and compulsory education till completion of elementary education in a neighborhood school.
- It clarifies that 'compulsory education' means obligation of the appropriate government to provide free elementary education and ensure compulsory admission, attendance and completion of elementary education to every child in the 6 to 14 age group. 'Free' means that no child shall be liable to pay any kind of fee or charges or expenses which may prevent him or her from pursuing and completing elementary education.
- It makes provisions for a non-admitted child to be admitted to an age appropriate class.
- It specifies the duties and responsibilities of appropriate Governments, local authority and parents in providing free and compulsory education, and sharing of financial and other responsibilities between the Central and State Governments.
- It lays down the norms and standards relating to Pupil Teacher Ratios (PTRs), buildings and infrastructure, school-working days, teacher-working hours.
- It provides for rational deployment of teachers by ensuring that the specified pupil teacher ratio is maintained for each school, rather than just as an average for the State or District or Block, thus ensuring that there is no urban-rural imbalance in teacher postings. It also provides for prohibition of deployment of teachers for non-educational work, other than decennial census, elections to local authority, state legislatures and parliament, and disaster relief.
- It provides for appointment of appropriately trained teachers.
- It prohibits (a) physical punishment and mental harassment; (b) screening procedures for admission of children; (c) capitation fee; (d) private tuition by teachers and (e) running of schools without recognition,

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education, it is not in term of only book knowledge it is in term of skill, expertise, education. It is need of today's era. It is Essential for other rights. Education is a fundamental human right and essential for the exercise of all other human rights. It promotes individual freedom and empowerment and yields important development benefits.

**Registration fee (if any):** No registration fees.

**No. of Participants:** 60

**List of participants:** Attached attendance sheet of participants.

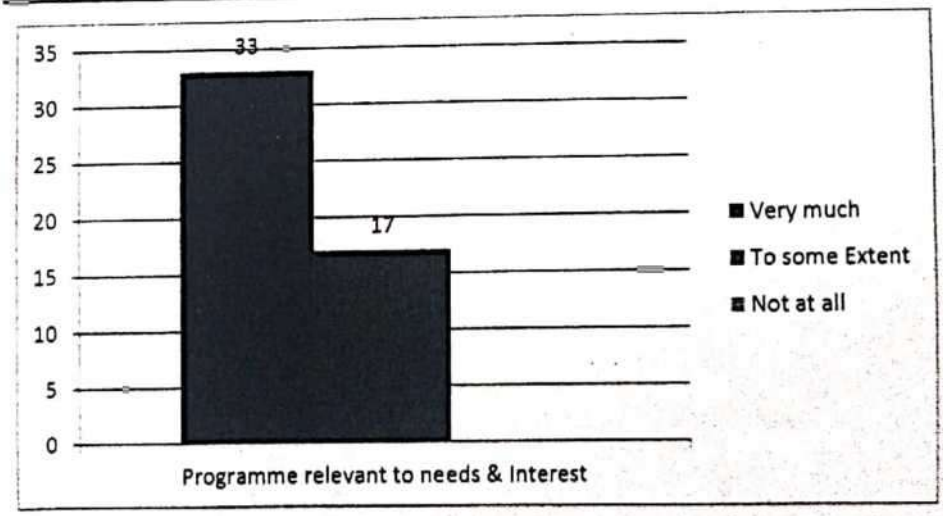
**Accounts details:**

| Sr. No. | Details | Rupees |
|---|---|---|
| **Income** | | |
| 1. | CHARUSAT, Changa | 5000/-Rs. |
| **Expenses** | | |
| 1. | Banner | 500/- |
| 2. | Certificates for experts & participants | 600/- |
| **Total** | **One thousand one hundred only** | **1100/-** |

**OVERALL IMPACT OF EXPERT SESSION:** Excellent

## ANALYSIS REPORT OF FEEDBACK FORM

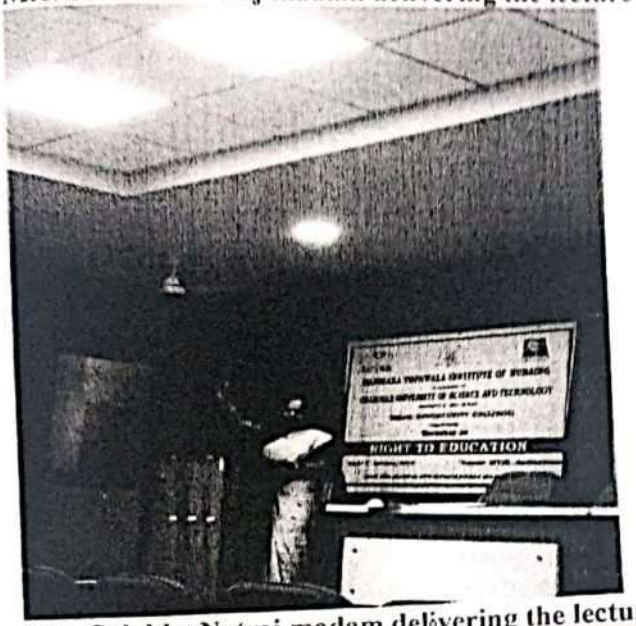
**Programme relevant to needs & Interest**



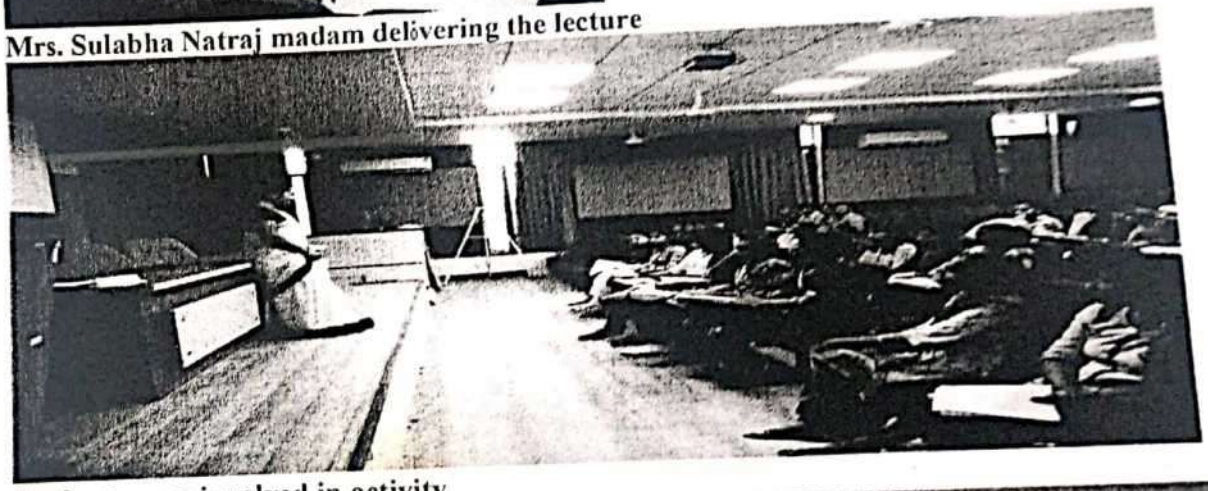

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**Photographs of the event with captions:**

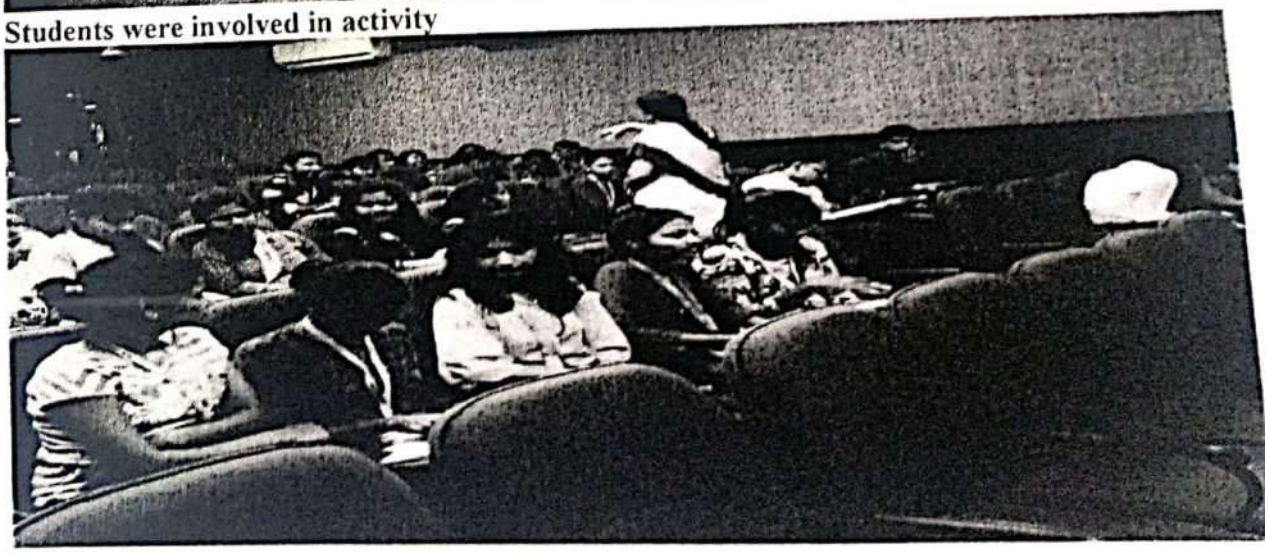
**Mrs. Sulabha Natraj madam delivering the lecture**




**Mrs. Sulabha Natraj madam delivering the lecture**



**Students were involved in activity**



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**Manikaka Topawala Institute of Nursing**

**Workshop on "Right to education"**

**Date: 8th October 2018**

**Venue: MTIN Auditorium**




**The resource person addressing the group**



**Participants getting involved in the exercise**



**The participants**

CHARUSAT

**Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>**

# Invitation for World Mental Health Day-2018

1 message

**Deepak Krishnamurthy** <deepakk.nur@charusat.ac.in> Wed, Oct 10, 2018 at 10:13 AM
To: Alpna Patel <alpnapatel.nur@charusat.ac.in>, anil patidar <anilpatidar.nur@charusat.ac.in>, anilkumar jarali <anilkumarjarali.nur@charusat.ac.in>, Anju Jackson <anjujackson.nur@charusat.ac.in>, arpan pandya <arpanpandya.nur@charusat.ac.in>, aruna jani <arunajani.nur@charusat.ac.in>, Bapu Khodnapur <bapukhodnapur.nur@charusat.ac.in>, binal joshi <binaljoshi.nur@charusat.ac.in>, Chirag Jain <chiragjain.nur@charusat.ac.in>, devangi sharma <devangisharma.nur@charusat.ac.in>, Divya Jain <divyajain.nur@charusat.ac.in>, franny emmanuel <frannyemmanuel.nur@charusat.ac.in>, Glory Waghela <glorywaghela.nur@charusat.ac.in>, Hetal Shah <hetalshah.nur@charusat.ac.in>, Jalpa Prajapati <jalpaprajapati.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, jayesh patidar <jayeshpatidar.nur@charusat.ac.in>, Jigisha Shrimali <jigishashrimali.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, ravi barot <ravibarot.mtin@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Sharonkeral Raj <sharonkeralraj.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, soni kushawaha <sonikushawaha.nur@charusat.ac.in>, Vipin Vageriya <vipinvageriya.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, Anjana Suthar <anjanasuthar.nur@charusat.ac.in>, Raxesh Mistry <raxeshmistry.nur@charusat.ac.in>, Rutvi Thakor <rutvithakor.nur@charusat.ac.in>
Cc: Principal MTIN CHARUSAT <principal.mtin@charusat.ac.in>

**Dear Sir/Madam**
It's my privilege to invite you all for world Mental Health Day celebration 2018 @ MTIN Auditorium, we have planned following activities for our students
**Day 1, 10.10.2018**
**Time: 2.15-4.15 pm**
1. Quiz competition
2. Pick and speak (Topics will be related to Mental Health & Illness)

**Day 2 11.10.2018**
**Time: 10:00 am - 12.00 Noon**
**Venue: MTIN Auditorium**
**Expert session** from renowned Expert Dr. S. Gopal Dev (**http://www.universalfoundation.net/about.php**) for your further reference) who will be disseminating his expertise on Crystal therapy, Rekhi, EFT and other alternative system of medicine in promoting Mental Health of young people in changing world.

**Groups involved in Expert session** : M.Sc.Nursing III semester, B.Sc.VII semester, GNM II & III Year.

Interested faculty can attend Expert session adjusting your load.

--

With regards
**Deepak.K**
**Assistant Professor**
**Manikaka Topawala Institute of Nursing,**
**CHARUSAT campus, Changa,**
CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
**ACCREDITED WITH "A" GRADE BY NAAC, GOI**
**Ta-Petlad, Dt-Anand,**
**Gujarat-388421**
**Intercom no.: 5204**

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**Manikaka Topawala Institute of Nursing**

| Sr. No. | Student name | Student ID | Attendance |
|---|---|---|---|
| 1. | BARAIYA SURBHEEBEN NARENDRASINH | 17BN001 | P |
| 2. | BARIA NEHALBEN KIRTIBHAI | 17BN002 | P |
| 3. | BHABHOR BHAVANABEN RANJITBHAI | 17BN003 | P |
| 4. | BRAHMBHATT BANSARIBEN JITENDRAKUMAR | 17BN004 | P |
| 5. | JADAV VRUNDABEN AJABSINH | 17BN005 | P |
| 6. | JOSHI DRASHITIBEN RAJENDRAKUMAR | 17BN006 | P |
| 7. | MACWAN PRINCYBEN MUKESHBHAI | 17BN007 | P |
| 8. | MACWAN RIPAL BINYAMIN | 17BN008 | P |
| 9. | MACWAN SNEH KIRANKUMAR | 17BN009 | P |
| 10. | MAKWANA STUTIBEN MAHESHBHAI | 17BN010 | P |
| 11. | OZA CHANDNI BHARATKUMAR | 17BN011 | P |
| 12. | PADHIYAR ZINALBEN RAJESHBHAI | 17BN012 | P |
| 13. | PAREKH KRUSHALIBEN PINKESHBHAI | 17BN013 | P |
| 14. | PARMAR ANJALIBEN SURESHKUMAR | 17BN014 | P |
| 15. | PARMAR AYUSHI JITENDRASINH | 17BN015 | P |
| 16. | PARMAR BHAGAVATIBEN VINUBHAI | 17BN016 | P |
| 17. | PARMAR HEENA VINODBHAI | 17BN017 | P |
| 18. | PARMAR HINAL JAYANTIBHAI | 17BN018 | P |
| 19. | PARMAR MANSI MAHESH | 17BN019 | P |
| 20. | PARMAR TRUPTIBEN DINESHBHAI | 17BN020 | P |
| 21. | PARMAR VAIBHAV ISHVARBHAI | 17BN021 | P |
| 22. | PATEL ASHVI RAJESHBHAI | 17BN022 | P |
| 23. | PATEL AVI JITENDRAKUMAR | 17BN023 | P |
| 24. | PATEL BHAVIKABEN SANJAYKUMAR | 17BN024 | P |
| 25. | PATEL CHARMI SHITALBHAI | 17BN025 | P |
| 26. | PATEL DEVANSHI ANANTKUMAR | 17BN026 | P |
| 27. | PATEL HARSHITABEN DIXITKUMAR | 17BN027 | P |
| 28. | PATEL HINALBEN VIPULBHAI | 17BN028 | P |
| 29. | PATEL JAYSHRIBEN RAJUBHAI | 17BN029 | P |
| 30. | PATEL JHINALBEN KAUSHIKKUMAR | 17BN030 | P |
| 31. | PATEL KENI SANJAYKUMAR | 17BN031 | P |
| 32. | PATEL KHUSHBU PANKAJBHAI | 17BN032 | P |
| 33. | PATEL KHUSHI MANOJKUMAR | 17BN033 | P |
| 34. | PATEL KRISHABEN SANDIPKUMAR | 17BN034 | P |
| 35. | PATEL MAITRIBEN JAYESHBHAI | 17BN035 | P |

| | | | |
|---|---|---|---|
| 36. | PATEL MANALI MINESHKUMAR | 17BN036 | P |
| 37. | PATEL MANSI BHASKARBHAI | 17BN037 | P |
| 38. | PATEL MANSIBEN HARSHADBHAI | 17BN038 | P |
| 39. | PATEL MAUSAMBEN BHAVESHKUMAR | 17BN039 | P |
| 40. | PATEL NANCY AMITKUMAR | 17BN040 | P |
| 41. | PATEL NEHABEN SUDARSHANBHAI | 17BN041 | P |
| 42. | PATEL NIYATI SURESHBHAI | 17BN042 | P |
| 43. | PATEL RIDDHI NILESH | 17BN043 | P |
| 44. | PATEL ROSHANI MANHARBHAI | 17BN044 | P |
| 45. | PATEL SARGIBEN RAJESHBHAI | 17BN045 | P |
| 46. | PATEL SHIVANIKUMARI ARVINDBHAI | 17BN046 | P |
| 47. | PATEL SHRUTI VIPINBHAI | 17BN047 | P |
| 48. | PATEL SNEHABEN KALPESHKUMAR | 17BN048 | P |
| 49. | PATEL SRUSHTIBEN KAMLESHBHAI | 17BN049 | P |
| 50. | PATEL VIDHI SANJAYBHAI | 17BN050 | P |
| 51. | PATEL VIKESHA DILIPBHAI | 17BN051 | P |
| 52. | PATEL VRAJ PRAVINBHAI | 17BN052 | P |
| 53. | PRAJAPATI JAYANABEN PRAVINBHAI | 17BN053 | P |
| 54. | PRAJAPATI TANVI KAMLESHBHAI | 17BN054 | P |
| 55. | RATHOD HINAL NARENDRABHAI | 17BN055 | P |
| 56. | RATHOD PINTUBEN RAMANBHAI | 17BN056 | P |
| 57. | RAVAL JEVIN JITENDRABHAI | 17BN057 | P |
| 58. | SHELAT JAHNAVIBEN YOGESHKUMAR | 17BN058 | P |
| 59. | SOLANKI SHREYA DIPAKKUMAR | 17BN059 | P |

**(A constituent of CHARUSAT)**
**Accredited with "A" Grade by NAAC and KCG**
**Batch2017-21, Program: B.Sc. Nursing**

**Signature of the Organizer**

MTIN
Manikaka Topawala Institute of Nursing

# MANIKAKA TOPAWALA INSTITUE OF NURSING

## A CONSTITUENT OF CHAROTAR UNVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

*Accredited 'A' grade by NAAC*

## EVENT / ACTIVITY

World Mental Health Day Celebration on 10th & 11th October, 2018 at MTIN

Report submitted on: 16/10/2018

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY [CHARUSAT]

Faculty of Medical Sciences

# MANIKAKA TOPAWALA INSTITUTE OF NURSING

## Report on

## "WORLD MENTAL HEALH DAY CELEBRATION"

| | |
|---|---|
| **Date of event** | **:10th & 11th October, 2018** |
| **Date of Submission** | **: 10th & 11th October, 2018** |
| **Organizers** | **: Mental Health Nursing Department** |
| **Venue** | **: MTIN Auditorium** |


**Submitted By**

**Name** : **Mr. Deepak Krishnamurthy**

**:Mr. Jayesh Patidar, Mr. Anil Jarali & Ms. Hetal Shah**

**Email ID** : **deepakk.nur@charusat.ac.in**


**Endorsed by**

12/10/18

**Principal**

MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS - CHANGA.
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)

**Seal and Signature**

MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS CHANGA

## Report of World Mental Health day celebration
### Organised by
### Mental Health Nursing Department
### At
### MTIN Auditorium

**Introduction:**

Manikaka Topawala Institute of Nursing a constituent of Charotar University of Science and Technology moving towards its vision "To become a premier institute in the field of nursing Education, Practice & Research" & committed to get its mission "To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society" by organising various activities other than curriculum such as expert talk, day celebration, Endowment chair, conferences and workshops every year since its inception to impart knowledge, awakening wisdom and transforming lives.

Mental Health Nursing department organised a half day Workshop in the month of October, Ideas and suggestion of specialized staff and post graduate students were invited, we received huge response from dedicated faculty enthusiastically, keeping these ideas and suggestion we had discussion with Head of the Department &Principal sir to finalize the activities on theme of world mental health day.We divided our day celebration in two days. We have arranged quiz and pick & speak on 10th October and half day workshop of Dr.GopalDev on 'meditation and self-empowerment' on 11th October 2018

***Agenda of the programme:***

| ***10th october,2018*** |
|---|
| 1.Speech by Principal Sir |
| 2. Speech by Head of the Department of Mental Health Nursing |
| 3. unfolding of theme –young people & mental health with changing world |
| 4. activities – quiz and pick & speak |
| 5. declaration of winners of activities |
| 6. vote of thanks |

| |
|---|
| ***11th October,2018*** |
| 1.Welcome speech |
| 2.Workshop held on meditation by Dr. GopalDev |
| 3. Refreshment |
| 4. Workshop held on self-empowerment by Dr. GopalDev |
| 5. prize distribution of winners of activities held on 1oth October, 2018 |
| 6. vote of thanks |

***10th October, 2018***

- Dr. Anil Sharma (Principal of MTIN) had given speech for world mental health day celebration. He told about the meaning of the theme of young people and mental health with changing world and what is the importance of this day. He explained related to the importance of mental health and the changing scenario of depression and suicide.
- Mr. Deepak K. (Head Of the Department of Mental Health Nursing) explained about the importance of day celebration and he gave the agenda of the programme.
- Ms. Mansi Patel unfolded the theme and she elaborated about the theme.

  The best path to lifelong wellness is one thatstarts with good mental health. Young peoplethat grow up with additional stressors due to theeffects of trauma, transgender discrimination,major mental illness, bullying and suicide are farmore likely to have mental health issues throughoutthe rest of their lives.

  World Mental Health Day 2018 will show theimportance of creating more services and bettercare for our young people, and the issues theyare experiencing the most these days. The actsof prevention, early interventions, resilience,available information and services are the keyfactors in creating a healthy future for our youngpeople.
- Quiz held by Post graduate students. 3rd semester M.Sc. nursing students, 7th semester B.Sc. nursing students and 2nd year G.N.M. students were participated. There were two rounds. First round was about general knowledge questions &

second round was about psychiatry subject. Lastly, there was tie between three groups and again three questions had been asked. 2nd year G.N.M. got 1st prize in the quiz programme.

- Pick & speak round was held. 3rd semester M.Sc. nursing students, 7th semester B.Sc. nursing students and 2nd year G.N.M. students were participated. They had spoken on different topics like mania, depression, suicide, stress, anger , etc. in that, Miss. VasavaJayshree stood for 1st prize and Mr. Christi Anthony had taken 2nd position.
- Vote of thanks was given by PG student.

***11th October, 2018***

- Mr. Deepak K. had given welcome speech. He welcomed to expert of workshop and he explained about the importance of mediation and self-empowerment.
- Dr.Gopal Dave had held the workshop on meditation and self- empowerment. He explained as below:
- **Meditation:**

  As per the Recent Research from New York Times, Meditation is good for Brain. It appears to increase grey matter, Improving Immune System & promote Sense of Well-being.USA Today says, Meditating for just 20 minutes in a day generates energy to Cure Disease, Anxiety & Stress. Measurably, level of stress & Harmon's. Mind is a Universe`s Partner. It has 50% rights like others mind. We have same rights i.e Bill Gates is there, same way I am here. Every thought is inter connectedThoughts or facts, all are energy. Clear imagine become more receptive.

  **Obstacles:**

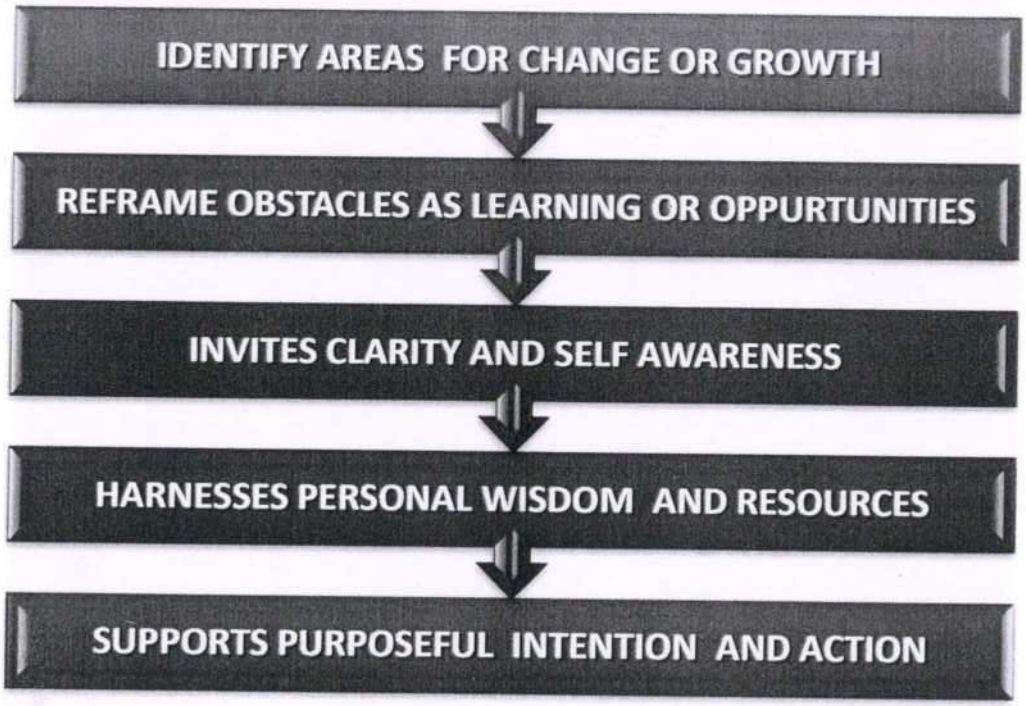
- **Duality**
- **Lack of ability**
- **No Confidence in Nature / Universe**
- **Doubt in Intention / Demand**
- **Non – Acceptability**
- **Lack of Determination**
- **Self-Power Determination**
- **May be or May not**
- **Fear – If I get, what will I do of that Money?**
- **Frustration**

- **Impatience**

❖ **Self-empowerment:**

Empowerment refers to increasing the spiritual, political, social, or economic strength of individual and communities. It often involves the empowered developing confidence in their own capacities

**Benefits of self-empowerment:**




❖ Lastly, prize distribution had been done &Mr,Jayesh Patidar has given vote of thanks.

**Conclusion:**

World Mental health day celebration had been divided in two days. We have arranged quiz and pick & speak on 10th October and half day workshop of Dr.GopalDev on 'meditation and self-empowerment' on 11th October 2018. It was effective and participants as well as audience had enjoyed quiz and pick and speak. Workshop of meditation and self-empowerment was beneficial to participants in their day to day life and they made aware themselves for daily meditation benefits.

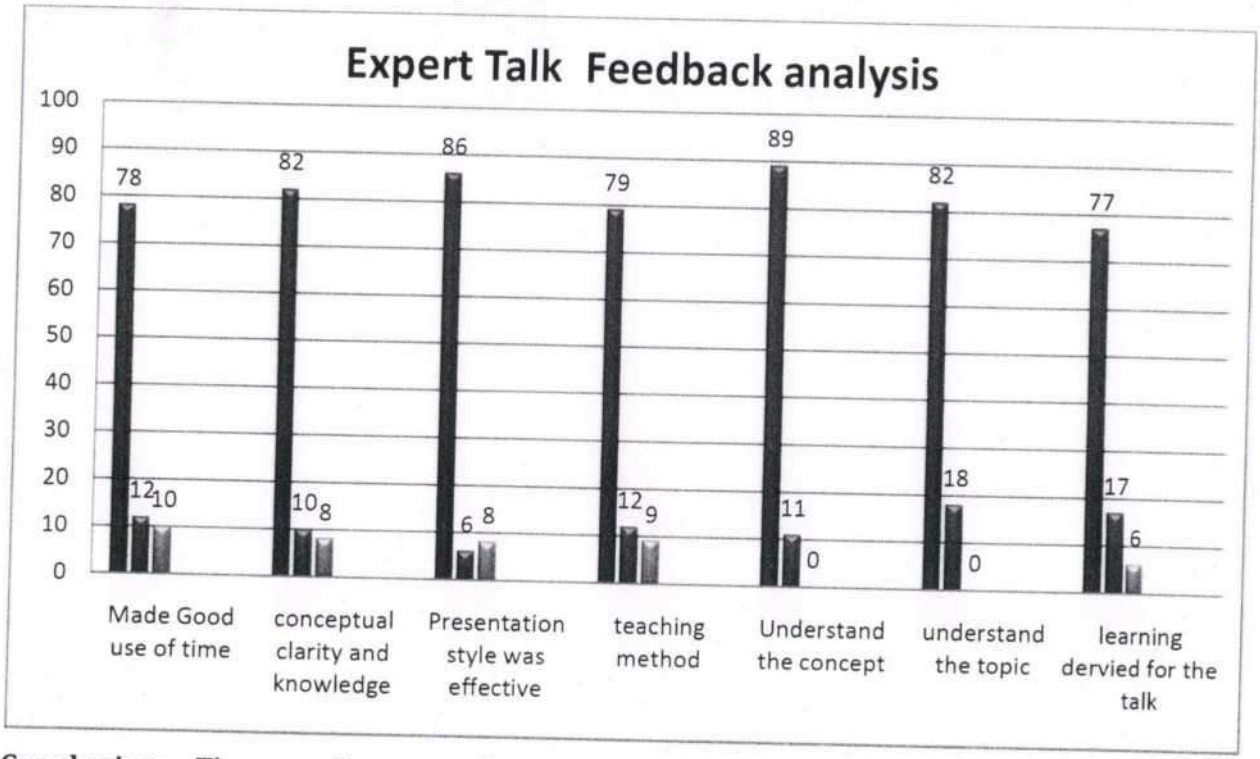
**Feedback Analysis report**

A. Number of participants 100

n=100

| Statement | Excellent | Very good | Good | Satisfactory | Poor |
|---|---|---|---|---|---|
| 1. The Resource person mad good use of the time allotted. | 78 | 12 | 10 | - | - |
| 2. The Resource person had conceptual clarity and knowledge about the topic | 82 | 10 | 8 | - | - |
| 3. The Resource person presentations style was effective in helping to learn | 86 | 6 | 8 | - | - |
| 4. The Teaching method used were appropriate for the audience | 79 | 12 | 9 | - | - |
| 5. I understood the concepts as presented in the talk | 89 | 11 | - | - | - |
| 6. The talk improved my understanding of the topic | 82 | 18 | - | - | - |
| 7. The learning derived for the talk will be useful to me in | 77 | 17 | 6 | - | - |

B. Analysis depicted through graphs.




**Conclusion: -** The overall expert talk was Good and useful for M.Sc. B.Sc. and G.NM. Nursing students specially meditation and self-empowerment. The student learnt new thing that how we can solve the difficulties by improving concentration .It is also helpful for increase confidence level and overcome the problems.

## Photo gallery















SELF EMPOWERMENT SECRETS














MANIKAKA TOPAWALA
INSTITUTE OF NURSING

## Manikaka Topawala Institute of Nursing

## Workshop on "World Mental Health Day"

## Date: 11.10. 2018

## Venue: MTIN Auditorium and Hospital




**Principal delivering speech**



**The organizers and the participants**





CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Shalini Joshi <shalinijoshi.nur@charusat.ac.in>**

# Fwd: Work Shop On " Neonatal Nursing"

2 messages

**Vipin Vageriya** <vipinvageriya.nur@charusat.ac.in> Fri, Jul 3, 2020 at 1:48 PM
To: Shalini Joshi <shalinijoshi.nur@charusat.ac.in>
Cc: Rameshwari Zala <rameshwarisolanki.nur@charusat.ac.in>

Invitation mail of workshop on "Neonatal nursing" on 6th April-2019

Mr. Vipin Vageriya
Asst. Professor
Manikaka Topawala Institute of Nursing
A Constituent of Charotar University of Science and Technology
Grade "A" by National Assessment & Accreditation Council(NAAC)
CHARUSAT-Changa
Ta.-Petlad Dist. Anand(Gujrat)
Pin-388421
Mob. No-7874038375
Land Line/Ext. No-02697-265204/5204

---------- Forwarded message ---------
From: **Rameshwari Zala** <rameshwarisolanki.nur@charusat.ac.in>
Date: Fri, Apr 5, 2019 at 3:50 PM
Subject: Work Shop On " Neonatal Nursing"
To: Alpna Patel <alpnapatel.nur@charusat.ac.in>, anil patidar <anilpatidar.nur@charusat.ac.in>, Anju Jackson <anjujackson.nur@charusat.ac.in>, arpan pandya <arpanpandya.nur@charusat.ac.in>, aruna jani <arunajani.nur@charusat.ac.in>, Bapu Khodnapur <bapukhodnapur.nur@charusat.ac.in>, binal joshi <binaljoshi.nur@charusat.ac.in>, Chirag Jain <chiragjain.nur@charusat.ac.in>, Divya Jain <divyajain.nur@charusat.ac.in>, franny emmanuel <frannyemmanuel.nur@charusat.ac.in>, Glory Waghela <glorywaghela.nur@charusat.ac.in>, Hetal Shah <hetalshah.nur@charusat.ac.in>, Jalpa Prajapati <jalpaprajapati.nur@charusat.ac.in>, jamin chauhan <jaminchauhan.nur@charusat.ac.in>, jayesh patidar <jayeshpatidar.nur@charusat.ac.in>, Rameshwari Solanki <rameshwarisolanki.nur@charusat.ac.in>, Sapna Patel <sapnapatel.nur@charusat.ac.in>, Shilpa Dalwadi <shilpadalwadi.nur@charusat.ac.in>, siddaram sarate <siddaramsarate.nur@charusat.ac.in>, Vipin Vageriya <vipinvageriya.nur@charusat.ac.in>, Anjali Tiwari <anjalitiwari.nur@charusat.ac.in>, Rutvi Thakor <rutvithakor.nur@charusat.ac.in>, Muneer Ferzana <muneerferzana.nur@charusat.ac.in>, Pratiksha Sharma <pritikshasharma.nur@charusat.ac.in>, Nirali Patel <niralipatel.nur@charusat.ac.in>, Jinal Suthar <jinalsuthar.nur@charusat.ac.in>, Hemali Panchal <hemalipanchal.nur@charusat.ac.in>, Mahesh Chand <maheshchand.nur@charusat.ac.in>, Meet Patel <meetpatel.nur@charusat.ac.in>, Priyanka Talpada <priyankatalpada.nur@charusat.ac.in>, Ankit Christian <ankitchristian.nur@charusat.ac.in>, Angelina Makwana <angelinamakwana.nur@charusat.ac.in>, Deepak Krishnamurthy <deepakk.nur@charusat.ac.in>
Cc: Principal MTIN CHARUSAT <principal.mtin@charusat.ac.in>

Respected Sir/Mam,

Its our great plesure to invite you during workshop on "Neonatal nursing" orgaised by 2nd Semester M.Sc. Nursing for 8th Semester B.Sc. Nursing studnets on 6th April, 2019 durig 1:00 pm to 4:00 pm.
The workstation and venues are as follows:

| Work station | Venue |
|---|---|
| S1 – Care of newborn with CPAP | Vimalben J Patel Skill Lab |
| S2 – Neonatal resuscitation | Nutrition Lab |
| S3 - Administration of medication in children | MCH Lab |
| S4- Feeding practices in new-born | Nursing Foundation Lab |

Your valuable presence is highly appreciated and will motivate students.

**Regards**
**Mrs. Rameshwari Zala**
Assistant Professor
Manikaka Topawala Institute of Nursing
CHARUSAT Campus, Changa.
Accredited Grade A by NAAC
**Contact No.:09586635421**


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**Shalini Joshi** <shalinijoshi.nur@charusat.ac.in> Fri, Jul 3, 2020 at 1:49 PM
To: Vipin Vageriya <vipinvageriya.nur@charusat.ac.in>

thank you so much
Shalini Joshi
Assistant Professor
MTIN

[Quoted text hidden]

## CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY [CHARUSAT]

## MANIKAKA TOPAWALA INSTITUTE OF NURSING

### Semester/Year: 7th Semester/4th Year B.Sc. Nursing (2015-19)

| ID. No. | Student Name | Attendance |
|---|---|---|
| | | P |
| 15BN001 | Chauhan Khyatiben Rameshbhai | P |
| 15BN002 | Desai Nishtha Hemalkumar | P |
| 15BN003 | Golivadiya Nikitaben Vishnubhai | P |
| 15BN004 | Jani Maharshi Ashwinbhai | P |
| 15BN005 | Ka.Patel Hinalben Bhaveshkumar | P |
| 15BN006 | Leuva Kajal Mukeshbhai | P |
| 15BN007 | Maliwad Ekta Parsottamdas | P |
| 15BN008 | Parekh Payalben Ashokbhai | P |
| 15BN010 | Parmar Priyaben Vinodbhai | P |
| 15BN011 | Patel Aeshaben Ashokbhai | P |
| 15BN012 | Patel Ameeben Rakeshkumar | P |
| 15BN013 | Patel Arpitaben Rushikeshbhai | P |
| 15BN014 | Patel Bhakti Narendrakumar | P |
| 15BN015 | Patel Bhavya Rajendrakumar | P |
| 15BN016 | Patel Bhumi Sureshbhai | P |
| 15BN017 | Patel Charmiben Atulbhai | P |
| 15BN018 | Patel Darshankumar Vikasbhai | P |
| 15BN019 | Patel Disha Rakeshbhai | P |
| 15BN020 | Patel Hemaliben Bharatbhai | P |
| 15BN021 | Patel Hetavi Chandrakant | P |
| 15BN022 | Patel Jinal Bharatbhai | P |
| 15BN023 | Patel Kinjalben Dineshbhai | P |
| 15BN024 | Patel Maitriben Nikulbhai | P |
| 15BN025 | Patel Manali Kamleshbhai | P |
| 15BN026 | Patel Mansi Pareshkumar | P |
| 15BN027 | Patel Mansiben Hiteshkumar | P |
| 15BN028 | Patel Margi Rashmikant | P |
| 15BN029 | Patel Mirali Kamleshkumar | P |
| 15BN030 | Patel Mohinikumari Navinbhai | P |
| 15BN031 | Patel Muktiben Sureshbhai | P |
| 15BN032 | Patel Nidhi Satishbhai | P |
| 15BN033 | Patel Nidhiben Dharmeshbhai | P |
| 15BN034 | Patel Nidhiben Manojbhai | P |
| 15BN035 | Patel Nihar Kanubhai | P |
| 15BN036 | Patel Prachi Prahlad | P |
| 15BN037 | Patel Purvi Kalpesh | P |
| 15BN038 | Patel Purviben Hiteshbhai | P |
| 15BN039 | Patel Rutuben Prafulkumar | P |
| 15BN040 | Patel Shrutikaben Shaileshbhai | P |
| 15BN041 | Patel Vaibhavikumari Babubhai | P |

| | | |
|---|---|---|
| 15BN042 | Pithdiya Hina Harishbhai | P |
| 15BN043 | Prajapati Aayushiben Nareshbhai | P |
| 15BN044 | Prajapati Akshaykumar Shantibhai | P |
| 15BN045 | Prajapati Nishthaben Rajendrabhi | P |
| 15BN046 | Prajapati Princi Mahendrabhai | P |
| 15BN047 | Rabari Dipalben Jadavbhai | P |
| 15BN048 | Rabari Mamtaben Kanubhai | P |
| 15BN049 | Rajwadi Kinjalben Jashubhai | P |
| 15BN050 | Rana Shivani Deepak Kumar | P |
| 15BN051 | Satasiya Bhavinkumar Rameshbhai | P |
| 15BN052 | Shah Jinali Mukeshbhai | P |
| 15BN053 | Shah Palak Rajeshbhai | P |
| 15BN054 | Sharma Krishna Nileshkumar | P |
| 15BN055 | Sindha Nishaben Shantilal | P |
| 15BN056 | Solanki Jalpaben Nareshbhai | P |
| 15BN057 | Soni Shaily Hiteshkumar | P |
| 15BN058 | Suthar Apexaben Naranbhai | P |
| 15BN059 | Vasava Priyankaben Sureshbhai | P |
| 15BN060 | Vaza Harshadkumar Manubhai | P |
| 14BN034 | Patel Kamal Hareshbhai | P |

Rmzala

Organizer

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY[CHARUSAT]

Faculty of Medical Sciences

# MANIKAKA TOPAWALA INSTITUTE OF NURSING

## Report On Workshop onNeonatal Nursing

| | |
|---|---|
| **Date of event** | **: 06/04/2019** |
| **Date of Submission** | **:09/04/2019** |
| **Organizers** | **: Department of Child Health Nursing** |
| **Venue** | **: MTIN, CHARUSAT,Changa.** |


| | |
|---|---|
| **Submitted By** | **:Mr. VipinVagheriya**<br>**Ms. RameshwariZala**<br>**Mrs. Binal Joshi** |
| **Department** | **: Nursing** |
| **Email** | **:rameshwarisolanki.nur@charusat.ac.in**<br>**binaljoshi.nur@charusat.ac.in** |


**Endorsed by**

MANIKAKA TOPAWALA INSTITUTE OF NURSING CHARUSAT CAMPUS CHANGA

12/04/19

**Principal**

PRINCIPAL
MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS - CHANGA.
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)

**Seal and Signature**

**Date:08/04/2019**

**Day: Saturday**

**Timings: 1.00 am-4.00 pm**

## I. Introduction:

Neonatal mortality rate is one of the essential components which contribute to infant mortality rate and it is the most important indicators of the general level of health or wellbeing of a country. According to sustainable developmental goal 3.2, by the end of 2030 we need to achieve neonatal mortality to at least as low as 12 per 1000 live births. Present neonatal mortality rate 25.4 deaths per 1000 live births pushed India to 12 worth position among the 52 lower middle income countries.

We are on high time to face emerging challenges in neonatal care which strives for expert, competent and innovative practices towards better neonatal survival.To develop clinical expertise the students of second year M.Sc. nursing has organized the workshop on Neonatal Nursing for eight semesters B.Sc. Nursing students under the guidance of department of child health nursing.

## II. Objectives:

At the end of the workshop the audience will be able to understand:

1. To demonstrate skillsin identifying key features of high risk newborn
2. To demonstrate neonatal resuscitation.
3. To comprehend the basic elements of feeding practices.
4. To outline the infection control protocols in NICU and antibiotic policy.
5. To comprehend the drug and fluid calculation in neonates.
6. To make aware the students about care of the baby with CPAP

## III. Participants/Beneficiaries: Eight Semester B.Sc. Nursing Students

## IV. Agenda:Day 1 (06/04/2019)

| | | |
|---|---|---|
| **12.45 to 1.00 pm** | | Prebriefing about the workstation among the students |
| 1:00-1:45PM | Station 1 | Care Of Neonate on Invasive Ventilation, Identification and Follow up of High Risk Neonate |

| | | |
|---|---|---|
| 1:45 to 2.30 pm | Station 2 | Neonatal resuscitation-Term/Preterm |
| 2:30 to 3.15 Pm | Station 3 | Administration of Fluid and medication Addressing common Errors, Tech tools for Neonatal care . |
| 3.15 to 4. 00 pm | Station 4 | Role of lactation Nurse in NICU and different feeding method of preterm babies. |
| 4. 00 to 4. 30 pm | | Valedictory Session and Feedback |

## V. In detail explanation of the event with colored print of photographs

The workshop was organized by Second year M. Sc. Nursing students for eight semester B.Sc. nursing students on the theme of "Neonatal Nursing" . Students were divided into four groups and group rotation was assigned and communicated with them. Each work station was of 45 minutes. Students were rotated through all four stations. The workshop was co ordinated by department of the child health nursing under the directives of principal Sir.

### Work station 1:Care Of Neonate on Invasive Ventilation, Identification and Follow up of High Risk Neonate

Student Demonstrator : MsPriyanka and Ms. Ridhi

Station 1 was coordinated by second year M.Sc. nursing student Ms. Priyanka and Ms. Ridhi.The students have prepared the model on CPAP and its circuit. Ms. Priyanka has explained about indications and contraindications of CPAP. Ms. Ridhi has explained about components of CPAP in detail. Students have explained the information and principles followed during invasive and non-invasive ventilation. Students have explained the indications and scenarios for CPAP. Students demonstrated connections of CPAP, setting the baby and administration of Nasal cannula and fixing the nasal canula to a neonate. Lastly students have explained about complications of CPAP. At the end students were asked to call for redemonstrations of the whole procedure in the groups to enhance their practice and skills in handling CPAP.

### Workstation 2 Neonatal resuscitation-Term/Preterm

StudentDemonstrator : Mr. Praful and Mr. Jyot

Work station 2 was resourced by Mr. Praful and Mr. Jyot , second year M. Sc. nursing student. Mr. Praful has explained in detail about indications of Neonatal resuscitation and Algorhythm of updated NRP 2015. Mr. Jyot has well explained about steps of hand washing and made practice among the students. Revision of APGAR Scoring was done by the students. Then Students has demonstrated the procedure of neonatal resuscitation starting from the drying .Praful has in detail explained scene safety, bag and mask ventilation, position of neonate while performing resuscitation and cardiac compression. Jyothas also narrated about identification of high risk and medication used in neonatal resuscitation. Lastly students have invited volunteers from the group members for redemonstrations. The session was interactive and informative.

**Workstation 3: Administration of Fluid and medication Addressing common Errors and Technical tools for Neonatal care**

Student Demonstrator :Ms.Selvina Christian

At the work station Ms. Selvina Started with routes of medication administration and rights of medication administration. She had demonstrated administration of intracathe and IV fluids and narrated the principles while administrating the medication in neonate. She also explained various equipment used for IV insertion on the manikin of pediatric arm She has provided us the notes with different drugs and its dosage values in detail.Students were invited for redemonstrations of the procedure. at the same station she also explained about the technical tools for assessing high risk newborn. Growth monitoring is vital in neonate as well as children. It is important to identify in risk categories for neurodevelopment outcomes. MS Selvinahas explainedthe tools used for neonatal care. She has provided the detail information about growth monitoring, ROP screen examination, Ballard scoring and developments follow up of the newborn. She has explained Pre discharge check list of neonate.

**Workstation 4 Role of lactation Nurse in NICU and different feeding method of preterm babies.**

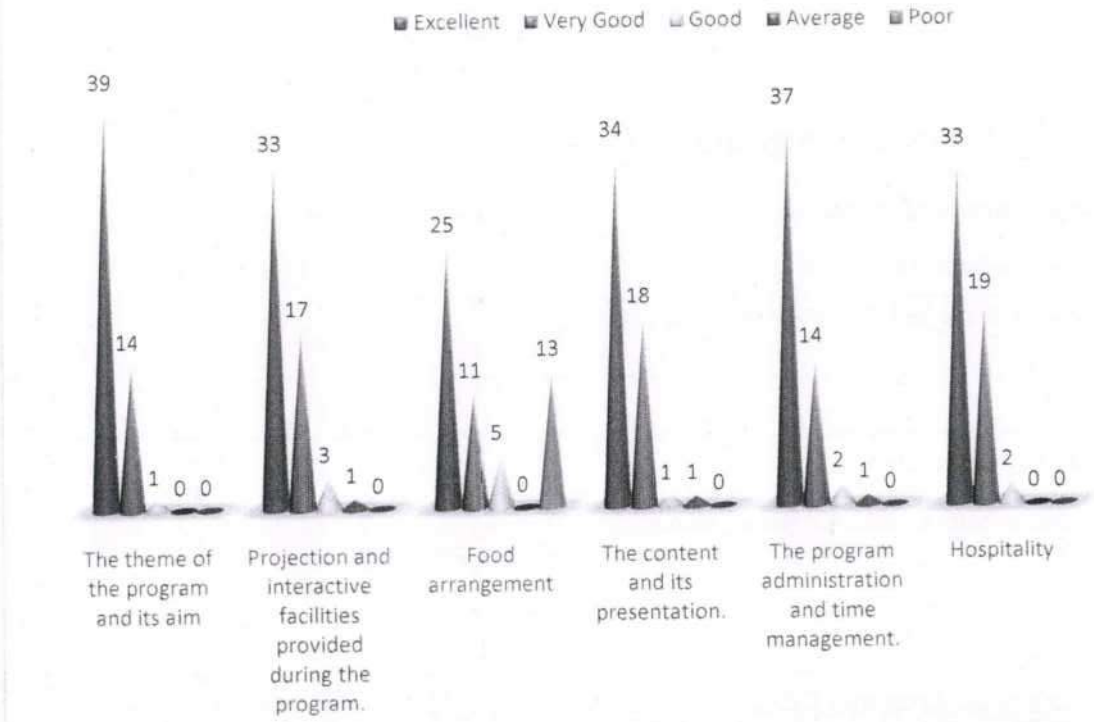
Student Demonstrator: Ms. JignyaAsari

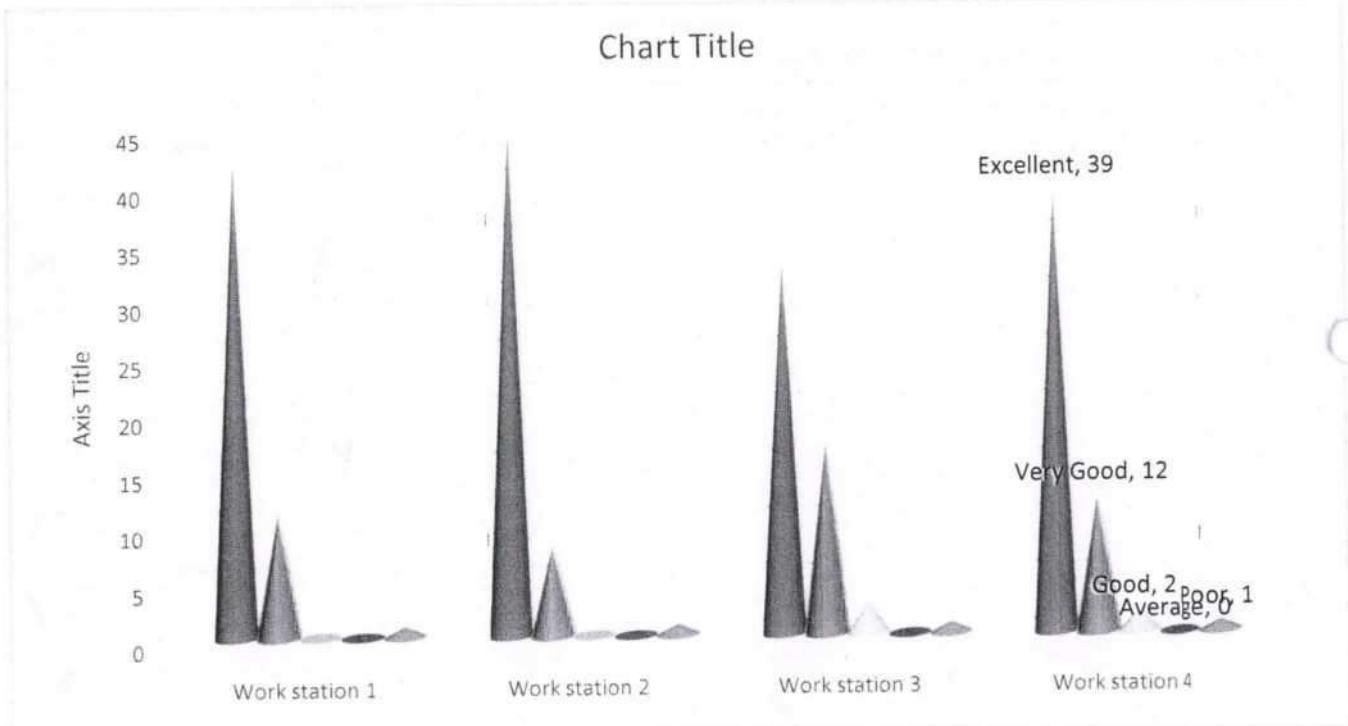
MsJignya has included the feeding practices for the neonate. Sh e has initiated with role of Lactetion nurse in labour room. She has well explained about the concept of breast feeding, exclusive breast feeding and concept of kangaroo mother care. She has demonstrated positions and techniques of

breast feeding, Paladie feeding and Ryle's tube feeding toa newborn baby. She has narrated practical aspects and principles while feeding to neonate. She has also played video related to paladie feeding. Students were invited for the redemonstrations about the procedure.

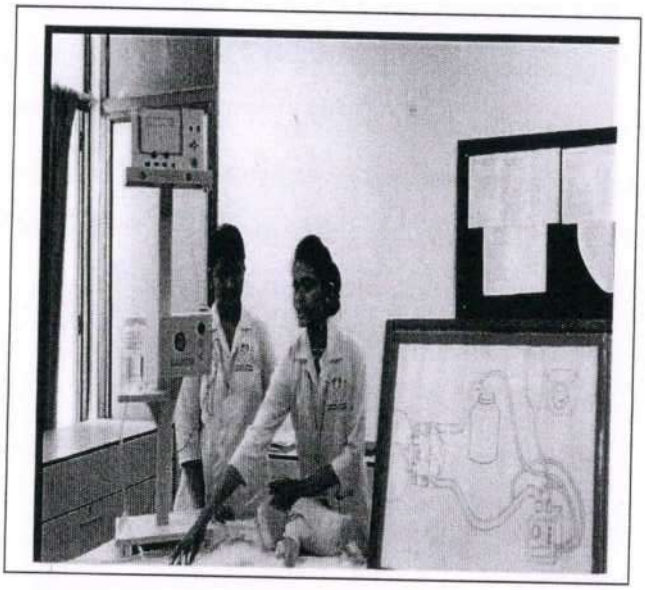
**Feedback analysis depicted through graph: n=54**

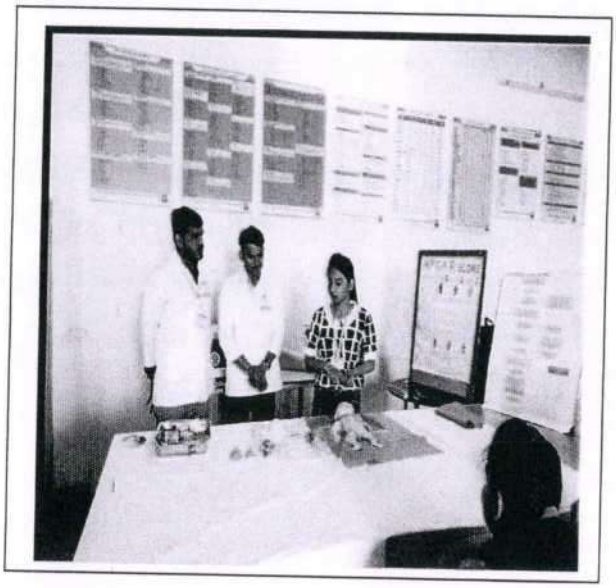
| **Workshop content and organization** | **5** | **4** | **3** | **2** | **1** |
|---|---|---|---|---|---|
| 1. The theme of the program and its aim | 39 | 14 | 1 | 0 | 0 |
| 2. Projection and interactive facilities provided during the program. | 33 | 17 | 3 | 1 | 0 |
| 3. Food arrangement | 25 | 11 | 5 | 0 | 13 |
| 4. The content and its presentation. | 34 | 18 | 1 | 1 | 0 |
| 5. The program administration and time management. | 37 | 14 | 2 | 1 | 0 |
| 6. Hospitality | 33 | 19 | 2 | 0 | 0 |
| 7. workstations | | | | | |
| Work station 1: Care of newborn with CPAP | 42 | 11 | 0 | 0 | 1 |
| Work station 2: Neonatal Resuscitation | 45 | 8 | 0 | 0 | 1 |
| Work station 3: Administration of Medication | 33 | 17 | 3 | 0 | 1 |
| Work station 4 :Feeding practices in Newborn | 39 | 12 | 2 | 0 | 1 |


Excellent
Very Good
Good
Average
Poor
39
14
1
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2
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0
The theme of the program and its aim
Projection and interactive facilities provided during the program.
Food arrangement
The content and its presentation.
The program administration and time management.
Hospitality


Chart Title
Axis Title
45
40
35
30
25
20
15
10
5
0
Excellent, 39
Very Good, 12
Good, 2
Average, 0
Poor, 1
Work station 1
Work station 2
Work station 3
Work station 4

## Photographs:













## VI. Conclusion

At the end of the workshop the students of eight semester has gained in depth knowledge about neonatal nursing and Essential newborn care. Thestudents hadlearned the knowledge and skiills in delivering care to a neonate. The workshop had given the opportunity for redemonstrations to the students and that was marked by the students in their feedback. We are thankful to CHARUSAT and Dr. AnilSharma Principal of MTIN for providing us the opportunity to organize and coordinate theworkshop for the enhancement of knowledge and skillsin delivering neonatal care.

Manikaka Topawala Institute of Nursing
Workshop on “Neonatal Nursing”

Date: 6th April 2019
Venue: MTIN Labs



Demonstrating the skill



Explaining the procedure



Demonstration of the skills



Demonstration of skills



**Resource person with the students**

**Invitation for Workshop on Neurological Examination**

Dear sir/Madam,

It gives me immense pleasure to invite you for the Workshop on Neurological Examination on 11th April, 2019.

Venue and Timings of the event are as follows:

- **Time: 11.00 am to 12.30 pm**
- **Hospital for Mental Health vadodara**

Positively anticipating your presence
Thank you.

--

With regards
**Deepak.K**
**Assistant Professor**
**Manikaka Topawala Institute of Nursing,**
**CHARUSAT campus, Changa,**

**ACCREDITED WITH "A" GRADE BY NAAC, GOI**
**Ta-Petlad, Dt-Anand,**
**Gujarat-388421**
**Intercom no.: 5204**

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
## MANIKAKA TOPAWALA INSTITUTE OF NURSING

BATCH-FIRST YEAR 2017-2020

**PROGRAMME- GNM**

| Sr No. | Student ID No | Full Name of Student | Attendance |
|---|---|---|---|
| 1 | 17GNM001 | BHOI HINALBEN ARAVINDBHAI | P |
| 2 | 17GNM002 | CHAUHAN JANVI ASHWINKUMAR | P |
| 3 | 17GNM003 | DABHI STUTI MUKESHBHAI | P |
| 4 | 17GNM004 | JANI KASHYAP SHAILENDRAKUMAR | P |
| 5 | 17GNM005 | KA. PATEL PRACHIBEN GIRISHBHAI | P |
| 6 | 17GNM006 | KALANI KRUPA BHARATBHAI | P |
| 7 | 17GNM007 | KHARADI SACHINKUMAR SURESHBHAI | P |
| 8 | 17GNM008 | KRISHNABEN SANJAY OBERAI | P |
| 9 | 17GNM009 | MACWAN EKTA CHANDRAKANT | P |
| 10 | 17GNM010 | MACWAN PRAYERSON JAYANTIBAHI | P |
| 11 | 17GNM011 | MAKWANA VAISHALI KIRANBHAI | P |
| 12 | 17GNM012 | MARWADI RUSHIKA PRAFULLBHAI | P |
| 13 | 17GNM013 | MASTER ABHISHEK ATULKUMAR | P |
| 14 | 17GNM014 | NINAMA KINJALBEN KANUBHAI | P |
| 15 | 17GNM015 | PANCHAL JIGARKUMAR RAJESHBHAI | P |
| 16 | 17GNM016 | PARMAR JIGNESHKUMAR LALABHAI | P |
| 17 | 17GNM017 | PARMAR NIKITABEN KANUBHAI | P |
| 18 | 17GNM018 | PARMAR SANDHYABEN GULABBHAI | P |
| 19 | 17GNM019 | PATEL ANJALIBEN AJITBHAI | P |
| 20 | 17GNM020 | PATEL EKTABEN PIYUSHBHAI | P |
| 21 | 17GNM021 | PATEL HEENABEN YOGESHKUMAR | P |
| 22 | 17GNM022 | PATEL KUNJ VASANTBHAI | P |

| | | | |
|---|---|---|---|
| 23 | 17GNM023 | PATEL MAITRIBEN PANKAJKUMAR | P |
| 24 | 17GNM024 | PATEL NAIYABEN RAJESHBHAI | P |
| 25 | 17GNM025 | PATEL SHRUTIBEN KAMLESHBHAI | P |
| 26 | 17GNM026 | PRAJAPATI DHARTIBEN PRAVINBHAI | P |
| 27 | 17GNM027 | PRAJAPATI DHRUVKUMAR VINODBHAI | P |
| 28 | 17GNM028 | PRAJAPATI NISHA INDRAVADANBHAI | P |
| 29 | 17GNM029 | RAVAL MAYURKUMAR ASHOKBHAI | P |
| 30 | 17GNM030 | ROHIT POOJABEN GHANSHYAMBHAI | P |
| 31 | 17GNM031 | SOLANKI SHILPABEN GORDHANBHAI | P |
| 32 | 17GNM032 | THAKOR PRAVINABEN NARSINHBHAI | P |

Signature of the organizer

MTIN
Manikaka Topawala Institute of Nursing

# MANIKAKA TOPAWALA INSTITUE OF NURSING

## A CONSTITUENT OF CHAROTAR UNVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

*Accredited 'A' grade by NAAC*

## EVENT / ACTIVITY

Workshop on "Neurological Examination" on 11/04/19 at Mental Hospital, Vadodara

Report submitted on: 15/04/19

google sheet + soft copy

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY[CHARUSAT]

Faculty of Medical Sciences

## MANIKAKA TOPAWALA INSTITUTE OF NURSING

# Report of Workshop on

# "Neurological Examination"

| | |
|---|---|
| **Date of event** | : 11/04/2019 |
| **Date of Submission** | : 15/04/2019 |
| **Organizers** | : Mental Health Department |
| **Venue** | : Hospital for Mental Health, Vadodara |


**Submitted By**

| | |
|---|---|
| **Name** | : Mr.Deepak K |
| **Department** | : Mental Health Department |
| **Email** | : deepakk.nur@charusat.ac.in |


**Endorsed by**

15/4/19

**Principal**

**Seal and Signature**

MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS - CHANGA.
AT. CHANGA - 388 421
TAL. PETLAD, DIST. ANAND (GUJARAT)

MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS CHANGA

**Date: 11/04/2019** **Day: Thursday** **Timings: 11:00 am to 12:30 pm**

I. **Introduction:** The M.Sc. Nursing (Mental Health Nursing department) IV semester students of Manikaka Topawala Institute of Nursing organized Workshop on Neurological Examination for Dinsha Patel college of Nursing students on 11th April 2019 at Hospital for Mental Health, Vadodara

II. **Agenda:** Workshop on Neurological Examination

III. **Objectives of the event:**

a) Introduction to the topic.
b) Demonstration of Neurological Examination
c) Re-demonstration for the B.Sc. Nursing students from Dinsha Patel college.

IV. **Participants/Beneficiaries:** III Year B.Sc. Nursing students from Dinsha Patel college

V. **In detail explanation of the event with colored print of photographs**

M.Sc. Nursing (Mental Health Nursing department) IV semester students of Manikaka Topawala Institute of Nursing, CHARUSAT organized workshop on Neurological Examination for III Year B.Sc. Nursing students from Dinsha Patel college.

The objective of the event was to Introduction to the topic, Demonstration of Neurological Examination And Re-demonstration for the B.Sc. Nursing students from Dinsha Patel college.

About 30 B.Sc. Nursing students from Dinsha Patel College participated in workshop, divided into 3 groups of 10 each. M.Sc. Nursing students Ms. Christian Muralben, Ms. Dosani Rahematben and Ms. Patel Mansiben Naranbhai demonstrated in detail Neurological Examination.
M.Sc. Students selected the willing patients from the open ward and after getting the oral consent from patients and ward in-charge approval workshop is organized in open ward.
After demonstration from the M.Sc. students, B.Sc. Nursing students from Dinsha Patel college re demonstrated the procedure.
A neurological examination is the assessment of sensory neuron and motor responses, especially reflexes, to determine whether the nervous system is impaired The major areas of the exam, covering the most testable components of the neurological system, include:

1. Mental status testing (covered in a separate section of this web site)
2. Cranial Nerves.
3. Muscle strength, tone and bulk.
4. Reflexes.
5. Coordination.
6. Sensory Function.
7. Gait.

**Neurological examination**

- Assess Mental status function
- Assess cerebral function
- Assess balance and coordination( motor function)
- Assess sensory function
- Assess reflexes

**CRANIAL NERVE FUNCTIONS**

**CN I – Olfactory Nerve**

- Ask the patient to close his or her eyes.
- Occlude one of the patient's nostrils.
- Hold a familiar aromatic substance such as coffee, vanilla, peppermint, or tobacco under the non occluded nostril.
- Ask the patient to sniff and identify the odour.
- Repeat for the other nostril.
- Note unilateral or bilateral decrease or loss of smell.
- Repeat with a different familiar aromatic substance to determine if the patient can distinguish a difference between odours.
- Test only when patient complains of loss of smell or when assessing for intracranial infection.

**CN II – Optic Nerve**

- Test visual acuity and visual fields.
- Examine the retina with an ophthalmoscope.

**CN III ,IV, VI–Oculomotor, Trochlear, Abducens Nerves**

- Check pupils for size, regularity, equality, reaction to light, and accommodation.(PEARL)
- Test extra ocular movements by having the patient follow your finger as you move it through the six cardinal positions of gaze. Not limited or abnormal movement

**CN V – Trigeminal Nerve**

- Ask the patient to clench the teeth.
- Palpate the temporal and masseter muscles and push down on the chin to try and separate the jaws while the teeth are clenched.
- Note decreased strength or asymmetric jaw movement
- Check light touch sensation in all three sensory divisions of the trigeminal nerve
- Ask the patient to close his or her eyes.
- Proceed to alternately touch a cotton wisp or sterile pin to the patient's right forehead, cheek, and chin.
- Ask patient to identify what is felt and where.
- Repeat for the left side.
- Note absent, decreased, or unequal sensation

**CN VII – Facial nerve**

- Test taste: touch the anterior tongue on both sides with a cotton applicator that has been dipped in a sugar, salt, or lemon solution. Ask the patient to identify the taste.

**CN VIII – vestibulocochlear nerve**

- Test hearing

**CN IX and X – Glossopharyngeal and Vagus nerves**

- Ask the patient to open the mouth and say "ah" as you depress the tongue with a tongue blade.
- Note movement of the uvula, soft palate, and tonsillar pillars.
- Touch the tongue blade to the posterior pharyngeal wall.
- Observe for gagging.

**CN XI – Accessory Nerve**

- Inspect the right and left sternocleidomastoid and trapezius muscles for equal size.
- Place your hand against the side of the patient's chin and face.
- Ask the patient to turn head against resistance.
- Repeat for the opposite side.
- Place your hand on the patient's shoulders.
- Direct patient to shrug shoulders against the resistance of your hands.
- Compare movement on the right and left sides for equality.

**CN XII – Hypoglossal nerve**

- Direct the patient to stick out the tongue.
- Observe direction of protrusion and note any movement or wasting.
- Ask patient to say "late date night"

**BALANCE AND CO-ORDINATION**

- Have patient stand with feet together and arms at sides.
- Direct patient to close eyes and maintain the position.
- Wait 20 seconds to close eyes and then tell patient to open the eyes and relax.
- Be prepared to catch the patient during this test if he or she should start to fall
- ✓ Ask the patient to touch the right thumb to each finger of the right hand, going from index finger to little finger and back to the index finger.
- ✓ Have the patient repeat the action using the left hand.

**Finger-to-finger test**

- Ask the patient to touch your index finger and then his or her own nose with his or her right and then left index finger.

**Finger-to-nose test**

- Ask patient to extend arms in front of him – or herself, close his or her eyes and touch the tip of the nose with the right and then left index finger.
- Direct the patient to continue to perform this motion as quickly as possible

**IV. ASSESSMENT OF SENSORY FUNCTION**

**Light touch**

- Ask the patient to close eyes then stroke an area of the patient's skin with a wisp of cotton.
- Ask the patient to identify the area touched and to describe the feeling.
- Repeat on the opposite side of the body and compare results.

**Temperature sensitivity**

- Ask patient to close eyes.
- Touch a stoppered vial of hot water to the patient's abdomen for 1 second, then touch a vial of cold water to the abdomen for 1 second.
- Ask the patient to state which was hot and cold.
- Repeat for the extremities.

**Vibration sense**

- Ask the patient to close eyes.
- Tap the tines of a tuning fork on the heel of your hand to set it vibrating.
- Place it firmly over the distal interphalangeal joint of your patient's finger.
- Ask the patient what he or she feels

**V. REFLEX REACTION**

A. Deep Tendon Reflexes (DTRs)
   - ✓ Use a reflex hammer to strike the muscle's insertion tendon and thus stimulate the reflex.
   - ✓ Make sure the limb is relaxed but the muscle is slightly stretched.

1. Biceps reflex
1. Triceps reflex
2. Patellar reflex

**BICEPS**

- Facing the patient, place the forearm to be tested over the forearm of your non dominant hand.
- Place the thumb of your non dominant hand over the biceps tendon and support the patient's elbow with the rest of your hand.
- Strike your thumb with the pointed end of the reflex hammer.
- Observe for flexion of the forearm.

**TRICEPS**

- Hold the patient's arm across the chest with the elbow bent by grasping the wrist or hold the inner aspect of the patient's upper arm just above the antecubital space so the elbow is bent and the forearm and hand hang down.
- Tell the patient to let the arm go "dead".
- Strike the triceps tendon with the pointed end of the reflex hammer just above the elbow.

**Observe for extension of the forearm. Repeat on other arm.**

**PATTELAR**

- Ask the patient to sit and dangle the legs freely over the side of the examining table or bed.
- Place your non dominant hand across the patient's leg just above the knee.
- Strike the tendon just below the patella with the wide end of the reflex hammer.
- Observe for extension of the lower leg and feel for contraction of the quadriceps

B. **Superficial reflexes**
   - ✓ Reflexes in the skin
   - ✓ Ask the patient to lie flat on the back with the knees slightly bent

a. Upper and lower abdominal reflexes
b. Cremasteric reflex

**Upper and lower abdominal reflexes**

- Stroke the skin with the handle of the reflex hammer, moving from the side of the abdomen into the midline. Do this on the right and left side of the upper (below the rib cage and above the umbilicus) and lower (above the symphysis pubis) abdomen.
- Observe for contraction of the abdominal muscle on the side stroked accompanied by deviation of the umbilicus to the same side.

**Cremasteric reflex**

- Use the handle of the reflex hammer to stroke the inner aspect of the male thigh.
- Observe for elevation of the testicle on the side stroked.

**Grading system for reflexes:**

- 4 + Very brisk, hyperactive with clonus, indicative of disease
- 3 + Brisker than average, may indicate disease
- 2 + Average, normal
- 1 + Diminished, low normal
- 0 No response

GLIMPSE:















8

## VI. Feedback Analysis report:(should specify the following)

### Feedback Analysis report:

A. Number of participants: 30(10 in each workstation)

B. Table of feedback form with number of participants' response in each category.

Following aspect were asked in the workshop feedback form

Ms. Christian Muralben

| | Scale: 5-Excellent; 4- Very Good; 3- Good: 2- Satisfactory; 1-Poor | | | | | |
|---|---|---|---|---|---|---|
| S. No. | Statements | 1 | 2 | 3 | 4 | 5 |
| 1 | The Resource person made good use of the time allotted. | | | | | 10 |
| 2 | The Resource Person had conceptual clarity and knowledge about the topic. | | | | 08 | 02 |
| 3 | The Resource Person' presentation style was effective in helping to learn. | | | | 08 | 02 |
| 4 | The teaching/training methods used were appropriate for the audience. | | | | 04 | 06 |
| 5 | I understood the concepts as presented in the talk. | | | | | 10 |
| 6 | The talk improved my understanding of the topic. | | | | | 10 |
| 7 | The learning derived for the talk will be useful to me in future. | | | | | 10 |

Ms. Dosani Rahematben

| | Scale: 5-Excellent; 4- Very Good; 3- Good: 2- Satisfactory; 1-Poor | | | | | |
|---|---|---|---|---|---|---|
| S. No. | Statements | 1 | 2 | 3 | 4 | 5 |
| 1 | The Resource person made good use of the time allotted. | | | | 04 | 06 |
| 2 | The Resource Person had conceptual clarity and knowledge about the topic. | | | | | 10 |
| 3 | The Resource Person' presentation style was effective in helping to learn. | | | | 04 | 06 |
| 4 | The teaching/training methods used were appropriate for the audience. | | | | 05 | 05 |
| 5 | I understood the concepts as presented in the talk. | | | | 03 | 07 |
| 6 | The talk improved my understanding of the topic. | | | | 02 | 08 |
| 7 | The learning derived for the talk will be useful to me in future. | | | | 00 | 10 |

**Ms.** Patel Mansiben Naranbhai

| | Scale: 5-Excellent; 4- Very Good; 3- Good: 2- Satisfactory; 1-Poor | | | | | |
|---|---|---|---|---|---|---|
| S. No. | Statements | 1 | 2 | 3 | 4 | 5 |
| 1 | The Resource person made good use of the time allotted. | | | | 06 | 04 |
| 2 | The Resource Person had conceptual clarity and knowledge about the topic. | | | | 04 | 06 |
| 3 | The Resource Person' presentation style was effective in helping to learn. | | | | 04 | 06 |
| 4 | The teaching/training methods used were appropriate for the audience. | | | | 08 | 02 |
| 5 | I understood the concepts as presented in the talk. | | | 03 | 05 | 02 |
| 6 | The talk improved my understanding of the topic. | | | | 02 | 08 |
| 7 | The learning derived for the talk will be useful to me in future. | | | | 02 | 08 |

### Conclusion:

Over all it was a hands on experience to PG & UG students to demonstrate neurological examination we extend our thanks to Dr.Anil Sharma sir, Principal of MTIN for his support and motivation. We also would like to extend our thanks to faculties of Dinsha Patel college of Nursing for support and coordination.

## Manikaka Topawala Institute of Nursing

## Workshop on “Neurological Examination”

## Date: 11.04. 2019

## Venue: Mental Hospital, Vadodara



**Students performing neurological examination**



**Students with the patient**



**The organizers**

Manikaka Topawala Institute of Nursing

10 years of establishment

CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

www.charusat.ac.in

Accredited with Grade A by NAAC, Govt. of India

# International Conference

**on the Theme:**
**Public Health-A workforce for countdown 2030 (SDGs)**

in collaboration with
Society of Community Health Nursing in India (SOCHNI) &
Indian Institute of Public Health, Gandhinagar (IIPHG)

**Visit : www.charusat.ac.in/MTIN/mtinicon/index.php**

**Gujarat Nursing Council has awarded "10" Credit Hours**

Date:
14th, 15th and 16th February 2019

Venue:
CMPICA Auditorium, CHARUSAT

Address:
Manikaka Topawala Institute of Nursing
(A Constituent of Charotar University of Science and Technology)
Nadiad – Petlad off highway, Changa - 388421
Ta. Petlad, Dist. Anand, Gujarat.



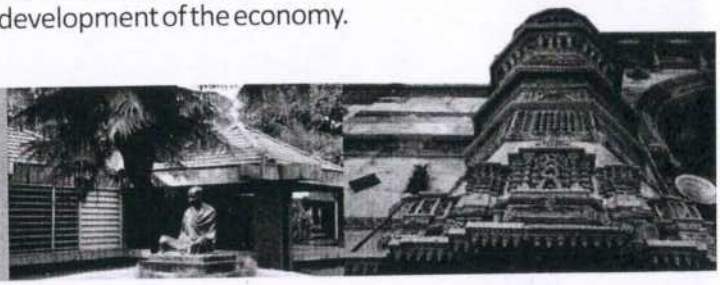
# India

India's history and culture is dynamic, spanning back to the beginning of human civilization. It begins with a mysterious culture along the Indus River and in farming communities in the southern lands of India. The history of India is punctuated by constant integration of migrating people with the diverse cultures that surround India.

India has a rich heritage which includes a repository of archaeological treasures and incredible monuments. This cultural history epitomized in heritage monuments stems from a historic past of ancient civilization. The Taj Mahal, Agra Fort and Fatehpur Sikri in Agra, the Konark Sun Temple, Khajuraho Temples, Mahabalipuram Monuments, Thanjavur, Hampi Monuments as well as the Ajanta, Ellora and Elephanta Caves, Mahabodhi Temple, Kaziranga Park are some of the monuments declared as World Heritage Monuments.

The history of Indian education has its roots to the ancient ages where they followed the Gurukul system – a system where the students resided in the house of their teacher until the teacher felt that he has imparted all that he could. The subjects taught varied from Sanskrit to Scriptures to Mathematics to Metaphysics and the knowledge attained would be passed on to the future generations. However, this system was changed during the Colonial era when the British set up schools that followed a curriculum confined to subjects such as Mathematics, Science etc. While the ancient system included more interaction with the nature, the modern system was more classrooms oriented. Our education system should therefore focus on churning out not just engineers, doctors, nurses but also entrepreneurs, artists, scientists, writers etc. all of whom are influential in the development of the economy.

# Gujarat



Gujarat, India's westernmost state has varied terrain and numerous sacred sites. In its urban center of Ahmedabad is the Calico Museum of Textiles, displaying antique and modern Indian fabrics. Spiritual leader Mahatma Gandhi's base from 1917–1930 was Sabarmati Ashram, where his living quarters remain on view. The Jama Masjid (Friday Mosque), built in the 15th century, has a huge courtyard and a columned design. Winter (October to March) is the best time to travel in Gujarat.

Gujaratis are famous for their business sense and entrepreneurship, both within India as well as abroad. Encounter an Indian entrepreneur anywhere, from Wall Street to Wellington, and there's a good chance they hail from this wealthy, resourceful state. There are many significant sites of God Krishna's life lie along the coast of Saurashtra. The geographic diversity and strategic location has made Gujarat home to an incredible diversity of people. With 20% of the countries total industrial output, it is the most industrialized state in Republic of India.

CHARUSAT is one of the leading universities in providing quality education with more than 7500 students, 450 faculties,500 staffs and offering more than 72 courses in UG, PG& PhD. It is approved by UGC under section 22 of UGC Act and formed under Gujarat state act No.8 of 2009. CHARUSAT accredited with "A" grade by NAAC (National Assessment & Accreditation Council), Government of India. CHARUSAT follows Honesty, Integrity and Transparency, the three basic principles in all its administration, academic and research.

**Vision**

To become a dynamic global institution in a knowledge driven world through excellence in teaching, research and social contributions.

**Mission**

To serve society by striving to transform it through creation, augmentation, dissemination & perpetuation of knowledge.



International Conference

on the Theme:
Public Health-A workforce for countdown 2030 (SDGs)

Manikaka Topawala Institute of Nursing

10 years of establishment

Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT Established in the year 2009. We offer General Nursing & Midwifery, B.Sc. Nursing, M.Sc. Nursing in Medical Surgical, Child Health, Obstetric &Gynaecological, Community Health and Mental Health Nursing and PhD. We are affiliated by Indian Nursing Council, New Delhi and Gujarat Nursing Council, Ahmedabad. We believe in innovation in nursing education, practice and research. We established nursing research lab in 2014, unique of its kind in India. Our faculties and students involved widely in funded research project. We are striving hard to prepare our nurses for global platform and such arrangements made not only to provide world-class infrastructure but also in teaching-learning activities. Our alumni are placed in many countries such as USA, UK, South Africa, Canada, Australia etc.

**Vision**

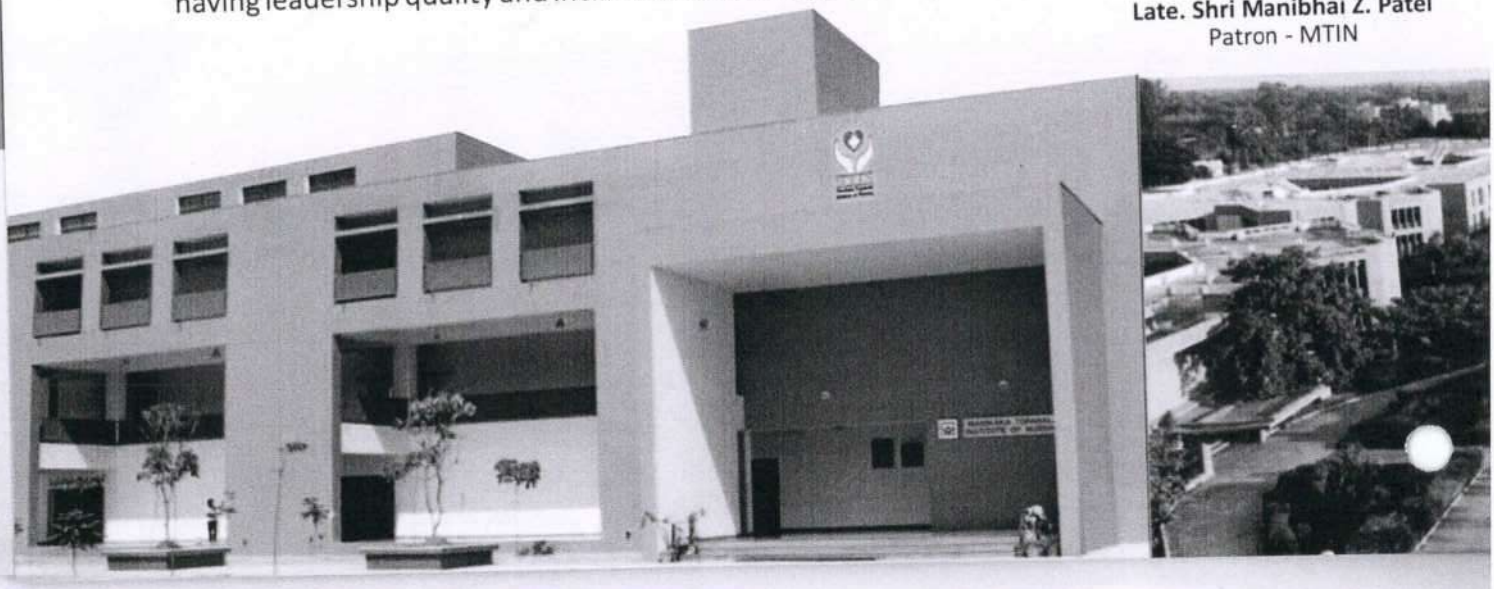
To become a premier institute in the field of Nursing education, practice & research.

**Mission**

To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society.



**Late. Shri Manibhai Z. Patel**
Patron - MTIN



Change and advancement is inevitable in any sphere of a profession. Community health nursing is no exception. Any individual requires the satisfaction of their survival needs and a sense of belonging to be met before they function at their optimum level. An association therefore primarily caters to the individual rights of its members so that each one can effectively and efficiently function to fulfil the common goal. Therefore the society of community Health Nurses of India supported by its members hopes to serve its individual members in enabling and empowering to serve the community at large and to promote and protect professional interest of Community Health Nurses.

**Vision**

The Vision of The Founder Members for The Association is "Collaboration for Empowerment of Community Health Nurses, Continued Education, and Professional Development of Community Health Nurses to Expand the Scope of Community Health Nursing Practice in India".



Indian Institute of Public Health Gandhinagar (IIPHG) is India's first Public Health University. IIPHG is an example of visionary leadership of Honourable Shri Narendra Modi (then Honourable Chief Minister of Gujarat), who laid the foundation stone and provided support for establishing the institute in 2008. Government of Gujarat and Public Health Foundation of India (PHFI) entered a MoU in 2007 to establish IIPHG. Under the MoU, Government of Gujarat allocated land and agreed to share a part of the project cost.

The institute has a Governing Council with four secretaries of the government as ex-officio members and four representatives of PHFI as members. The Chairperson of IIPHG is an independent person of high repute, and currently this position is held by Mr. Sudhir Mankad (IAS), former Chief Secretary of Government of Gujarat. The institute is headed under the directorship of Prof. Dileep Mavalankar, a renowned academician and researcher trained in India and United States of America, and working in the field of public health since last three decades.



## Patrons:



**Shri. Surendrabhai Patel**
President, CHARUSAT



**Dr. M. C. Patel**
Secretary



**Smt. Jyotsna Harishkumar Patel**
Donor, MTIN



**Smt. Sumitraben C. Patel**
Donor, MTIN



**Dr. Pankaj Joshi**
Provost, CHARUSAT

## Organising Chairperson:



**Dr. Anil Sharma**
Principal, MTIN
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## Organising Secretary:



**Mr. Siddaram Sarate**
Assistant Professor, MTIN
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+91-7567561243

## Advisory Committee:



**Dr. B. G Patel**
Advisor and former provost, CHARUSAT



**Prof. H. J. Jani**
Advisor CHARUSAT & former provost, C.U. SHAH UNIVERSITY



**Shri. Ashok Patel**
Advisor, CHARUSAT



**Dr. Devang Joshi**
Registrar, CHARUSAT

# Objectives
of Conference

- To overview SDGs in the context of global need.
- To highlight Universal Health Coverage and its implementation
- To provide road map to ensure healthy lives by 2030
- To strengthen health resources in public health for meeting the needs of health care system
- To tailor social security system and quality essential health care services to needy individual and family.
- To share resolutions of conference with concerned state and central health departments, SDGs Nodal office and working committee.

**Pre-Conference Workshop –Day 1**
**14th February, 2019**

## WRITING SKILLS FOR RESEARCH FUNDING

**Venue-1 Auditorium MTIN**
Dr. Christina Murray, Ph.D (N)
Faculty, University of Prince Edward Island

**Venue-2 Research Lab, MTIN**
Dr. Aminath Jameel
Former Health Minister, Maldives & Board Member, South Asian for Human Rights

| Time | Topic | Event Coordinators | |
|---|---|---|---|
| 8:30-9:30 am | Registration and Breakfast | Venue-1 | Venue-2 |
| 9:30-11:30 am | Writing skills for Research Proposal for funding | Ms. Rameshwari Zala Faculty-MTIN | Ms. Sapna Patel Faculty-MTIN |
| 11.30-11.50 am | Discussion on Tea table | | |
| 12.00-1.10 pm | Writing skills for Research Proposal for funding | " | " |
| 1.10-2.00 pm | Lunch | | |
| 2:00-4:00 pm | Writing skills for Research Proposal for funding | " | " |
| 4.00-4.20 pm | High Tea | | |
| 4.20-4.50 pm | Questioning and Feedback | | |
| End session | Valedictory Function | | |

Note: Maximum 40 Participants for each workshop venue on first come first serve basis

| Conference – Day 2 & 3 | 15th February, 2019 | Day – 2 |
|---|---|---|

| Sr. No | Time | Topic | Eminent Speaker | |
|---|---|---|---|---|
| | 8:30 to 9:30 am | Registration and Breakfast | | |
| 01. | 9:30 to 10:20 am | Unfolding the theme | Dr. Suresh Ray<br>Associate Professor, BVPCON, Pune | |
| 02. | 10:20 to 11:10 am | Vision for Universal Health Coverage for low and middle class income countries | Ms. Shandrila Immanuel<br>Professor, CMC, Vellore | Moderator:<br>Mr. Deepak K<br>Chairperson:<br>Mr. Rakesh Patidar |
| | 11:10 to 11:20 am | Breakout Session | | |
| 03 | 11:20 to 12:10 pm | Roadmap to ensure healthy lives | Dr. Christina Murray, Ph.D (N) Faculty, University of Prince Edward Island | Moderator:<br>Ms. Anjali T<br>Chairperson:<br>Mr. Harisingh Choudhary |
| | 12:10 to 1:10 pm | Lunch | | |
| 04 | 1:10 to 2:00 pm | Exploitation of re sources for meeting the needs of health care system | Dr. Aminath Jameel<br>Former Health Minister, Maldives & Board Member, South Asian for Human Rights | Moderator:<br>Mr. Siddaram S<br>Chairperson:<br>Dr. Pragna Dabhi |
| | 2:00 to 2:10 pm | Breakout Session | | |
| 05 | 2:10 to 3:00 pm | Role of public health research: To achieve health for all | Dr. Dileep M<br>Professor&Director, IIPH, Gandhinagar | Moderator:<br>Ms. Rameshwari Z<br>Chairperson:<br>Dr. Usha Ukande |
| 06 | 3:00 to 4:00 pm | Panel Discussion | Dr. Aminath Jameel<br>Former Health Minister, Maldives<br>Dr. Chellarani V<br>Professor : CON<br>Ms. Greeda A<br>Professor : CMC Vellor<br>Dr. Suresh Ray<br>Dr. Bharti Sharma,<br>Professor : IIPHG | Moderator:<br>Ms. Anjali T |
| | 4:00 to 4:15 pm | High Tea | | |
| | 4:15 to 5:30 pm | Paper Presentation | | |

## Conference – Day 2 & 3 | 16th February, 2019 | Day – 3

| Sr. No | Time | Topic | Experts | |
|---|---|---|---|---|
| | 8:30 to 9:30 am | Registration and Breakfast | | |
| 07 | 9:30 to 10:20 am | Vision to control NCD: Leading cause of poverty | Dr. Christina Murray, Ph.D (N) Faculty, University of Prince Edward Island | Moderator: Mr. Vipin V<br>Chairperson: Dr. Vijay Goutham |
| 08 | 10:20 to 11:10 am | Gender Equality : Challenges and solutions | Dr. Usha Ukande<br>Professor<br>CCON, Indore | Moderator: Ms. Sapna Patel<br>Chairperson: Ms. Samata Soni |
| | 11:10 to 11:20 am | Breakout Session | | |
| 09 | 11:20 to 12:10 pm | FUN with Learning (LOL session) | | |
| | 12:10 to 1:10 pm | Lunch | | |
| | 1:10 to 2:00 pm | SOCHNI<br>General Body Meeting | | |
| 10 | 2:00 to 2:50 pm | Roadmap to fight with HUNGAMA | Dr. Dayalal Patidar<br>Professor, JCN, Bhandu | Moderator: Mr. Jayesh Patidar<br>Chairperson: Prof. Charan P M |
| 11 | 2:50 to 3:40 pm | A Package of quality essential health care services in India | Dr. P.S. Ganguly<br>Professor<br>IIPH, Gandhinagar | Moderator: Mr. Ravi B<br>Chairperson: Mr. Siddaram Sarate |
| | 4:00 pm onwards | Valedictory Function | | |

Abstract Submission: www.charusat.ac.in/MTIN/mtinicon/index.php
(Accepted papers will be published as conference proceedings with ISSN Number.)

## Registration and Payment Details

| Category | Participants | Registration Fee | | Registration fee including Preconference |
|---|---|---|---|---|
| | | Pre-Conference Workshop | Conference | |
| Before 30th October 2018 | Teaching Faculty and Ph.D Scholar | Rs. 3500/- | Rs. 3000/- | Rs. 6000/- |
| | PG and UG students, Public Health Care Provider | | Rs. 2500/- | Rs. 5500/- |
| | Foreign Delegates | $ 95 | $ 75 | $150 |
| After 30th October to 30th December 2018 | Teaching Faculty and Ph.D Scholar | Rs. 4000/- | Rs. 3200/- | Rs. 6500/- |
| | PG and UG students, Public Health Care Provider | | Rs. 2700/- | Rs. 6000/- |
| | Foreign Delegates | $ 120 | $ 100 | $200 |
| From 30th December to 15th January 2019 (On Spot) | Teaching Faculty and Ph.D Scholar | Rs. 4500/- | Rs. 3500/- | Rs. 7000/- |
| | PG and UG students, Public Health Care Provider | | Rs. 3000/- | Rs. 6500/- |
| | Foreign Delegates | $ 200 | $ 200 | $350 |

Fee Remittance Details:

BANK NAME : THE KAIRA DISTRICT CENTRAL CO-OP. BANK LTD
A/C.NAME : MANIKAKA TOPAWALA INSTITUTE OF NURSING
A/C.NUMBER : 902076101000004
BRANCH NAME : KDCC-CHANGA BRANCH
IFSC CODE : YESB0KDCC01
ADDRESS : CHARUSAT CAMPUS- CHANGA-388421.

## Important Dates:

EARLY BIRD REGISTRATION
30th October 2018

SPOT REGISTRATION
15th January 2019

ABSTRACT SUBMISSION
30th October 2018

DECISION OF ABSTRACT ACCEPTANCE
15th November 2018

EARLY BIRD REGISTRATION ONLY FOR ABSTRACT ACCEPTED AUTHOR
30th November 2018

## Accommodation:

| Occupancy | AC INR/day/participant | Non-AC INR/day/participant |
|---|---|---|
| Single | Rs.900 | Rs.600 |
| Double | Rs. 500 | Rs. 400 |
| Triple | Rs. 400 | Rs. 300 |
| Foreign Delegates (Single occupancy) | | $ 100 |

**Travel and Accommodation:**
**Mr. Vipin Vageriya**, Asst. Professor
M: + 91-7874038375
E: vipinvageriya.nur@charusat.ac.in

**www.charusat.ac.in/MTIN/mtinicon/index.php**

Please send soft copy of registration form & copy of fee remittance details by e-mail to mtincon2019@charusat.ac.in

Registration Committee:
Ms. Sapna Patel, Asst. Professor
M: +91-9913188330,
email: mtincon2019@charusat.ac.in

**For sightseeing contact:**
**Ms. Binal Joshi**
M: +91-9913149039
E: binaljoshi.nur@charusat.ac.in

**Ahmedabad (AMD): 75 KM**
**Vadodara (BDQ): 40 km**

**Nadiad (ND): 15 KM**
**Anand (ANND): 17 Km**

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

Date: 15th 16/02/2019

| Sr. No. | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 1 | Ms. Maj Radhika Das | Lecturer | AFMC, College of Nursing,Pune | Maharashtra | 8552987360 | radhikadas353@gmail.com | 11-16631 MNC XVI-13419 | |
| 2 | Ms. Lt Col Yamuna CB | Lecturer | | | 7774893979 | yamubhaskar@gmail.com | | |
| 3 | Prof. Brig Punita A Sharma | Principal | | | 8130333874 | punitasharma@yahoo.co.in | | for Punita |
| 4 | Ms. Krishnavani S | Assistant Professor | AIIMS, Patna | Bihar | 9997495187 | venimurugesh@gmail.com | - | |
| 5 | Ms. K. Lakshmi Prasanna | Assistant Professor | | | 8239150992 | klakshmiprasannababji@gmail.com | K - | |
| 6 | Ms. Hemangi Premjibhai Chaudhari | Assistant Lecturer | Apollo Institute of Nursing, | Gujarat | 7777988967 | hemangipatel1361@gmail.com | - | H.P.Cheerdheri |
| 7 | Ms. Ashruti Patel | Staff nurse | Baroda Heart Institute | Gujarat | 9601399830 | | - | |
| 8 | Mr. Sandesh Wamane | Associate Professor | Beleshwar Institute of Nursing | Maharashtra | 9765222280 | sandeshwamane@yahoo.com | XVII-445 | |
| 9 | Ms. Roopa Dasarathan | Lecturer | Bhaktivedanta Hospital and Research Institute | Maharashtra | 8655264291 | roopa.anna@gmail.com | - | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 16/02/2019

| Sr. No. | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 10 | Mr. Shreekant Savatar | Lecturer | BM Patil Institute of Nursing sciences | Karnataka | 8310070182 | shri57[illegible]@gmail.com | 8972 | |
| 11 | Mr. Ravikumar Metri | Lecturer | | | 8050823526 | ravimetri555@gmail.com | | |
| 12 | Mr. Santosh Indi | Assistant Professor | | | 8123374800 | santoshindi@gmail.com | | |
| 13 | Prof. Suchitra A Rati | Professor | | | 9742115263 | suchitrace@gmail.com | 6513 | |
| 14 | Mr. Amar Sankukh | Assistant Professor | | | 9741365168 | | | |
| 15 | Prof. Sheetal Saxena | Professor | Choithram college of Nursing | Madhya Pradesh | 9827657249 | sheetal.saxena@ymail.com | RN- 12626 RM- 11985 | |
| 16 | Ms. Priya Ranjani D | Jr. Lecturer | College of Nursing, CMC Vellore | Tamil Nadu | 9442385848 | priya7chandru@gmail.com | RN-54440 RM-60547 | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
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## Registration detail

Date: 16/02/2019

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**Date:** 16/02/2019

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| 184 | Ms. Divya Gunvantbhai Rohit | Assistant Professor | | | 7698466542 | rohitdivya80@gmail.com | | |
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| 186 | Ms. Ruchiben Bhikhabhai Patel | Alumni | | Gujarat | 9586960466 | heri2402@gmail.com | AII/HII/6156 | |
| 187 | Ms. Betty Koshy | Tutor | Parul Institute of Nursing, Vadodara | Gujarat | 8758263447 | bettygeorge2912@gmail.com | CGNC II-1504 | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 16/2/19

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 188 | Mr. Sateesh Biradar | Principal | P P Savani Nursing College | | 9099919288 | biradar21@gmail.com | B-II/HJ-1759 | |
| 189 | Mr. Vaibhav Manohar Bhosale | Assistant Professor | Pravara Institute | Maharashtra | 8421382467 | sydney.boy25-4@gmail.com | | |
| 190 | Mr. Rushikesh Bhaskar Pawar | Assistant Professor | | | 8378932307 | rushi.pawar9@gmail.com | RLVII-1574 | |
| 191 | Mr. Kunal Dattatraya Jejukar | Assistant Professor | | | 7709093664 | kunaljejurkar@gmail.com | RLVII-1584 | |
| 192 | Mr. Meghasham Dinkar Gholap | Assistant Professor | | | 7387128272 | meghsham09@gmail.com | RL VII-15 77 | |
| 193 | 195Ms. Jayshree Dhirubhai Parmar | Tutor | Raj Krupa Institute of Nursing | Gujarat | 7573923337 | jayshreeparmarjd121994@gmail.com | A-II/H-II 1337 | |
| 194 | Ms. Soniya V Beri | Principal | | | 9998157351 | soniaberi2677@gmail.com | A-I/H-I/2567 | |
| 195 | Ms. Bhabhor Pinal Jitendrabhai | Tutor | | | 9099765455 | bhabhorpinal@gmail.com | A-II/H-IL 2596 | |
| 196 | Mr. Deepak Kumar Nagar | Tutor | | | 7972181569 | deepaknagar6212@gmail.com | XLVII-2371 | |

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# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 197 | Prof. A Santham Lilly Pet | Vice Principal | Ramaiah Institute of Nursing | Karnataka | 9980111386 | santhamlilly@gmail.com | BSc N - 2008 M.Sc - 219 | |
| 198 | Ms. Gayathri M | Lecturer | | | 9886376347 | gaigayathri1980@gmail.com | RR TMN 2009 1091 KAR | |
| 199 | Ms. Arul Shanthi M | Asst. Lecturer | | | 9986993304 | arulshanthi@gmail.com | RNRM - 6998 B.Sc - 2007 M.Sc - 2018 | |
| 200 | Mrs. Jerusha Karthika | Associate professor | Rayat Bahara Col of Nsg, Mohali | Punjab | 9041382791 | jerishkakartika87@gmail.com | MSc 1472 (2012) | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19
16/2/19

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 201 | Ms. Kailash L.Lata | Tutor | S.D.D College of Nursing, Dahod | Gujarat | 9427148326 | A-11 H-11 316 | A-11, H-11-316 | |
| 202 | Mr. Vimal Prasad Patidar | Tutor | | | 9537831776 | vimal patidar08@gmail.com | 41408, 29112 | |
| 203 | Ms. ~~Trushali~~ Surbhi Singh Patel | Tutor | | | 6359308565 | | AII : 28975, AI : 28825 | |
| 204 | Ms. Baria Nilamben Mangalsinh | Student | | | | | | N. Baria |
| 205 | Mr. Baria Pankajkumar Subhasbhai | Student | | | | | - | |
| 206 | Ms. Baria RohIneeben Kesharbhai | Student | | | | | | |
| 207 | Mr. Baria Vimal Hirabhai | Student | | | | | | Baria V.H |
| 208 | Ms. Bariya Komalben Udeshbhai | Student | | | | | | R. Bariya |
| 209 | Ms. Bhabhor Vijyalaxmiben Chimanbhai | Student | | | | | | |
| 210 | Ms. Bhura Tinkalben Gopalbhai | Student | | | | | | |
| 211 | Ms. Bhuriya Jinal Manojbhai | Student | | | | | | Jinal. Sajay. |
| 212 | Ms. Damor Sejalben Bharatbhai | Student | | | | | | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 213 | Ms. Darji Rameshvariben Jitendrakumar | Student | | | | | | |
| 214 | Ms. Devdha Sonalben Zithrabhai | Student | | | | | | |
| 215 | Ms. Gamot Urvashi Narendra | Student | S.D.D College of Nursing, Dahod | Gujarat | | | | |
| 216 | Mr. Jatava Karanbhai Kanubhai | Student | | | | | | |
| 217 | Mr. Jatwa Sidhharthkumar Balubhai | Student | | | | | | |
| 218 | Mr. Machhar Vijaykumar Khimjibhai | Student | | | | | | |
| 219 | Ms. Nanoliya Pinklben Bakulbhai | Student | | | | | | |
| 220 | Ms. Nimachiya Hetalben Pavanbhai | Student | | | | | | |
| 221 | Ms. Ninama Raxaben Sandipbhai | Student | | | | | | |
| 222 | Ms. Ninama Stephy Dllipbhai | Student | | | | | | |
| 223 | Ms. Padariya Rinkalben Pravinbhai | Student | | | | | | |
| 224 | Ms. Palas Kinjal ben Valsinh | Student | | | | | | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

Date: 15/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 225 | Ms. Palas Shitalben Chhatrasinh | Student | | | | | | Shital |
| 226 | Ms. Pargi Niraliben Sureshbhai | Student | | | | | | Niraliben |
| 227 | Ms. Parmar Anganaben Saileshbhai | Student | | | | | | Anganaben |
| 228 | Ms. Parmar Hetalben Jayantilal | Student | | | | | | Hetal |
| 229 | Ms. Parmar Komalben Bharatbhai | Student | | | | | | Komal. |
| 230 | Ms. Parmar Switiben Harsingbhai | Student | | | | | | Switi |
| 231 | Ms. Patel Bhavikaben Kiranbhai | Student | | | | | | Bkpatel |
| 232 | Ms. Patel Rajeshwariben Narvatsinh | Student | | | | | | R.N. Patel |
| 233 | Ms. Rathod Amrutaben Natvarsinh | Student | | | | | | |
| 234 | Ms. Ravat Jayshreeben Babubhai | Student | | | | | | Ravat J.B |
| 235 | Ms. Sangada Manishaben Babubhai | Student | | | | | | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 236 | Mr. Satbhai Krunalbhai Balvantsinh | Student | | | | | | |
| 237 | Ms. Shah Shiny Pankaj | Student | | | | | | |
| 238 | Ms. Soni Shveta Shymbhai | Student | | | | | | |
| 239 | Ms. Thakor Mittalben Takhatsinh | Student | | | | | | |
| 240 | Mr. Vahuniya Akshaybhai | Student | | | | | | |

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 241 | Prof. Manpreet Kaur | Profssor cum Vice Principal | SGRD College of Nursing | Punjab | 7009001436 | manpreet_aurora001@rediffmail.com | | |
| 242 | Prof. Harjjnderpal Kaur | Director | | | 9501725553 | harjinderpal06@gmail.com | | |
| 243 | Prof. Sandeep Kaur | Professor | | | 9815941830 | noorsaini@hotmail.com | | |
| 244 | Mrs. Ranganayaki.L | ~~Tutor~~ Professor | | | 8968126129 | ranganayaki539@gmail.com | | |
| 245 | Prof. Tapati Saha | Dean and HOD | Sum Nursing College, Bhubaneswar | Odisha | 9674174607 | | | |
| 246 | Ms. Rachana Pandya | Assistant Professor | Sumandeep College of Nursing | Gujarat | 9755686184 | rachanapandya@hotmail.com | 7383 | |
| 247 | Ms. Bhavnaben Fatehsinhbhai Baria | Student | | | | | 9082 | |
| 248 | Ms. Paritaben Umeshkumar Jayswal | Student | | | | | | |
| 249 | Mr. Kadiwala Aadil Iqbal Bhai | Student | | | | | 915 | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | Ms. Namrata Rajesh Macwan | Student | | | | | RN-RM | |
| 251 | Ms. Bhumikaben Pravinbhai Parmar | Student | | | | | A II H II 9098 | |
| 252 | Ms. Parmar Shilpaben Mahendra Bhai | Student | | | | | A-II / H-II 9096 | |
| 253 AD | Ms. Patel Chetnaben Jayantilal | Student | | | | | | |
| 254 | Ms. Patel Jankiben Maheshbhai | Student | | | | | A-II H-II 8041 | |
| 255 | Mr. Patel Akash Sumanbhai | Student | | | | | R I / H-I- 967 | |
| 256 | Mr. Patel Sanketkumar Manharbhai | Student | Sumandeep College of Nursing | Gujarat | | | A-II -H II 9113 | |
| 257 | Mr. Yogendra Pravinsinh Rathod | Student | | | | | | |
| 258 | Ms. Shah Ishita Parshottambhai | Student | | | 7567724628 | | AII-HII 9116 | |
| 259 | Mr. Sachin Bhupendra Sharma | Student | | | | | B-II / II 9116 | |
| 260 AD | Ms. Trivedi Bansari Bhadreshbhai | Student | | | | | | |
| 261 | Mr. Adithya.S | Assistant Professor | | | 9108248498 | adithyaayush1@gmail.com | Applied for CNI registration | |
| 262 | Mr. Ravikumar I Goted | Associate Professor | Swatantra Senani Uttanraoji Patil Nursing College | Maharashtra | 9923510425 | ravikumar1384@gmail.com | XVII-1530 | |
| 263 | Mr. Anvarsab U Naregal | Principal | | | 8087338383 | anwarun.ien@gmail.com | XVII-13662 | |
| 264 | Ms. Nandawana ~~Dimplaben~~ Dimpalben | Student | SVBCON, Silvassa | UT/Dadra and Nagar | | nandvimal[illegible]@gmail.com | A-II/H-II 6569 | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 15/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ramjibhai | | | Haveli | | | | |
| 265 AP | Ms. Hetal Vasantbhai Patel | Student | | | | | | |
| 266 AP | Ms. Patel Sejal Jayeshbhai | Student | | | | | RM/99196 | |
| 267 | Ms. Nisha Antony | Student | SVBCON | | 8154902516 | antonynisha27@gmail.com | RN/95029 | NA |
| 268 | Ms. Parmar Dharini Shaileshbhai | Student | SVBCON | | 7405488863 | dhani dsp11@gmail.com | A-II/H-II-10252 | |
| 269 | Ms. Gamit Meghna Mahendrabhai | Student | SVBCON | | 8780003217 | gamitmeghna123@gmail.com | A-1/H-19372 | |

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 270 | Mrs. Priyanka Sharma | Tutor | Thakre Nursing College | Bhopal | 9009289680 | priancc476@gmail.com | | |
| 271 | Ms. Afsana Bano Ansari | Student | | | 8878479589 | afsanabano012@gmail.com | | |
| 272 | Mr. Anosh Nathaniel | Student | | | 9340483826 | anoshnathaniel@gmail.com | | |
| 273 | Ms. Vishaka Pardhi | Student | | | 8878268712 | vishupardhi56550@gmail.com | | |
| 274 | Mr. Abhishek Parmar | Student | | | | | | |
| 275 | Mr. Daya shankar | Student | | | | | | |
| 276 | Mr. Rajendra Kurmi | Student | | | 9644211545 | Kurmirajendra1@gmail.com | | |
| 277 | Ms. Seema Bano | Student | | | 9893727665 | Seemabano7777@gmail.com | | |
| 278 | Mr. Shivprashad Kuravle | Student | | | | | | |
| 279 | Ms. Monika Rao | Student | | | | | | |
| 280 | Ms. Nisha Singh | Student | | | | | | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 16/2/2019

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 281 | Ms. Nagin Sambhaji Yevandge | Assistant Professor | Tilak Maharashtra Vidyapeeth,Pune | Maharashtra | 9766106791 | | XXVIII - 37398 | Nagin |
| 282 | Mrs.Sujatha Anthony Prabhakaran | Assistant Professor | | | | | XVII - 24464 | |
| 283 | Ms. Pratiksha Gautam Gaikwad | Student | | | | | | |
| 284 | Mr. Stavan Sahebrao Khandagle | Student | | | | | | |
| 285 | Ms. Komal Ramkishan Khade | Student | | | | | | |
| 286 | Ms. Kaveri Dnyaneshwar Lokhande | Student | | | | | | |
| 287 | Ms. Soniya Balu Phasge | Student | | | | | | |
| 288 | Ms. Anju Paul K | Student | | | | | | |
| 289 | Ms. Amruhta Bai KS | Student | | | | | | |
| 290 | Ms. Laya Jose | Student | | | | | | |
| 291 | Ms. Mamta Bhimrao Thorat | Student | | | | | | |
| 292 | Mr. Alwyn Anil Kale | PhD Scholar | Vijaysinh Mohite Patil Col of Nsg and medical research institute | Maharashtra | 8830686090 | alwyn7600@gmail.com | | |
| 293 | Ms. Trishala Shivaji Bhosale | Nursing Tutor | | | | | | |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

Date: 16/2/19

| Sr. No | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 294 | Mr. RUZEN. N. WALTER | Student | Vinayaka College of Nursing, Nadiad | Gujarat | 9712844174 | | | Ruzen |
| 295 | Mr. HARDIK H. SHARMA | Student | | | 9265152539 | sharmahardik261@gmail | | |
| 296 | Mr. HARSH S. SHARMA | Student | | | 7201904551 | | | |
| 297 | Mr. RAJ B. PATEL | Student | | | 8140231446 | | | R. B. Patel |
| 298 | Mr. NIRAV T. PATEL | Student | | | 7046322400 | | | Nirav |
| 299 | Ms. HEMANGINI B. RANA | Student | | | 7016209662 | | | Hemangini |
| 300 | Ms. MANSI S. PATEL | Student | | | 9904853566 | | | M.S.Patel |
| 301 | Ms. KEYA P. PATEL | Student | | | 9824230224 | | | K. Patel |
| 302 | Ms. PRIYANKA R. GUPTA | Student | | | 9904454720 | | | G. |
| 303 | Ms. NEHALI B. PATEL | Student | | | 9265877608 | | | N.b.Patel |
| 304 | Ms. MANALI M. RATHOD | Student | | | 8511723030 | | | |
| 305 | Ms. PRIYANKA V. PATEL | Student | | | 9723045409 | | | P.V.P |
| 306 | Ms. VISHAKHA M. BHAGAT | Student | | | 9727568369 | | | |
| 307 | Ms. TWINKLE P. PATEL | Student | | | 8469234572 | | | T. P Patel |
| 308 | Ms. AYUSHI G. DESAI | Student | | | 9512970170 | | | Ayushi |
| 309 | Ms. SHIVANGI S. | Student | | | 9712044039 | | | |

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# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail

**Date:** 16/2/19

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | PATEL | | | | | | | |
| 310 | Ms. Khushbu V. Bhatt | Faculty | Vinayaka College of Nursing, Nadiad | Gujarat | 7572985771 | | | Khushbu |
| 311 | Ms. Nissy Emanuel Kant | Faculty | | | 8320699233 | | | |
| 312 | Ms. Mansi J. Patel | Faculty | | | 9099480103 | | | Mansi |
| 313 | Ms. Dharti H. Kachhiya | Faculty | | | 9909185107 | dhartikachhiya94@gmail.com | A-II/H-I-9958 | Dharti |
| 314 | Ms. Jacklin J. Makwan | Faculty | | | 9737603553 | | | Jacklin |
| 315 | Ms. Aerica J. Macwan | Faculty | | | 9825591405 | | | Aerica |
| 316 | Ms. Shelin R. Parmar | Faculty | | | 7228835591 | | | Shelin |
| 317 | Ms. Shreya K. Patel | Faculty | | | 7698963969 | Shreya1294@gmail.com | A-II/H-II-8264 | Shreya Patel |
| 318 | Ms. Priyanka A. Patel | Faculty | | | 9409021378 | patelpriyanka1294@gmail.com | A-II/H-II-6065 | Priyanka |
| 319 | Ms. Patel Vaishali Hasmukhbhai | I/C Principal | Vraj Institute of Nursing science and research centre, Gandhinagar | Gujarat | 8200410085 | vaishalipatel723@gmail.com | A-II/H-II-5984 | Vaishali |
| 320 | Ms. Patel Dhara Rameshbhai | Vice Principal | | | 9409509335 | dhara8260@gmail.com | A-I/H-19736 | Dhara |
| 321 | Mrs. Reena Naginbhai Patel | Staff nurse | Zydus Hospital, Anand | Gujarat | 7622901842 | patelrna1782@gmail.com | A-I/H-J-20466 | Reena patel |

# Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT
## International Conference on Public Health-A workforce for countdown 2030 SDGs
## Registration detail
## Spot registration

Date: 15 & 16/2/2019

| Sr. No. | Name of delegate | Designation | Name of Institute | State | Contact Number | Email | RN/RM Number | Signature |
|---|---|---|---|---|---|---|---|---|
| 1 | Ila B Raichura | M.sc Student | Sumandeep | Gujarat | 9824207217 | ilaraichura123@gmail.com | A-1 \| H-1 Tedj | |
| 2 | Vijay Jaolhar | BSc. Student | T.M.V Pune | Maharashtra | 9308999939 | Vijaykumarjaolhar@gmail.com | | |
| 3 | R K Bhatti | Asso. Prof. | AFMC | Maharashtra | 9834417847 | ranjumona@yahoo.co.in | | |
| 4 | Pinki Patel | Student | Choithram col. | | | | AI-28332, RM-27682 | |
| 5 | Rahul Singh Mandli | student | " | | | | AI 30556 RM-29916 | |
| 6 | Heena Kathale | student | " | | | | | |
| 7 | Mansi Patel | Alumni | - | Gujarat | 7874897889 | | A-11\|H-11\|5749 | |
| 8 | Baiya Parvez Khan | B.Sc Student | Dr. B.R Ambedkar | Gujarat | 8320312311 | Khanb3567@gmail.com | | |

Sumandeep - Rs. 350

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY [CHARUSAT]

Faculty of Medical Sciences

## MANIKAKA TOPAWALA INSTITUTE OF NURSING

Report on

# "International Conference on Public Health: A workforce for countdown 2030(SDGs)" & International Preconference on "Writing skills for Research Funding"

| | |
|---|---|
| **Date of event** | **: 15th and 16th February 2019** |
| **Date of Submission** | **: 18th April 2019** |
| **Organizers** | **: MTIN in collaboration with SOCHNI & IIPHG** |
| **Venue** | **: CMPICA Auditorium** |


**Submitted By**

| | |
|---|---|
| **Name** | **: Siddaram Sarate** |
| **Designation** | **: Asst. Professor** |
| **Department** | **: Nursing** |
| **Email** | **: siddaramsarate.nur@charusat.ac.in** |


**Endorsed by**

MANIKAKA TOPAWALA INSTITUTE OF NURSING ★ CHARUSAT CAMPUS CHANGA

19/4/19

**Principal**

**Seal and Signature**

PRINCIPAL
MANIKAKA TOPAWALA INSTITUTE OF NURSING
CHARUSAT CAMPUS - CHANGA.
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)

# Report of International Conference on Public Health: A workforce for countdown 2030(SDGs)

Organised by Manikaka Topawala Institute of Nursing in collaboration with Society of Community Health Nurses of India (SOCHNI) and Indian Institute of Public Health, Gandhinagar (IIPHG) on 15th & 16th February 2019 at CMPCIA Auditorium

**Introduction:**

Manikaka Topawala Institute of Nursing a constituent of Charotar University of Science and Technology moving towards its vision "To become a premier institute in the field of nursing Education, Practice & Research" & committed to get its mission "To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society" by organising various activities other than curriculum such as expert talk, Endowment chair, conferences and workshops every year since its inception to impart knowledge, awakening wisdom and transforming lives.

For achieving the targets of Sustainable Development Goals by 2030, India needs to work a lot for improving public health and strengthen health care services and ensure quality of care. Capacity Building is one of most important components to achieve the set goals. Today in India, health indicators have improved such as; reduction of maternal mortality rate, and infant mortality rate, higher proportion of institutional births and better contraceptive use. However we still face huge challenges such as high out of pocket expenditure on health, climate change (most 13 polluted cities of the world are in India), uncontrolled Non Communicable diseases to name a few .

Health care providers and health care institutions contribute significantly in ensuring quality of health services and quality of life. With this reasoning in mind the theme for the conference was developed in consultation with experts from the field of public health.

**About CHARUSAT**:

CHARUSAT is one of the leading universities in providing quality education with more than 7500 students, 450 faculties,500 staffs and offering more than 72 courses in UG, PG& PhD. It is approved by UGC under section 22 of UGC Act and formed under Gujarat state act No.8 of 2009. CHARUSAT accredited with "A" grade by both NAAC (National Assessment & Accreditation Council), Government of India. CHARUSAT follows Honesty,

Integrity and Transparency, the three basic principles in all its administration, academic and research.

**Vision**

To become a dynamic global institution in a knowledge driven world through excellence in teaching, research and social contributions

**Mission**

To serve society by striving to transform it through creation, augmentation, dissemination & perpetuation of knowledge

**About MTIN:**

Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT. We offer General Nursing & Midwifery, B.Sc. Nursing, M.Sc. Nursing in Medical Surgical, Child Health, Obstetric &Gynaecological, Community Health and Mental Health Nursing and PhD. We are affiliated by Indian Nursing Council, New Delhi and Gujarat Nursing Council, Ahmedabad. We believe in innovation in nursing education, practice and research. We established nursing research lab in 2014, unique of its kind in India. Our faculties and students involved widely in funded research project. We are striving hard to prepare our nurses for global platform and such arrangements made not only to provide world-class infrastructure but also in teaching-learning activities. Our alumni are placed in many countries such as USA, UK, South Africa, Canada, Australia etc.

**Vision**

To become a premier institute in the field of Nursing education, practice & research.

**Mission**

To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society

**About SOCHNI:**

Change and advancement is inevitable in any sphere of a profession .Community health nursing is no exception. Any individual requires the satisfaction of their survival needs and a sense of belonging to be met before they function at their optimum level.

An association therefore primarily caters to the individual rights of its members so that each one can effectively and efficiently function to fulfil the common goal.

Therefore the society of community Health Nurses of India supported by its members hopes to serve its individual members in enabling and empowering to serve the community at large and to promote and protect professional interest of Community

Health Nurses

**Vision:**
The Vision Of The Founder Members For The Association Is "Collaboration For Empowerment Of Community Health Nurses, Continued Education, And Professional Development Of Community Health Nurses To Expand The Scope Of Community Health Nursing Practice In India".

**About IIPH:**

Indian Institute of Public Health Gandhinagar (IIPHG) is India's first Public Health University. IIPHG is an example of visionary leadership of Honourable Shri Narendra Modi(then Honourable Chief Minister of Gujarat), who laid the foundation stone and provided support for establishing the institute in 2008. Government of Gujarat and Public Health Foundation of India (PHFI) entered a MoU in 2007 to establish IIPHG. Under the MoU, Government of Gujarat allocated land and agreed to share a part of the project cost.

The institute has a Governing Council with four secretaries of the government as ex-officio members and four representatives of PHFI as members. The Chairperson of IIPHG is an independent person of high repute, and currently this position is held by Mr. Sudhir Mankad (IAS), former Chief Secretary of Government of Gujarat. The institute is headed under the directorship of Prof. Dileep Mavalankar, a renowned Academician and Researcher trained in India and United States of America, and working in the field of public health since last three decades.

**Objectives of Conference:**

01. To overview SDGs in the context of global need.
02. To highlight Universal Health Coverage and its implementation
03. To provide road map to ensure healthy lives by 2030
04. To strengthen health resources in public health for meeting the needs of health care system
05. To tailor social security system and quality essential health care services to needy individual and family.
06. To share resolutions of conference with concerned state and central health departments, SDGs Nodal office and working committee.

## Program Agenda

## (15th and 16th February 2019)

**Day-1: 15th February 2019**

| Sr. No. | Time | Resource person | Topic |
|---|---|---|---|
| | 8.30 to 9.30 am | **Registration and Breakfast** | |
| 1. | 9.30 to 10.20 am | Dr. Suresh Ray, Associate. Professor BVPCON, Pune | Unfolding the Theme |
| 2. | 10:20 to 11:10 am | Ms. Shandrila Immanuel Professor, CMC, Vellore | Vision for Universal Health Coverage for low and middle class income countries |
| | 11:10 to 11:20 am | **Breakout Session** | |
| 3. | 11:20 to 12:10 pm | Inaugural Ceremony | |
| 4. | 12:10 to 1:00 pm | Dr. Rekha Jaiprakash Ogale Professor, RAK College of Nursing, RAK Medical & Health Sciences University, UAE | Roadmap to Ensure Healthy Lives |
| | 1:00 to 1:50 pm | **Lunch** | |
| 5. | 1:50 to 2:40pm | Dr. Aminath Jameel Former Health Minister, Maldives and Board Member, South Asian for Human Rights | Exploitation Of Resources For Meeting the Needs of Health Care System |
| | 2:40 to 2:50 pm | **Breakout Session** | |
| 6. | 2:50 to 3:40 pm | Dr. Bharti Sharma Professor & Director, IIPH, Gandhinagar | Role Of Public Health Research: to Achieve Health for All |
| 7. | 3:40 to 4:40pm | Dr. Aminath Jameel Former Health Minister, Maldives<br>Dr. Chellarani V, Professor<br>Ms. Greeda A, Professor<br>Dr. Suresh Ray, Associate Professor<br>Dr. Bharti Sharma, Professor | Panel Discussion Social Protection System |
| | 4:40 to 4:50pm | **High Tea** | |
| 8. | 4:50 to6:15 pm | **Paper Presentation** | |
| 9. | 6:30 onwards | **Cultural Evening with Dinner** | |

**Day-2: 16th February 2019**

| Sr. No. | Time | Resource person | Topic |
|---|---|---|---|
| 10. | 9:30 to 10:20 am | Dr. Rekha Jaiprakash Ogale<br>Professor, RAK College of Nursing,<br>RAK Medical & Health Sciences University, UAE | Vision to control NCD: Leading Cause of Poverty |
| 11. | 10:20 to 11:10 am | Dr. Usha Ukande,<br>Professor<br>CCON, Indore | Gender Equality: Challenges and Solutions |
| | 11:10 to 11:20 am | **Breakout Session** | |
| 12. | 11:20 to 12:10 pm | FUN with Learning (LOL session) by Dr. Raju Rathod | |
| | 12:10 to 1:10 pm | **Lunch** | |
| | 01:10 to 2:00 pm | **SOCHNI**<br>**General Body Meeting** | |
| 13. | 02:00 to2:50 pm | Mr. Siddaram Sarate<br>Asst. Professor, MTIN, | Roadmap to fight with HUNGAMA |
| 14. | 02:50 to3:40 pm | Dr.Rakesh Mahendrakumar Patel<br>Medical officer<br>DHO, Anand | A Package of Quality essential health care services in India |
| | 04:00 pm onwards | **Valedictory Function followed by ice cream** | |

| **Venue I** |
|---|
| **Topic: Writing skills for Research Funding**<br>**Time: 9.00am to 4.30pm** |
| **MTIN Auditorium**<br>**Room no.110**<br>**Ground Floor, MTIN** |
| **Dr. Aminath Jameel**<br>**Former Health Minister, Maldives &**<br>**Board member, South Asian for Human Rights** |

# OUTLINE OF PRE-CONFERENCE WORKSHOP ON WRITING SKILLS FOR RESEARCH FUNDING

| SR. NO. | TIME | AREAS | ACTIVITY |
|---|---|---|---|
| **1** | **1HOUR 5 MINS** | **Preparations to be done before writing research proposal for funding** | |
| 1.1 | 9.30-9.45AM | INTRODUCTION & OVER VIEW TO RESEARCH FUNDING | Presentation & Discussion |
| 1.2 | 9.45-10.00AM | KNOW ABOUT THE FUNDING AGENCY | Presentation & Discussion |
| 1.3 | 10.00-10.15AM | UNDERSTAND TARGET AUDIENCE/REVIEWERS | Presentation & Discussion |
| 1.4 | 10.15-10.35 AM | REVIEWING SPONSOR'S GUIDELINES FOR PROPOSAL | Group activity: participants to be divided in 4-5 stations/groups. Various national sponsor's / funding agencies' guidelines may be given to groups for reviewing or as per expert's planned activity |
| **2** | **3 HOUR 35 MIN** | **Process of writing research proposal for funding** | |
| 2.1 | 10.35-10.50 AM | FORMULATING RESEARCH QUESTION | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |
| 2.2 | 10.50-11.00 AM | FORMULATING HYPOTHESIS | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |
| 2.3 | 11.00-11.10 AM | AIMS AND OBJECTIVES | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |
| 2.4 | 11.10-11.30 AM | PROJECT TEAM | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |

| | | | |
|---|---|---|---|
| 2.5 | 12.00-12.15 PM | SHORT DISCRIPTION/ABSTRACT OF THE PROJECT | GROUP ACTIVITY: GROUPS MAY BE ASKED TO PREPARE AS PER THE FUNDING AGENCY GUIDELINE GIVEN TO THEM OR AS PER EXPERT'S PLANNED ACTIVITY |
| 2.6 | 12.15-12.45 PM | BACKGROUND-INTRODUCTION, STATEMENT OF PROBLEM, SIGNIFICANCE, LITERATURE REVIEW | Presentation & Discussion |
| 2.7 | 12.45-1.10PM | PROJECT NARATIVE : METHODOLOGY | Presentation & Discussion |
| 2.8 | 2.00-2.20 PM | PROJECT NARATIVE : STATISTICAL CONSIDERATION | Presentation & Discussion |
| 2.9 | 2.20-3.00 PM | BUDGET AND BUDGET JUSTIFICATION: PERSONNEL EXPENSES, DIRECT PROJECT EXPENSES, ADMINISTRATIVE/OVERHEAD EXPENSES | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |
| 2.10 | 3.00-3.10 PM | PROPOSED OUTCOME OF THE STUDY | Presentation & Discussion |
| 2.11 | 3.10-3.30 PM | TIME PLAN | Group activity: groups may be asked to prepare as per the funding agency guideline given to them or as per expert's planned activity |
| **3** | **3.30-3.45 PM** | **PROOF-READ** | **1 participant of each group will present their group activity** |
| **4** | **3.45-4.00 PM** | **GENERAL TIPS AND COMPONENTS FOR WRITING RESEARCH PROPOSAL FOR FUNDING** | **Presentation & Discussion** |

Session were conducted as per above outline and many national and international protocols were discussed.

**Registration:**

Preconference we had total 65 participants (10 from outside institutions, rest other were PG students and faculty of MTIN)

**Registration:**

We got 339 registrations with 8 spot registrations from 49 institutions of 10 states and one union territory. 63 research papers include 53 oral and 10 poster presentations.

**Unfolding the Theme:**

Theme of the conference was unveiled by Dr. Suresh Ray, Associate Professor, Bharati Vidyapeeth College of Nursing, Bharati vidyapeeth, pune by over viewing Sustainable Development goals in the context of Asian region and role of health care providers in achieving SDGs by 2030.

**Vision for Universal Health Coverage for low and middle class income countries:**

Prof. Shandrila G Immanuel, Professor. CMC Vellore & Secretary – SOCHNI has discussed in detail about concept of UHC, Challenges and Road Map in Implementation of UHC.

3.8 - "Achieve universal health coverage, including financial risk protection, access to essential quality health services and access to safe, effective, quality and affordable essential medicines and vaccines for all".

Facts of UHC:

- Needed for people's health and development.
- Possible and Affordable for all countries.
- People-centered and Politically smart.

**Quadruple Challenges:**

1. Transition of diseases from communicable to non-communicable.
2. Proper mobilization and utilization of health services.
3. Efficient and equitable distribution of health services.
4. Revival of economic security and political commitment.

**ROAD TO UNIVERSAL HEALTH COVERAGE:**

- Availability of Essential Equipment
- Allocation of Adequate Financial Resources
- Gearing of Coherent PPCRA at all levels for Quality health
- Procurement of Adequate Logistic and Material Supplies
- Safe drugs and Supplies in all Health Facilities
- Availability of Skilled Manpower

**Inaugural Ceremony:**

Inaugural Ceremony of Conference was graced by Smt. Jyotsnaben H Patel and Shri. Harishbhai Patel, Patron, MTIN as Chief Guest. Dr. Pankaj Joshi, provost, CHARUSAT was presided over the function. Dr. B G Patel, Advisor, CHARUSAT Dr. Chellarani V, President, SOCHNI, Shri Naginbhai Patel, President, CHRF and M.C Patel, Secretary, Matrusanstha, Kelvani Mandal and CHRF are invited as Guests of honour, Shri I A Kadivala, Vice-president, GNC, Dr. Bharti Sharma, IIPHG, Dr S. P Kosta, Advisor, CHARUSAT and Dr. Anil Sharma Chairperson and Principal, MTIN were present on Dias.

Conference Proceedings was released during the inaugural Ceremony by the guests.

**Roadmap to Ensure Healthy Lives:**

Dr. Rekha Jaiprakash Ogale, Professor, RAKCON, RAKMHSU, UAE had great delibration with delegates and She covered few important aspect in her session such as Importance of healthy living, Concept of wellness and components of wellbeing, Health status of antenatal mothers, children, adolescents, adult and old age people, Factors related to family, food, sleep and environment affecting healthy living, Healthy community living practices and Tips for healthy living.

**Exploitation Of Resources For Meeting the Needs of Health Care System:**

Dr Aminath Jameel, BSc (N), MSc (CHN), PhD, former health minister, Maldives has enlighten delegates with her expertise. Session was plan under following headings; Health care spending around the world is growing at an unsustainable rate, Healthcare's operating model,

**Waste in health care includes:**

- Spending on services that lack evidence of producing better health outcomes;
- Inefficiencies in the provision of health care goods and services;
- Costs incurred while treating avoidable medical conditions, such as hospital-acquired infections.
- Extravagant spending on infrastructure with extreme leakages (corruption)

**Ways of waste and exploitation in the health care system:**

- Failure to deliver services
- Failure to coordinate care

- Over-treatment
- Pricing failures
- Errors (Human errors)

**Role Of Public Health Research: to Achieve Health for All:**

Dr. Dileep Mavalankar Director & Dr. Bharati Sharma Associate Professor, Indian Institute of Public Health Gandhinagar (India's First and Only Public Health University) had bought roadmap to strength research in public health. Plenary session includes past illustrated examples such as Florence Nightingale as companionate As Researcher, She made graphs: Polar Area Diagram, or "coxcombs".

Research starts with common and systematic observations, data and calculations, graphs Maps; Cause and effect, Hypothesis, Effect of Interventions and their effects, Proof of hypothesis.

Scope of research in public health examples:

| | |
|---|---|
| Research questions: Service provider perspective<br>• How many people use service/ product?<br>• Why do some use while others don't?<br>• Types of people use/do not use the product?<br>How can the product/service be improved? | Research questions: Administrator/ manager /planner perspective<br>• What are peoples' service needs?<br>• Number & type of providers needed?<br>• Training needs of staff?<br>• How to evaluate staff work?<br>• Do services make any difference? |
| **Research Questions from Consumer perspective**<br>• Am I getting value for money?<br>• Does product/ service cause harm in long run, what is evidence?<br>• Which/where is a best quality service available? | **Research Questions from Professional perspective**<br>• Which is best intervention for given health problem?<br>• What is relation between X & Y?<br>• What is best way to measure attitudes?<br>• What are various determinants of a particular health problem? |

**Panel Discussion: Social Protection System:**

Dr. Aminath Jameel, Former Health Minister, Maldives, Dr. Chellarani V, Professor, Ms. Greeda A, Professor, Dr. Suresh Ray, Associate Professor, Dr. Bharti Sharma, Professor were panellist. Panellist had discussed on various social protection system such as Universal Health Coverage, Global Youth and employment, Elderly care and protection, Social protection for Mother and children and Health Financing.

**Paper Presentation:**

There were total 63 research papers accepted by Scientific Committee, out of 63, 53 were oral and 10 were poster. Five venues were prepared for presentation and 5 Best Paper were awarded, one for each venue.

**Vision to control NCD: Leading Cause of Poverty:**

Dr. Rekha Jaiprakash Ogale, Professor, RAK College of Nursing, RAK Medical & Health Sciences University, UAE was invited speaker to deal Vision to control NCD: Leading Cause of Poverty. Speaker had focused on Non Communicable Diseases in Men and Women, Life Style Related Risk Factors, Current Status and Trends in Risk Factors, NCD: Global Scenario, India: Risk of NCDs, Strategies For Prevention and Control of NCDs, WHO : "Best Buy" Interventions, NCD and the Sustainable Development Goals.

**Gender Equality: Challenges and Solutions:**

Dr. Usha Ukande, Professor, Choitram College of Nursing, Convener, 'SWA' Natural Birthing Centre, Choithram Hospital & Research Center, Indore was invited speaker.

Dr. Usha Ukande was planned session with Current Scenario, History, Challenges and Solutions for ensuring Gender equality. Few challenges were **Decline in child sex ratio (0-6 years), literacy for females, Discrepancies in delivery of Health care to women and girls, Violence against women, gap between men and women in political decision making. Few solution were also discussed**

- At Policy making level
- At Societal level
- At Family level
- At Individual Level

**FUN with Learning (LOL session) by Dr. Raju Rathod:**

Dr. Raju Rathod, Renowned inspirational speaker has motivated and inspired participants how to enjoy at workplace and make stress friendly, "Service with Smile".

**Roadmap to fight with HUNGAMA:**

Mr. Siddaram Sarate, Assistant professor and HOD, Community Health Nursing had deliberation on **HUNGAMA.**

Session was outlined with Hunger is on the rise, HUNGaMA Facts, Global Hunger Index, Status of India, Global Nutrition Report- 2018, **Malnutrition in India: A Snapshot, HUNGaMA Cycle, Conceptual Framework adapted by UNICEF, Holistic approach to tackle HANGaMA and Effective actions to tackle hunger and malnutrition.**

**A Package of Quality essential health care services in India:**

Dr.Rakesh Mahendrakumar Patel, Medical officer, DHO, Anand

- To highlight heterogeneity of health care system in India
- To define and describe evolution of primary health care in India
- Key achievements and challenges to primary health care
- Proposed model of Comprehensive Primary Health Care (CPHC) to achieve Universal Health Coverage (UHC) and financial risk protection

Key challenges to CPHC

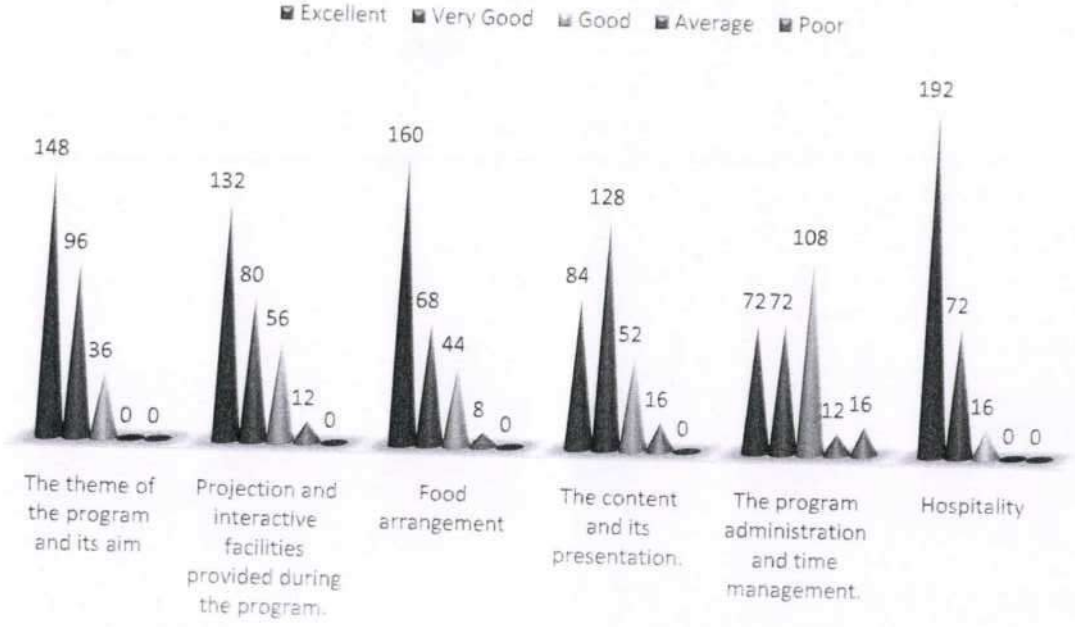
**Valedictory Function:**

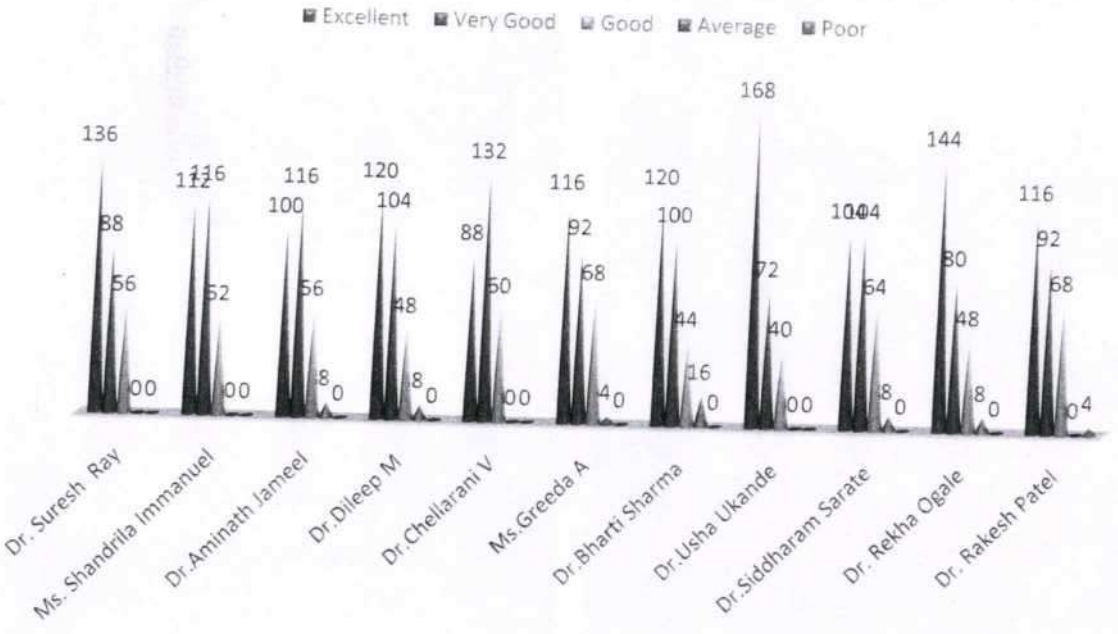
Conference was concluded with Valedictory program where certificate and prizes were distributed to participants and five best papers were awarded (one award for each venue)

Delegate's oral feedback and feedback on rating scale was taken and found to be very effective.

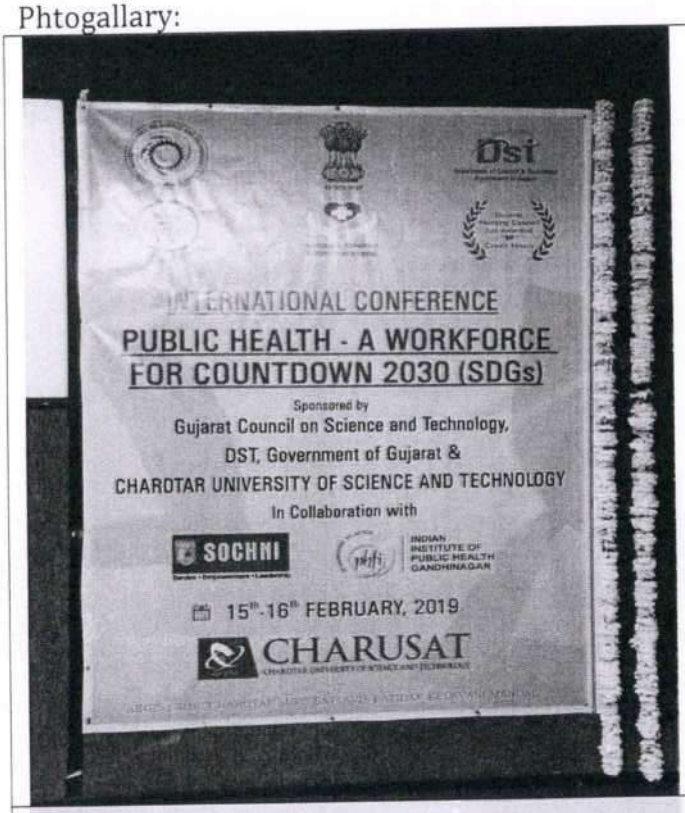
**Feedback Analysis Report n= (280)**

| Workshop content and organization | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|
| 1. The theme of the program and its aim | 148 | 96 | 36 | 0 | 0 |
| 2. Projection and interactive facilities provided during the program. | 132 | 80 | 56 | 12 | 0 |
| 3. Food arrangement | 160 | 68 | 44 | 8 | 0 |
| 4. The content and its presentation. | 84 | 128 | 52 | 16 | 0 |
| 5. The program administration and time management. | 72 | 72 | 108 | 12 | 16 |
| 6. Hospitality | 192 | 72 | 16 | 0 | 0 |
| 7. Expert talks | | | | | |
| a) Dr. Suresh Ray | 136 | 88 | 56 | 0 | 0 |
| b) Ms. Shandrila Immanuel | 112 | 116 | 52 | 0 | 0 |
| c) Dr.AminathJameel | 100 | 116 | 56 | 8 | 0 |
| d) Dr.Dileep M | 120 | 104 | 48 | 8 | 0 |
| e) Dr.Chellarani V | 88 | 132 | 60 | 0 | 0 |
| f) Ms.Greeda A | 116 | 92 | 68 | 4 | 0 |
| g) Dr.Bharti Sharma | 120 | 100 | 44 | 16 | 0 |
| h) Dr.UshaUkande | 168 | 72 | 40 | 0 | 0 |
| i) Dr.SiddharamSarate | 104 | 104 | 64 | 8 | 0 |
| j) Dr. RekhaOgale | 144 | 80 | 48 | 8 | 0 |
| k) Dr. Rakesh Patel | 116 | 92 | 68 | 0 | 4 |


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Ms. Shandrila Immanuel
Dr.Aminath Jameel
Dr.Dileep M
Dr.Chellarani V
Ms.Greeda A
Dr.Bharti Sharma
Dr.Usha Ukande
Dr.Siddharam Sarate
Dr. Rekha Ogale
Dr. Rakesh Patel

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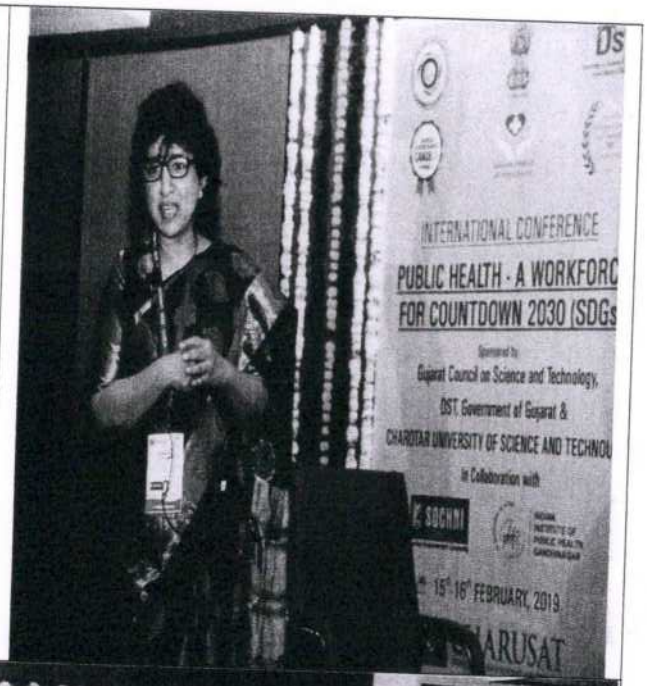




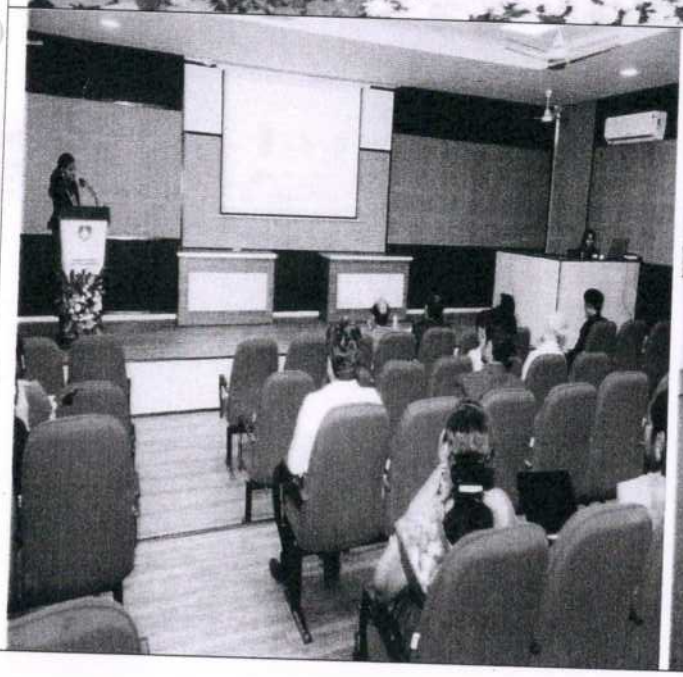







INTERNATIONAL CONFERENCE
PUBLIC HEALTH - A WORKFORC
FOR COUNTDOWN 2030 (SDGs
Gujarat Council on Science and Technology,
DST, Government of Gujarat &
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOL
In Collaboration with
15-16 FEBRUARY, 2019
ARUSAT


INTERNATIONAL CONFERENCE
PUBLIC HEALTH - A WORKFORCE
FOR COUNTDOWN 2030 (SDGs)





**Manikaka Topawala Institute of Nursing**

**Workshop on "International conference on Public Health: A workshop for countdown 2030"**

**Date: 11.10. 2018**

**Venue: MTIN Auditorium and Hospital**



**Inauguration**



**Lamp lighting**




**Speaker taking session**



**Participants**

# PROGRAM AGENDA

| Time | Topic | Resource Person |
|---|---|---|
| 08:30 am to 09:15 am | **Registration and Breakfast** | |
| 09:15 am to 11:15 am | **Session I :** Panel Discussion on Current scenario and Challenges- Indian Midwifery education and practice including Current Government initiated programs related to Maternal and Child Health. | ✪ **Dr. Bharti Sharma,** Professor, Indian Institute of Public Health, Gandhinagar, Gujarat.<br>✪ **Prof. Bharti Sanadia,** Principal, College of Nursing, Vadodara & President, Gujarat State Chapter, Society of Midwives, India.<br>✪ **Prof. Falguni Modi,** Principal, AMC MET Nursing College, Ahmedabad, Gujarat.<br>✪ **Prof. Raksha Parmar**, Principal, GH Patel School of Nursing, Karamsad, Gujarat.<br>✪ **Ms. Sapna Patel,** Asst. Professor, MTIN, CHARUSAT, Gujarat |
| 11: 30 am to 12:30 pm | **Session II:** Digitalization- a boon in positive maternal care | ✪ **Prof. Pravina Mahadalkar,** HOD-OBG Nursing dept., Bharati Vidyapeeth Deemed University College of Nursing, Pune. |
| 12:30 pm to 01:30 pm | **Lunch Break** | |
| 01:30 pm to 04:30pm | Session III: Skill stations:<br>**Station 1:** Mechanism of birthing<br>**Station 2:** Labour monitoring Partograph<br>**Station 3:** Episiotomy and suturing<br>**Station 4:** Third stage management with Controlled Cord Traction<br>**Station 5:** Neonatal Resuscitation-First Golden Minute | ✪ **Ms. Anjali Tiwari,** Asst. Professor, MTIN, CHARUSAT.<br>✪ **Ms. Sapna Patel**, Asst. Professor, MTIN, CHARSUSAT<br>✪ **Prof. Raksha Parmar,** Principal, G. H. Patel School of Nursing, Karamsad.<br>✪ **Prof. Falguni Modi,** Principal, AMCMET Nursing College, Ahmedabad<br>✪ **Ms. Binal Joshi**, Asst. Professor, MTIN, CHARUSAT. |
| 04: 30 pm to 05:00 pm | **Valedictory function with certificate distribution** | |

## BANK DETAILS

**Bank Name : State Bank of India**
**A/C Name : CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**
**A/C Number : 30875081005**
**Branch Name : Changa Branch - 388421**
**IFSC Code : SBIN0010961**



CHARUSAT

MANIKAKA TOPAWALA INSTITUTE OF NURSING

National Workshop on

# STRENGTHENING MIDWIFERY PRACTICE FOR POSITIVE MOTHERHOOD

Jointly organized by

## Manikaka Topawala Institute of Nursing

A Constituent of

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Accredited Grade 'A' by NAAC

&

## Society of Midwives, India (SOMI) Gujarat Chapter

On

28th May 2019

Venue: MTIN Auditorium, CHARUSAT Campus,
Changa - 388421 Ta.: Petlad Dist.: Anand

Applied for Gujarat Nursing Council Accreditation

## ABOUT CHARUSAT

CHARUSAT is one of the leading universities in providing quality education with more than 7500 students, 450 faculties, 500 staffs and offering more than 72 courses UG & PG. It is approved by UGC under section 22 of UGC Act and formed under Gujarat state act No.8 of 2009. CHARUSAT has been accredited with "A" grade by NAAC (National Assessment & Accreditation Council), Government of India. CHARUSAT follows Honesty, Integrity and Transparency, the three basic principles in its administration, academic and research.

## ABOUT MTIN

Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT Established in the year 2009. We offer General Nursing & Midwifery, B.Sc. Nursing, M.Sc. Nursing in Medical Surgical Nursing, Child Health Nursing, Obstetrical & Gynecological Nursing, Community Health Nursing and Mental Health Nursing and Ph.D. We are affiliated by Indian Nursing Council, New Delhi and Gujarat Nursing Council, Ahmedabad. We believe in innovation in Nursing Education, practices and research. We established nursing research lab in 2014, unique of its kind in India. Our faculties and students involved widely funded research project. We are striving hard to prepare our nurses for global platform and such arrangement mad not only to provide world-class infrastructure but also in teaching-learning activities. Our alumni are placed in many countries such as USA, UK, South Africa, Canada and Australia etc.

## ABOUT SOMI

Society of Midwives-India (SOMI), established in the year 2000, is a 10 yr old registered organization with a mission to strengthen midwifery, enable midwives and achieve safe motherhood. SOMI advocates for a maternity care that is 'Safe, Skilled and Sensitive' to women.

## OBJECTIVES

- To disseminate basic scientific concepts in midwifery practice and education.
- To explore and exchange the evolving concepts of midwifery.
- To facilitate skill enhancement as a midwife.
- To optimize maternal practice through harnessing digital technologies.
- To advocate the independent midwifery practice in India

## REGISTRAION DETAILS

**Registration open for 60 (Sixty) Participants depending on first come first serve basis**

**Registration fees: Rs. 400/-**

For Details Contact

**Ms. Anjali Tiwari, Assistant Professor, MTIN**
**Email: anjalitiwari.nur@charusat.ac.in**
**Mobile: +91-8141060265**

## ORGANIZING SECRETRY

**Ms. Anjali Tiwari, Assistant Professor, MTIN**
**Email: anjalitiwari.nur@charusat.ac.in**
**Mobile: +91-8141060265**

## ORGANIZING CHAIRPERSON

**Dr. Anil Sharma, Principal, MTIN**
**Email: principal.mtin@charusat.ac.in**
**Mobile: +91-8140364743**

## PATRON

- **Shri. Surendrabhai Patel,** President, CHARUSAT
- **Dr. M. C. Patel**, Secretary, Kelavani Mandal & CHRF
- **Dr. Pankaj Joshi,** Provost, CHARUSAT
- **Shri. Sumitraben Patel**, Donor, MTIN
- **Smt. Jyostna Harishbhai Patel**, Donor, MTIN

## ADVISORY COMMITTEE

- **Dr. B. G. Patel, Advisor, CHARUSAT**
- **Prof. H. J. Jani, Advisor, CHARUSAT**
- **Shri Ashok Patel, Advisor, CHARUSAT**
- **Dr. Devang Joshi Registrar, CHARUSAT**

anikaka Topawala Institute of Nursing

in collaboration with

Society of Midwives, India - Gujarat Chapter organizes

National level Workshop on "Strengthening Midwifery Practice for positive motherhood"

On 28.05.2019, Tuesday

REGISTRATION DETAILS

| Sr. No. | Name | Designation | Institute | State | Phone No. | Email | RN RM No. | Signature |
|---|---|---|---|---|---|---|---|---|
| 1 | JAKIRA SALIMBHAI PATEL | FHW | NABIPUR, BHARUCH | GUJARAT | 8128828478 | sugatjiya@gmail.com | F-I-9842 | |
| 2 | PARMAR HEMLATABEN RANJITSINH | NURSING TUTOR | MUNI SEVA ASHRAM, CON, GORAJ, VADODARA | GUJARAT | 8460415010 | hemujay207@gmail.com | A-II/H-II-4958 | |
| 3 | DIPIKA RATHOD | ASSISTANT PROFESSOR | | GUJARAT | 9428766544 | deepikarathod71@gmail.com | A-I/H-I/7255 | |
| 4 | PARIKH JINAL AJITBHAI | CLINICAL INSTRUCTOR | | GUJARAT | 9723958302 | jinalparikh3594@gmail.com | A-II/A-II-10630 | |
| 5 | SHARONKERAL RAJ | NURSING TUTOR | SHRI G.H.PATEL SCHOOL & COLLEGE OF NURSING, KARAMSAD | GUJARAT | 8460421846 | sharonkeral@gmail.com | A-I/H-I/ 2958 | |
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# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**[CHARUSAT]**

Faculty of Medical Sciences

# MANIKAKA TOPAWALA INSTITUTE OF NURSING

## Report of one day National workshop on

# "Strengthening Midwifery Practice for positive motherhood"

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| **Date of event** | **: 28/05/2019** |
| **Date of Submission** | **: 05/07/2019** |
| **Organizers** | **: OBG Nursing dept., Manikaka Topawala Institute of Nursing & Society of Midwives, India (Gujarat Chapter)** |
| **Venue** | **: MTIN Auditorium, CHARUSAT** |


**Submitted By**

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6/07/19

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**Faculty of Medical Sciences**
**Charotar University of Science and Technology – Changa**
**with**
**SOCIETY OF MIDWIVES, INDIA (GUJARAT CHAPTER)**
**jointly organized a National workshop on**
**"Strengthening Midwifery Practice for positive motherhood"**

**Date: 28.05.2019** **Day: Tuesday** **Timings: 8.30 am to 5.00 pm**

## INTRODUCTION:

The OBG nursing department of Manikaka Topawala Institute of Nursing along with Society of Midwives, India (Gujarat Chapter) had organized a one day national workshop on "Strengthening Midwifery Practice for positive motherhood", at MTIN Auditorium, CHARUSAT on 28th May, 2019. A total of 104 delegates participated in the workshop from 15 various nursing institutes / hospitals.

## AGENDA:

| Time | Topic | Resource Person |
|---|---|---|
| 8.30 – 9.15 am | Registration and breakfast | |
| 9.15 – 11.15 am | ***Session I:*** Panel Discussion on Current scenario and Challenges- Indian Midwifery education and practice including Current Government initiated programmes related to Maternal and Child Health.<br>• *Present day Midwifery education & scope of practice in Gujarat & India*<br>• *On-going innovations and challenges of midwifery education & practice which affects Maternal & Child health*<br>• *Policy directions & options to reduce gaps between midwifery education, training & practice for positive motherhood*<br>• *Current Government initiated programmes related to Maternal and Child Health* | • Dr. Bharti Sharma, *Professor at the Indian Institute of Public Health, Gandhinagar, Gujarat.*<br>• Prof. Bharti Sanadia, *Principal, College of Nursing, Vadodara & President, Gujarat State Chapter, Society of Midwives, India.*<br>• Prof. Falguni Modi, *Principal, AMC MET Nursing College, Ahmedabad, Gujarat.*<br>• Prof. Raksha Parmar, *Principal, GH Patel School of Nursing, Karamsad, Gujarat.*<br>• Ms. Sapna Patel, *Asst. Professor, MTIN, CHARUSAT, Gujarat.* |
| 11.30–12.30pm | ***Session II:*** Digitalization- a boon in positive maternal care | Prof. Pravina Mahadalkar, *HOD-OBG Nursing dept., Bharati Vidyapeeth Deemed University College of Nursing, Pune.* |
| 12.30-1.30 pm | Lunch break | |
| 1.30-4.30 pm | ***Session III:*** Skill stations:<br>• Station 1: Mechanism of birthing | • Ms. Anjali Tiwari, *Asst. Professor, OBG(N) Dept., MTIN, CHARUSAT.* |

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| | • Station 2: Labour monitoring - Partograph<br>• Station 3: Episiotomy and suturing<br>• Station 4: Third stage management with Controlled Cord Traction<br>• Station 5: Neonatal Resuscitation-First Golden Minute | • Ms. Sapna Patel<br>• Prof. Raksha Parmar<br>• Prof. Falguni Modi<br>• Ms. Binal Joshi, *Asst. Professor, MTIN, CHARUSAT.* |
| 4.30–5.00 pm | Valedictory function | |

**OBJECTIVES OF THE WORKSHOP:**

1. To disseminate basic scientific concepts in midwifery practice and education.
2. To explore and exchange the evolving concepts of midwifery.
3. To facilitate skill enhancement as a midwife.
4. To optimize maternal practice through harnessing digital technologies.
5. To advocate the independent midwifery practice in India.

**BRIEF REPORT OF THE EVENT:**

The program commenced with registration of the delegates followed by breakfast from 8.30 am to 9.15 am. During this period the participants were requested to fill pre-test forms. After the invocation song, Ms. Anjali Tiwari, Assistant Professor, MTIN (Organizing Secretary) addressed the gathering and welcomed the guests, expert speakers and Gujarat Nursing Council Observers. She enlightened the audience with the history of MTIN, CHARUSAT.

**SESSION –I: Panel Discussion on Current scenario and Challenges- Indian Midwifery education and practice including Current Government initiated programmes related to Maternal and Child Health.**

**Panelists:**

- Dr. Bharti Sharma, Professor at the Indian Institute of Public Health, Gandhinagar, Gujarat.
- Prof. Bharti Sanadia, Principal, College of Nursing, Vadodara & President, Gujarat State Chapter, Society of Midwives, India.
- Prof. Falguni Modi, Principal, AMC MET Nursing College, Ahmedabad, Gujarat.
- Prof. Raksha Parmar, Principal, GH Patel School of Nursing, Karamsad, Gujarat.

**Moderator:** Ms. Sapna Patel, Asst. Professor, MTIN, CHARUSAT, Gujarat.

**Time:** 9.15 – 11.15 am

After the inauguration, the first session was a panel discussion on Current scenario and Challenges- Indian Midwifery education and practice including Current Government initiated programmes related to Maternal and Child Health. It was moderated by Ms. Sapna Patel. Dr. Bharti Sharma, Professor at the Indian Institute of Public Health, Gandhinagar, Gujarat, had discussed about the present day Midwifery education & scope of practice in Gujarat & India. She stressed on specifically on what is the actual need of qualified midwifes and in relation to that how is the nursing educational institutions are working to prepare the midwives. She shared her views also about the midwifery education that occurs in international countries like Sweden as well. She mentioned that the midwifery practice of staff nurses was "circumstance-driven" and ranged from extended to marginal because the legal right to practice was unclear. The clinical midwifery education of students was marginalized. Because of dual registration as nurse and midwife, the identity of a nurse was predominant. India has a national regulatory body, but midwifery specific regulation is lacking. In this situation, the midwifery scope of practice of staff nurses is undefined. The pre-service midwifery education does not develop student's confidence to provide first level care for childbirth, as expected by the governments. Short-term and long-term measures to professionalize midwives in India were suggested by her.

Prof. Raksha Parmar, Principal, GH Patel School of Nursing, Karamsad, Gujarat discussed about on-going innovations and challenges of midwifery education & practice which affects Maternal & Child health. She mentioned that all professions these days are using information communication technology (ICT) innovations that are transforming the 21st century learning environment. Nursing and midwifery need to use ICT to provide evidence based care and acquire new skills to function efficiently in high impact technology environments. She discussed about innovative initiatives like blended learning, massive open online courses, simulation and embracing technology in a community oriented, primary care outreach program design. In addition, innovations in nursing research were discussed through the lens of obstetric conditions, the major cause of disability and death throughout the world. She elaborated that within midwifery there is continuous attention to quality of care. New guidelines, protocols and best practices are developed and these are often based on good scientific research. The practice requires professionals who can

implement these innovations within their own work fields. Midwifery clinical challenges include restrictive legislation and business-related barriers, including but not limited to physician supervision restrictions, prescriptive authority, out-of-hospital birth legislation, and third party reimbursement. Educational challenges highlighted include the current healthcare climate's influence on midwifery education, the contribution of clinical sites and preceptors, and the benefits of midwifery education. Also it includes feelings of demoralization, shortage of resources, societal challenges and personal struggles.

Prof. Falguni Modi, Principal, AMC MET Nursing College, Ahmedabad, Gujarat discussed about Policy directions & options to reduce gaps between midwifery education, training & practice for positive motherhood. She explained that Midwives are in a unique position, given the emphasis of the philosophy of midwifery care on building relationships and incorporating a holistic approach, to support women to make healthy choices with the aim of promoting health and preventing ill health. However, exploration of the educational preparation of midwives to facilitate public health interventions has been relatively limited. There is a unique opportunity to impact on maternal and infant health throughout the reproductive period; however the current approach to public health within midwifery education should be reviewed to capitalize on the role of the midwife in delivering public health interventions. She also conveyed that better understanding of midwifery public health roles and the visibility of public health within midwifery is required in order to maximize the potential contribution of midwives to achieving short and long term public health population goals.

Prof. Bharti Sanadia, Principal, College of Nursing, Vadodara & President, Gujarat State Chapter, Society of Midwives, India, discussed about Current Government initiated programmes related to Maternal and Child Health. She explained that Maternal Mortality Ratio is one of the important indicators of the quality of health services in the country. India has made remarkable progress in reducing maternal deaths in the last two decades. Yet India has a long way to go. In process of reducing the MMR, government of India has come up with various health programmes related to maternal and child health. She gave examples of various such programmes some of which include Labour Room Quality Improvement Initiative – LaQshya, Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA), Rashtriya Bal Swasthya Karyakram (RBSK), Rashtriya Kishor Swasthya

Karyakram (RKSK), Mission Parivar Vikas (MPV), Family Planning – Logistics Management Information System (FP-LMIS).

**SESSION –II: Digitalization- a boon in positive maternal care**

**Resource person:** Prof. Pravina Mahadalkar, HOD-OBG Nursing dept., Bharati Vidyapeeth Deemed University College of Nursing, Pune.

**Time:** 11.30 am to 12.30 pm

The second session was delivered by Prof. Pravina Mahadalkar, HOD-OBG Nursing dept., Bharati Vidyapeeth Deemed University College of Nursing, Pune. Madam lectured about various aspects of maternal care specifically mentioning about MMR and maternal morbidity in Indian and international scenario. In India 20% receive care from the Public hospitals / health care units and remaining 80% receive the care from Private unregulated sector. Digitalization is the use of digital technologies to change a business model and provide new revenue and value-producing opportunities," according to Gartner's glossary. It is the process of moving to a digital business. Digitalization, is the process of converting information into a digital (i.e. computer-readable) format, in which the information is organized into bits. The result is called digital representation or, more specifically, a digital image, for the object, and digital form, for the signal. Digitalization in Health care refers to the process by which organizations move from the typical analog to digital processes. Benefits of Digitalization include Improve the efficiency of business processes, consistency, and quality worldwide, Integrating a conventional digitized records system. Improve accessibility and facilitate better information exchange worldwide, Increase response time and customer service anywhere in the world. There are many reasons why companies are making this change. She specified of some Pilot Projects like Technology for e health services, 104- Medical Call centre in Maharashtra, Online medical consultations, Online medical records, ANMol, Online medical supply, Pan India Exchange of patient Information, Telemedicine projects. She also explained of the benefits of NHS going Digital which include maximizing the quality time spent between women and healthcare professionals, to improve communication between women and maternity services, to increase the choice and personalization of care for women and their families, to improve safety for women and babies, to improve women's experience of care. At the end of her session she showed a very interesting video of how the government of India has developed as well implementing the education of ANM through use of digitalization.

**LUNCH BREAK:**

Lunch arrangements were made at the MTIN building for all the participants and in the Conference room of MTIN building for all the executives. After the lunch break, group photo session was done. The participants were divided into 5 groups to be rotated among the skill station after the lunch break.

**SESSION –III: Skill stations:**

**Station 1:** Mechanism of birthing

**Resource person:** Ms. Anjali Tiwari, Asst. Professor, OBG(N) Dept., MTIN, CHARUSAT.

**Time:** 1.30 to 4.30 pm

In her station, Madam demonstrated and even obtained re-demonstration from the participants about the mechanism of normal labour. She explained as follows: The series of movements that occur on the head in the process of adaptation during its journey through the pelvis is called MOL. There are three principles of mechanism of labour: a) Descent takes place throughout labour, b) Whichever part leads and first meets the pelvic floor will rotate forward until it comes under symphysis pubis, c) Whatever part emerges from the pelvis will pivot around pubic bone. Principle Movements:

- Engagement: It is when the fetal head enters into the pelvic inlet. The head is engaged when the biparietal diameter descends into the pelvic inlet, and the occiput is at the level of the ischial spines in the mother's pelvis. In primigravida it occurs before onset of the labour but in multipara it usually occurs in late first stage of labour.
- Descent : Throughout labour process descent takes place. Factors helping descent are: Uterine contraction & retraction, Bearing down efforts, Straightening of fetus after rupture of membranes
- Flexion: As the fetus descends down, it meets with the pelvic floor resistance. This resistance causes a flexion in the fetus head so that the chin meets the chest.
- Internal rotation of head: Due to further descent, in occipito lateral position the head rotates 2/8th of a circle anteriorly whereas in occipito anterior position the head rotaes 1/8th of a circle anteriorly, such that the occiput falls right behind the symphysis pubis. Torsion of

neck: this internal rotation of head causes a 1/8th of a circle twist or torsion in the neck of the fetus as just the fetal head rotates anteriorly while the shoulders do not rotate.

- Crowning: After internal rotation, further descent takes place till the sub-occiput falls below the pubic arch. Now the bi-parietal diameter stretches the vulval outlet without any recession of the head even after contraction is over. This is called as crowning.
- Extension: Further descent takes place and the head is delivered by extension.
- Restitution: After extension there is untwisting of the neck taking place. For this the head rotates 1/8th of a circle in a direction opposite to that of internal rotation. So now the occiput points towards the side from where it started.
- Internal rotation of shoulder causing external rotation of head: Internally the shoulders rotate in such a way that the bi-acromial diameter now lies in the anterio-posterior diameter of the pelvis. This internal rotation of shoulder causes further external rotation of the head.
- Lateral flexion: After the shoulders fall in the anterio-posterior diameter of pelvis, further descent takes place & the anterior shoulder 1st escapes below the symphysis pubis & the posterior shoulder sweeps over the perineum. Later the entire body is expelled out in lateral flexion.

**Station 2:** Labour monitoring – Partograph

**Resource person:** Ms. Sapna Patel, Asst. Professor, OBG(N) Dept., MTIN, CHARUSAT.

**Time:** 1.30 to 4.30 pm

The partogram is a record of care, which constitutes a legal document but is also an avenue for identifying accountability in clinical practice. Therefore, accurate, legible and comprehensive entries should be made in accordance with guidelines and in black ink. Such entries should be made contemporaneously and authenticated with a full and legible signature.

Procedure :

Admission & assessment findings plus medical/obstetric history:

- Place the woman's identification label in the top left-hand corner.
- The admission details should be recorded as soon as practicable following arrival.
- Enter all details in the appropriate sections on the front of the partogram.

Date:

- Record the commencement date at the top of the partogram. When the date changes at midnight write the new date above the times.

Time:

- The numbered (0 1 2 3 etc) full vertical lines are hour lines.
- Note the exact time (e.g. 1450) of the first observation that you wish to record (e.g. fetal heart, vaginal examination, etc). Go back to the nearest whole hour – 1400 in this example.
- Fill in the time scale along the top of the partogram: 1400, 1500, 1600 etc (1400 is 0 hour line) and record the observation on the partogram (in this example just to the left of the 1500 line).
- Times must be written along the top of the partogram and may be written along the mid-section of the page.

Maternal assessment:

- Record maternal blood pressure, pulse, temperature, respirations, and other observations (e.g. reflexes, blood sugar levels) on the graph at the top of the partogram.
- Using the measurements down the left side of the graph record:
- Systolic blood pressure with a Λ
- Diastolic blood pressure with a V
- Pulse with a •

Fetal assessment: Record the FHR with a dot as follows:

- The vertical lines are half-hourly so that the quarter-hourly recordings can be made.
- During the second stage of labour the FHR is recorded 5 minutely in the boxes provided (if the fetus is not being continuously monitored). The time is written in the top left and the fetal heart rate is written below.
- Second stage fetal heart rate recordings must also be documented half hourly on the graph as in the first stage.

Amniotic fluid:

- In the box that correlates with the correct time according to the vertical lines record half hourly absence or presence, and colour of fluid as follows: I - membranes intact, C - amniotic fluid is clear, B - amniotic fluid is blood stained, M - amniotic fluid has meconium staining.

Labour assessment: Contractions

- These are recorded graphically below the fetal assessment information. An area of 5 blank vertical squares goes across the width of the graph and record contractions as 'frequency in 10 minutes'.
- Each square represents 1 contraction. Therefore if 2 contractions occur in 10 minutes, 2 squares will be shaded.
- Use the key for shading to demonstrate the strength of contraction.
- Weak and/or 20-40 seconds duration 
- Moderate and 20-40 seconds duration 
- Strong and >40 seconds duration 

Abdominal palpation:

- Record in position abdominal palpation box.
- The cervicograph is that section of the partogram which depicts cervical dilatation and descent of the presenting part in relation to time. Use of the cervicograph enables the progress of labour to be ascertained and delay in to progress readily recognized
- Dilatation: Record X for the cervical dilatation on the appropriate line and at the time the examination is carried out.
- Descent: Descent of the head is measured by abdominal palpation and is expressed in terms of fifths above the pelvic brim. Record O for the level of descent at each vaginal examination

**Station 3:** Episiotomy and suturing

**Resource person:** Prof. Raksha Parmar, Principal, GH Patel School of Nursing, Karamsad, Gujarat.

**Time:** 1.30 to 4.30 pm

It is a surgical incision of the perineum to widen the introitus. It is a surgically planned incision on the perineum and the posterior vaginal wall during second stage of labor.

Benefits includes:

- Prevents perineal tear
- Prevents prolonged and overstretching of the perineum which predisposes to prolapse and stress incontinence.
- Minimising compression of the head which causes intracranial haemorrhage.

- allows for the use of instrumentation, such as the application forceps, during delivery

Maternal Indications:

- Nearly in all primiparas.
- Old perineal scar about to rupture.
- Prolonged second stage due to rigid perineum.
- Prior to most instrumental vaginal delivery as forceps and vacuum.
- Vulval oedema.

Foetal indications:

- Large sized baby.
- Preterm baby.
- Direct occipito-posterior.
- Breech delivery.

Procedure: Anaesthesia: pudendal nerve block, epidural, spinal or general anaesthesia can be used. Timing: when the vulva is distended by the presenting part and at the maximum of a uterine contraction. (crowning)

Types:

- Medio-lateral: The incision extends from the midline of the fourchette mediolaterally at 5 or 7 o'clock towards the direction of the ischial tuberosity.
- Median: A midline incision down to, but not, including the external anal sphincter.
- Lateral: The incision starts from about 1 cm away from the centre of fourchette and extends laterally. Drawback include chance of injury to bartholin duct.
- 'J' shaped: The incision begins in the centre of the fourchette and is directed posteriorly along midline for about 1.5 cm and then directed downwards and outwards along 5 or 7 o'clock position to avoid the anal sphincter. This is also not done widely.

**Station 4:** Third stage management with Controlled Cord Traction

**Resource person:** Prof. Falguni Modi, Principal, AMC MET Nursing College, Ahmedabad, Gujarat.

**Time:** 1.30 to 4.30 pm

The 3rd stage of labour commences with the birth of the baby and ends with the complete expulsion of the placenta and membranes. The 3rd stage usually lasts between 5 to 15 minutes but

any period up to 30mins may be considered within normal limits. Two methods of management of 3rd stage are present:

1. Physiologic ("expectant") management:
   - Informed consent
   - Also known as passive or expectant management
   - Only appropriate if everything else is physiologically 'normal'.
   - Allows placenta and membranes to separate and descend without interference
   - This process can take 20 mins to an hour
   - No prophylactic oxytocics
   - Cord clamped after delivery of placenta
   - No Controlled Cord Traction (CCT)
   - Maternal effort/gravity helps in delivery of placenta.
   - Putting baby to breast assists in release of oxytocin
   - Midwife waits & watches for signs of separation & descent
   - Hands off
   - Mother expels placenta when she feels contraction.
   - If she fails to expel- wait up to 10 mins if there is no PV bleeding .
   - As placenta passes the introitus, it is grasped by the hands & twisted round & round so that the membranes are stripped intact.

2. Active Management:
   - Informed consent
   - Asepsis
   - Oxytocic like Inj. Ergometrine 0.25 mg or methergin 0.2 mg is given IV after birth of anterior shoulder.
   - It acts within 45 seconds & should never be given during 1st and 2nd stages as it can cause imprisonment of shoulder in the birth canal.
   - Cord clamped and cut
   - After delivery of the baby, instant delivery of placenta is expected.

- If placenta is not delivered instantly-then **CCT** is to be applied after cord clamping when uterus is contracted.
- If 1st attempt fails, 2nd attempt is made after 2-3 mins failing which 3rd attempt is made at 10 mins.
- If still fails-manual removal of placenta.
- CCT: Also called Modified Brandt- Andrews method.
- Only done when uterus is hard & contracted.
- Palmar surface of left hand fingers is placed above symphysis pubis.
- The body of uterus is pushed upward & backwards towards the umbilicus.
- While by the right hand steady tension is given in downward & backward direction holding the clamp till the placenta comes outside the introitus.

**Station 5:** Neonatal Resuscitation-First Golden Minute

**Resource person:** Ms. Binal Joshi, Asst. Professor, Pediatric (N) Dept., MTIN, CHARUSAT.

**Time:** 1.30 to 4.30 pm

A) Initial steps

- Provide warmth by placing the baby under a radiant heat source.
- Position head in "sniffing" position to open and clear airway if necessary.
- Dry and stimulate the baby to breathe.
- Evaluate respiration, heart rate and colour. All newborns require initial assessment to determine whether resuscitation is required.

B) Provide positive pressure ventilation with a resuscitation bag and supplemental oxygen

C) Provide chest compressions as you continue assisted ventilation.

D) Administer medications like epinephrine or volume expanders as you continue assisted ventilation and chest compressions.

The ABC's of neonatal resuscitation are the same as those applied to adults.

- Airway (position and clear)
- Breathing (stimulate to breathe)
- Circulation (assess heart rate and colour)

In addition, maintenance of body temperature is important during neonatal resuscitation.

Initial Steps in Resuscitation:-

- If meconium is present and the newborn is not vigorous, suction the baby's trachea before proceeding with any other steps. If newborn is vigorous, suction the mouth and nose only, and proceed with resuscitation as required.
- "Vigorous" is defined as a newborn who has strong respiratory efforts, good muscle tone, and a heart rate greater than 100 beats per minute.
- Open the airway by positioning the newborn in a "sniffing" (extension of neck, with the help of shoulder roll ) position.
- Appropriate form of tactile stimulation are slapping or flicking the soles of the feet and gently rubbing the back. Continued use of tactile stimulation in an apneic newborn wastes valuable time. For persistent apnea, begin positive-pressure ventilation promptly. Free flow oxygen is indicated for central cyanosis. Acceptable methods for administering free-flow oxygen are Oxygen mask held firmly over the baby's face, Mask from the flow-inflating bag or T-piece resuscitator held closely over the baby's mouth and nose or Oxygen tubing cupped closely over the baby's mouth and nose.
- Free-flow oxygen cannot be given reliably by a mask attached to a self-inflating bag.
- Determine a newborn's heart rate by counting how many beats are in 6 seconds, then multiply by 10. For example, if you count 8 beats in 6 seconds, announce the baby's heart rate as 80 beats per minute.

Temperature Control:

- Very low birth weight babies are likely to become hypothermic despite the use of traditional techniques for decreasing heat loss like drying, warming pads, increasing environmental temperature and covering with blankets.
- It is recommended that additional warming be used like covering the baby in plastic food grade heat resistant wrapping and placing under a radiant warmer. Temperature must be monitored due to the slight but known risk of hyperthermia.
- Infants born to febrile mothers have an increased incidence of perinatal respiratory depression, neonatal seizures, and cerebral palsy. Hence hyperthermia should be avoided.

## VALEDICTORY SESSION:

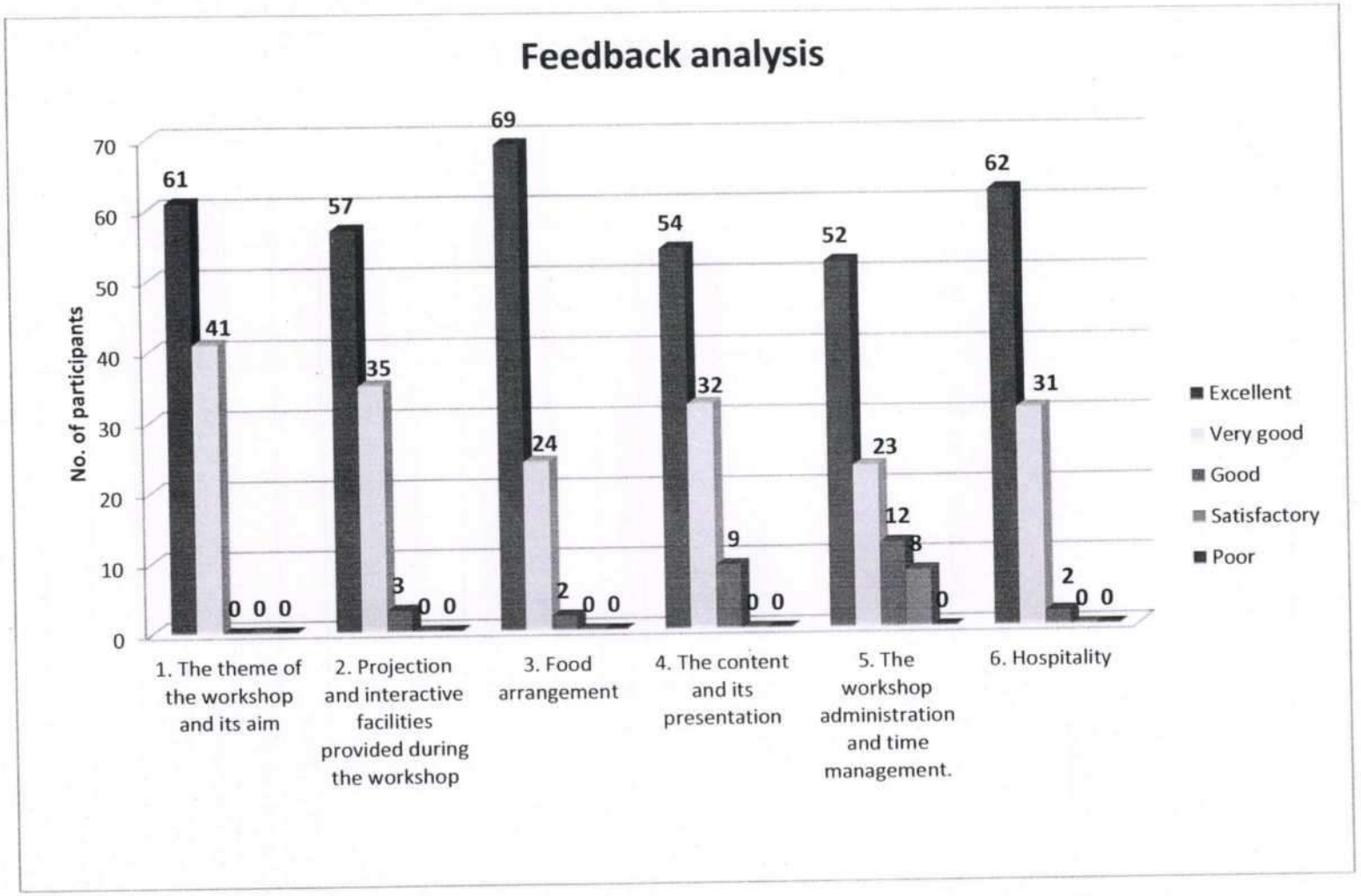
At the end of the all the skill stations session, verbal as well as written feedbacks were taken from the participants of the workshop. All appreciated the sessions, hospitality and time management of the workshop and hoped for organizing such more events in future. Certificates were distributed to the participants following which Ms. Anjali Tiwari, organizing secretary proposed the vote of thanks.

## FEEDBACK ANALYSIS REPORT

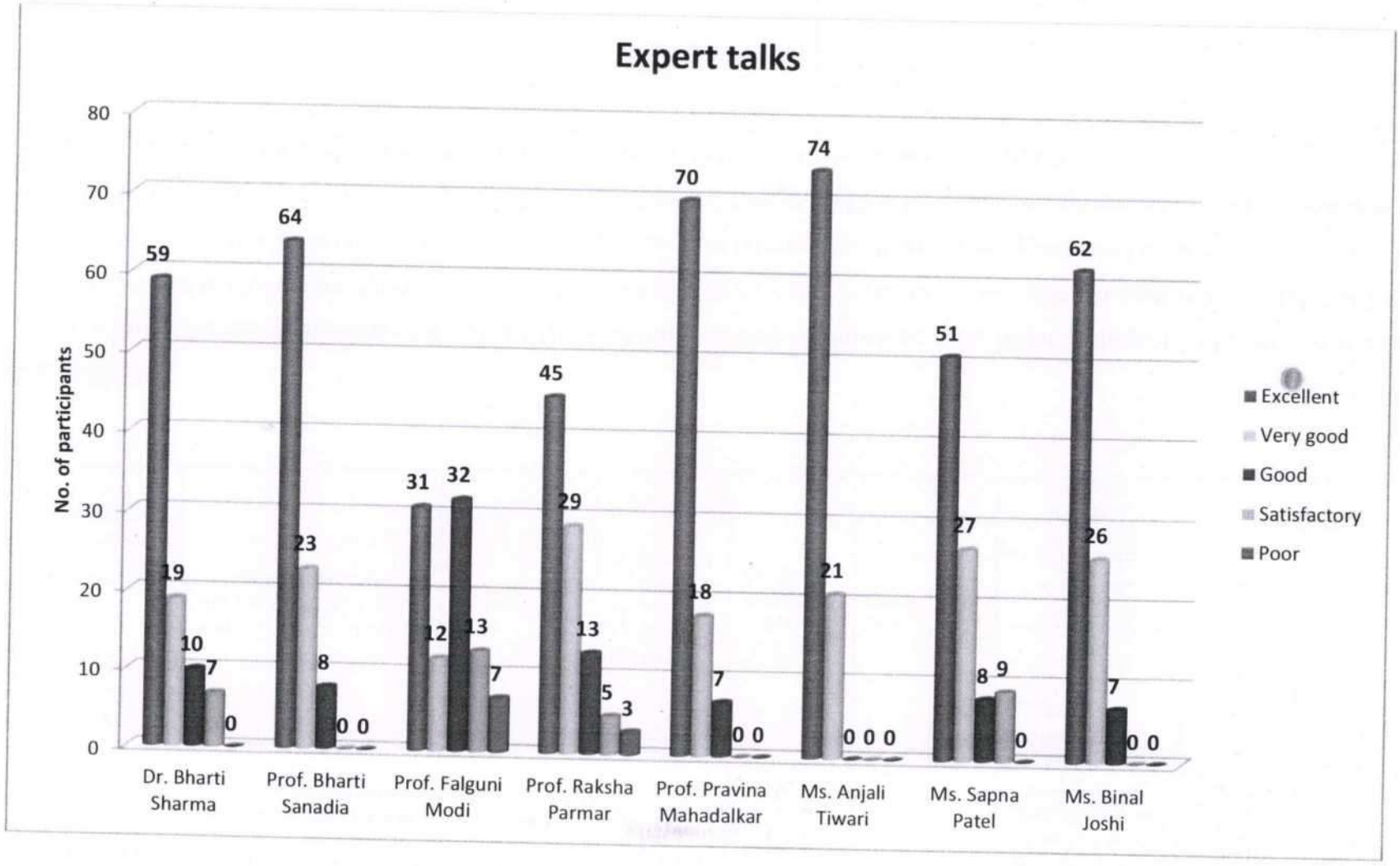
A total of 104 delegates participated in the workshop from 15 various nursing institutes/hospitals. We received written feedback from 95 participants. Following aspects were asked in the feedback form and their analysis:

**N=95**

| Workshop content and organization | Excellent | Very good | Good | Satisfactory | Poor |
|---|---|---|---|---|---|
| 1. The theme of the workshop and its aim | 61 | 41 | 00 | 00 | 00 |
| 2. Projection and interactive facilities provided during the workshop | 57 | 35 | 03 | 00 | 00 |
| 3. Food arrangement | 69 | 24 | 02 | 00 | 00 |
| 4. The content and its presentation | 54 | 32 | 09 | 00 | 00 |
| 5. The workshop administration and time management. | 52 | 23 | 12 | 08 | 00 |
| 6. Hospitality | 62 | 31 | 02 | 00 | 00 |
| 7. Expert talks: | | | | | |
| • Speaker 1: Dr. Bharti Sharma | 59 | 19 | 10 | 07 | 00 |
| • Speaker 2: Prof. Bharti Sanadia | 64 | 23 | 08 | 00 | 00 |
| • Speaker 3: Prof. Falguni Modi | 31 | 12 | 32 | 13 | 07 |
| • Speaker 4: Prof. Raksha Parmar | 45 | 29 | 13 | 05 | 03 |
| • Speaker 5: Prof. Pravina Mahadalkar | 70 | 18 | 07 | 00 | 00 |
| • Speaker 6: Ms. Anjali Tiwari | 74 | 21 | 00 | 00 | 00 |
| • Speaker 7: Ms. Sapna Patel | 51 | 27 | 08 | 09 | 00 |
| • Speaker 8: Ms. Binal Joshi | 62 | 26 | 07 | 00 | 00 |




**Graph no.1: Column graph showing response of participants to items 1 to 6 of feedback form**




**Graph no.2: Cylinder graph showing response of participants to expert talks delivered**

**FINANCIAL SUPPORT RECEIVED:**

| Name of teacher | PAN No. | Event Type (Seminars/ conference/ workshops/ Orientation Program/ Refresher Course/ Faculty Development Programs/ Short Term Course/extension activity etc.) | Event level (Institute/ University/ State/ National/ International) | Event title | Event organizing body | Date - From | Date - To | Type of participation (Delegate/ Paper Presenter/ Resource Person/ Session Chair/ Judge/ member of organizing committee etc.) | Financial support received from CHARUSAT (INR) | Financial support received from other agencies/bodies | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Name of agency / body | Amount (INR) |
| Ms. Anjali Tiwari | AIKPT4136E | workshop on "", at MTIN Auditorium, CHARUSAT on 28th May, 2019 | national | Strengthening Midwifery Practice for positive motherhood | MTIN & SOMI GUJARAT CHAPTER | 28.05.2019 | 28.05.2019 | Organizing secretary | 27737/- | nil | nil |
| Ms. Sapna Patel | BRNPP4936R | | | | | | | Member of organizing committee | | | |
| Ms. Jalpa Prajapati | CTLPP1659L | | | | | | | Member of organizing committee | | | |
| Ms. Angelina Makwana | CWHPM6649G | | | | | | | Member of organizing committee | | | |

**CONCLUSION:**

Manikaka Topawala Institute of Nursing, CHARUSAT and Society of Midwives, India Gujarat Chapter had jointly organized a one day national workshop on "Strengthening Midwifery Practice for positive motherhood", at MTIN Auditorium, CHARUSAT on 28th May, 2019. The workshop was a grand success and was very informative. It was well appreciated by all the participants as well as the resource persons. We sincerely thank Dr. Anil Sharma, Principal, MTIN for giving us this opportunity and encouraging and supporting us to organize this workshop. We also thank CHARUSAT for their constant support.

Glimpse of the event:



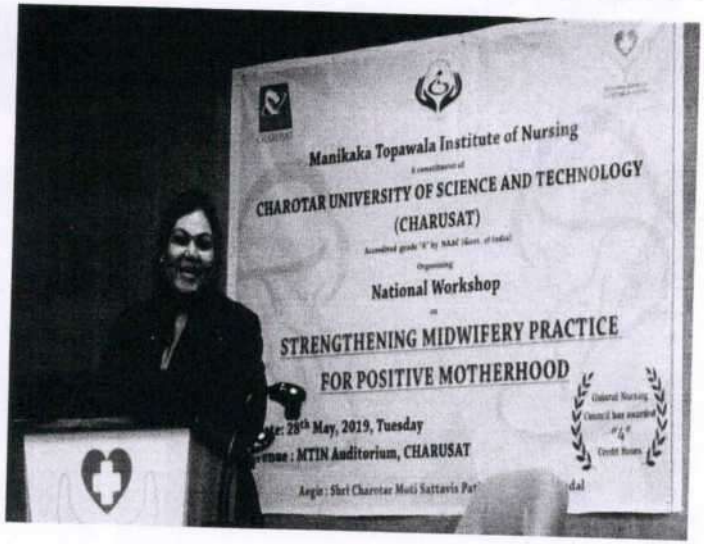



















# Manikaka Topawala Institute of Nursing
# Workshop on "Strengthening Midwifery Practice and Positive Motherhood"
## Date: 28TH MAY 2019
## Venue: MTIN Auditorium




**Welcome speech by the Organizer**



**Welcoming the Resources person**



**The Organizing committee**



## Hands on Training

To

26.03.2019

The Registrar

Charusat University

Changa

Subject: Proposal for organizing Basic Life Support workshop (BLS) workshop for CIPS students and staffs

Respected sir

We would like to arrange BLS training workshop for our students and staffs as BLS is under our student's curriculum and they should be exposed and learn this training as a part of paramedical profession. We with Manikaka Topiwala Institute of Nursing (MTIN) are planning this workshop since few of their staffs are trained in BLS and required training kit is available with the institute and for that we have received positive approval from the institute. Workshop will be of two days from 29th and 30th of April 2019 with 65 participants and we are sure that this will be helpful for our students. Kindly do the needful.

Thanking you

Dr. Darshan H Patel

Principal

Charotar Institute of Paramedical Sciences (CIPS)

Charusat University

Changa

# BLS workshop report

Department of medical Imaging Technology, Charotar Institute of paramedical science (CIPS), organized two days Basic Life Support (BLS) workshop with Manikaka Topawala Institute of Nursing (MTIN) on 29th and 30th april 2019 for the students of CIPS. More than 100 students participated in this workshop and learnt Basic life Support techniques. The two days workshop was coordinated by Mrs. Dolly Sharma, Assistant professor, Dept. of medical Imaging Technology, CIPS and Mr. Anil Patidar, Assistant professor from MTIN, CHARUSAT.

Training during the workshop was given Mr. Anil Patidar and Mr. Divya jain who are trained faculties from the Manikaka Topawala Institute of Nursing (MTIN). On first day the workshop involved Introduction of basic life support & Anatomy and physiology of Heart and 1 rescuer Adult B.L.S training and on second day students were trained in 2 rescurer Adult B.L.S training, AED and bag mask devices with skill test. Students were benefited & learnt Basic Life support Techniques.

During the workshop participants were awarded with participation certificate. We appreciate the efforts of Staffs and participants in successfully completing this workshop.

# BLS Workshop

Date – 29 and 30th of April 2019



Staff Practising Cardiopulmonary Resuscitation



Staff training students for One Rescuer Adult CPR



Student practising hands on CPR



Students learning stabilisation of patient

| SR. NO. | ROLL NO. | STUDENT'S NAME |
|---|---|---|
| **1** | 16BMIT001 | BEDEKAR KENVI GAURANG |
| **2** | 16BMIT002 | DESAI AESHA PRAKASHBHAI |
| **3** | 16BMIT003 | GOHIL HEMAXEE PRAFULBHAI |
| **4** | 16BMIT004 | PANDYA HIRENKUMAR KALPESHBHAI |
| **5** | 16BMIT005 | PATEL DEVANSHI BRIJESH |
| **6** | 16BMIT006 | PATEL DEVANSHEEBEN PANKAJKUMAR |
| **7** | 16BMIT007 | PATEL DHRUVKUMAR ALPESHKUMAR |
| **8** | 16BMIT008 | PATEL DIPALBEN RAJENDRAKUMAR |
| **9** | 16BMIT009 | PATEL DRASHTI RAKESHBHAI |
| **10** | 16BMIT010 | PATEL HANIBEN RAJESHKUMAR |
| **11** | 16BMIT011 | PATEL JAIMINKUMAR HASMUKHBHAI |
| **12** | 16BMIT012 | PATEL JANVI KALPESHBHAI |
| **13** | 16BMIT013 | PATEL JAY RUPESHKUMAR |
| **14** | 16BMIT014 | PATEL JINA SANJAYKUMAR |
| **15** | 16BMIT015 | PATEL JINALBEN JAGDISHBHAI |
| **16** | 16BMIT016 | PATEL KRISHNA SAILESHBHAI |
| **17** | 16BMIT017 | PATEL KRISHNABEN GHANSHYAMBHAI |
| **18** | 16BMIT018 | PATEL MANSI AMISHBHAI |
| **19** | 16BMIT019 | PATEL MANSI KETANKUMAR |
| **20** | 16BMIT020 | PATEL MUKTI HEMANTKUMAR |
| **21** | 16BMIT021 | PATEL NIDHIBEN SAILESHBHAI |
| **22** | 16BMIT023 | PATEL NIKITA BHUPENDRAKUMAR |
| **23** | 16BMIT024 | PATEL NIRALIBEN BHAVESHKUMAR |
| **24** | 16BMIT025 | PATEL PRATVI TUSHARBHAI |
| **25** | 16BMIT027 | PATEL RAHI SITANSHUBHAI |
| **26** | 16BMIT028 | PATEL RIKISHABEN KALPESHBHAI |
| **27** | 16BMIT029 | PATEL VAIBHAVIBEN ARVINDBHAI |
| **28** | 16BMIT030 | RANA MAITRI JAYENDRAKUMAR |
| **29** | 16BMIT031 | VAGHASIYA MEELI MUKESHBHAI |
| **30** | 16BMIT032 | PATEL KHYATIBEN SURENDRAKUMAR |
| **31** | 16BMIT033 | PATEL SHREENIBEN MITESHKUMAR |

| | | |
|---|---|---|
| **32** | 16BOTAT001 | BHANDERI HELLY SHAILESHBHAI |
| **33** | 16BOTAT002 | PATEL JAY BIPINBHAI |
| **34** | 16BOTAT003 | PATEL KARTIKKUMAR DILIPBHAI |
| **35** | 16BOTAT004 | PATEL KEVALKUMAR VINUBHAI |
| **36** | 16BOTAT005 | PATEL PRACHIBEN RAJESHBHAI |
| **37** | 16BOTAT006 | PATEL RAHULKUMAR BHARATBHAI |
| **38** | 16BOTAT007 | PATEL RIYA MINESHKUMAR |
| **39** | 16BOTAT008 | PATEL ZALAK BIPINBHAI |
| **40** | 16BOTAT009 | TRIVEDI MEET YOGESHKUMAR |
| **41** | 16BOTAT010 | VOHRA SHIFABEN ARIFMOHAMMAD |
| **42** | 16BOP001 | DHROLWALA AAKIB MOHAMMADASIF |
| **43** | 16BOP002 | KACHHIYA AESHABEN BHAVINKUMAR |
| **44** | 16BOP003 | MESHIYA MITALIBEN VINUBHAI |
| **45** | 16BOP004 | PANCHAL RICHA BHARATKUMAR |
| **46** | 16BOP006 | PARMAR CHIRAG CHATURBHAI |
| **47** | 16BOP007 | PARMAR KEYAURKUMAR KANUBHAI |
| **48** | 16BOP008 | PARMAR MITESHKUMAR MAGANBHAI |
| **49** | 16BOP009 | PATEL HARSHIDABEN MAHENDRABHAI |
| **50** | 16BOP010 | PATEL KRISHNABEN KALPESHBHAI |
| **51** | 16BOP011 | PATEL KRUNALKUMAR ASHOKBHAI |
| **52** | 16BOP012 | PATEL RUCHI HITENDRABHAI |

| | | |
|---|---|---|
| **53** | 16BOP013 | PRAJAPATI JAGDISHKUMAR MANILAL |
| **54** | 16BOP014 | VALA NIRAV HIMATBHAI |
| **55** | 16BOP015 | VANKAR ANANDKUMAR VEERABHAI |
| **56** | 16BOP016 | ZALA VISHAL DEVJIBHAI |
| 57 | 18BSMT002 | PAREKH PRACHI BHARATKUMAR |
| 58 | 18BSMT003 | PATEL AYUSHI AJAYBHAI |
| 59 | 18BSMT004 | PATEL CHANDNI HITESHKUMAR |
| 60 | 18BSMT005 | PATEL HELLY MANOJKUMAR |
| 61 | 18BSMT006 | PATEL JAHANVI PRAKASHBHAI |
| 62 | 18BSMT008 | PATEL MAAHI AMITKUMAR |
| 63 | 18BSMT009 | PATEL NANDNIBEN NITINKUMAR |
| 64 | 18BSMT010 | PATEL PRINCYBEN RAJENDRAKUMAR |
| 65 | 18BSMT011 | PATEL RIDDHI DINESHBHAI |
| 66 | 18BSMT012 | PATEL RISHIL SHILPANBHAI |
| 67 | 18BSMT013 | PATEL RIYABEN PIYUSHBHAI |
| 68 | 18BSMT016 | PATEL VAIBHAVI MAHENDRAKUMAR |
| 69 | 18BSMT017 | PATEL VEDANTIBEN PRAKASHBHAI |
| 70 | 18BSMT018 | PATEL VRAJ SANJAYBHAI |
| 71 | 18BSMT019 | SHAH HIMISA MILANKUMAR |

# Report of

## GUJCOST SPONSORED WORKSHOP On

## "Mobile Application Development using Cross Platform Application Development Frameworks"

***Organized by***

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa

## March 14– 15, 2019

**Convener:-**
Dr. Atul Patel, Dean & Professor, CMPICA, CHARUSAT, Changa

**Coordinator:-**
Mr. Nilay Ganatra, CMPICA, CHARUSAT, Changa

**Expert Faculties:-**
Mr. Dipen Hansavala, Sr. Software Engineer, Helios Solutions, Baroda
Mr. Ganesh Khedkar, Team Lead, Helios Solutions, Baroda

**Brief Details of Workshop: -**

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa had organized a two days GUJCOST Sponsored Workshop on "Mobile Application Development using Cross Platform Application Development Frameworks". Total 32 participants from the various institutes had enrolled for the workshop. The workshop mainly consists hands on training on the various latest cross platform mobile application development frameworks.

The aim of the workshop is to make students aware about the recent industry trend in mobile application development through a series of session delivered by various developers working on the technical field through live hands on training.

The Inaugural session of the workshop was started at 9:30 AM on March 14, 2019 at CMPICA building. During this session, participants were made aware about the aim and objectives of the workshop. Also, the detailed schedule of the workshop is made available to them.

The workshop was started with the session of Mr. Dipen Hansavala, Sr. Software Engineer, Helios, Baroda on March 14, 2019. He explained needs of cross platform mobile application development and various technologies support such mobile application development. Moreover, he explained configuration of Xamarin Framework on MAC operating system and demonstrated various basic application.

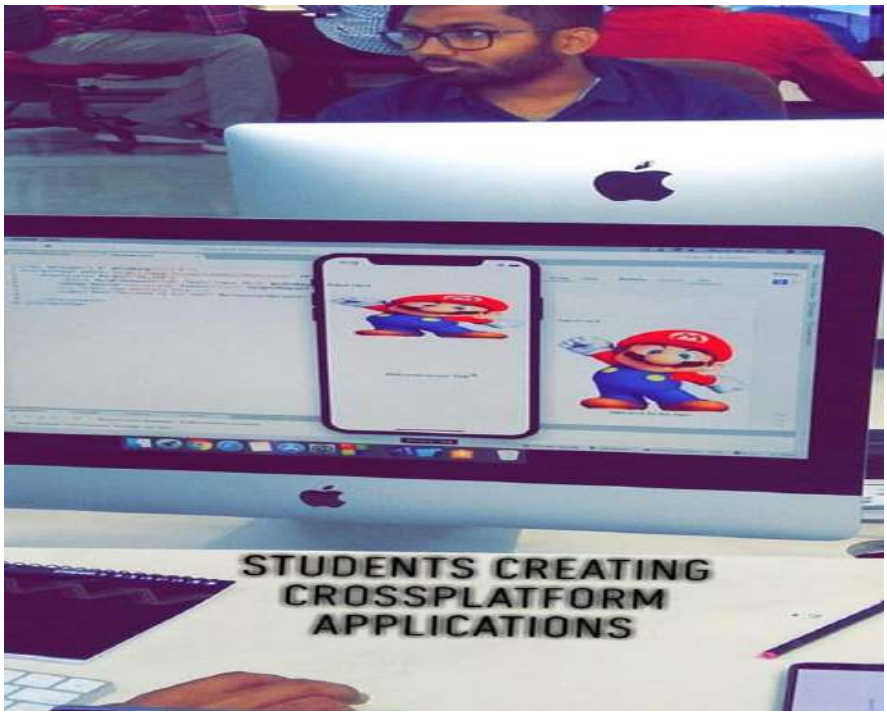
During the second session he explained how to design Graphical User Interface for mobile devices and covered various layouts available for the same. Also, he demonstrated MVVM architecture database connectivity with hands on experience on MAC computers.



Xamarin hands on session in Apple Lab



Students Performing hands on exercises



Application demonstrated during the session

On the second day i.e. 15th March 2019, the first session was delivered by Mr. Ganesh Khedkar, Team Lead (IOS Development), Helios Solutions, Baroda. He started session with introduction of the Flutter framework. Then, he explained the Flutter configuration in the Android Studio and basic syntax of the Dart programming language.

During the second session he explained activity navigation and application designing with the Flutter. He has delivered various small projects with hand on experience to the participants. Then he explained various industry standards practices required for mobile application development. Moreover, he explained how to publish application on various online application stores depending on the mobile application platform.


The Flutter cross platform mobile application development framework introduction session



Application demonstration with hands on practice

## Feedback Analysis

**What did you most appreciate about the program? Any suggestion for improvement?**

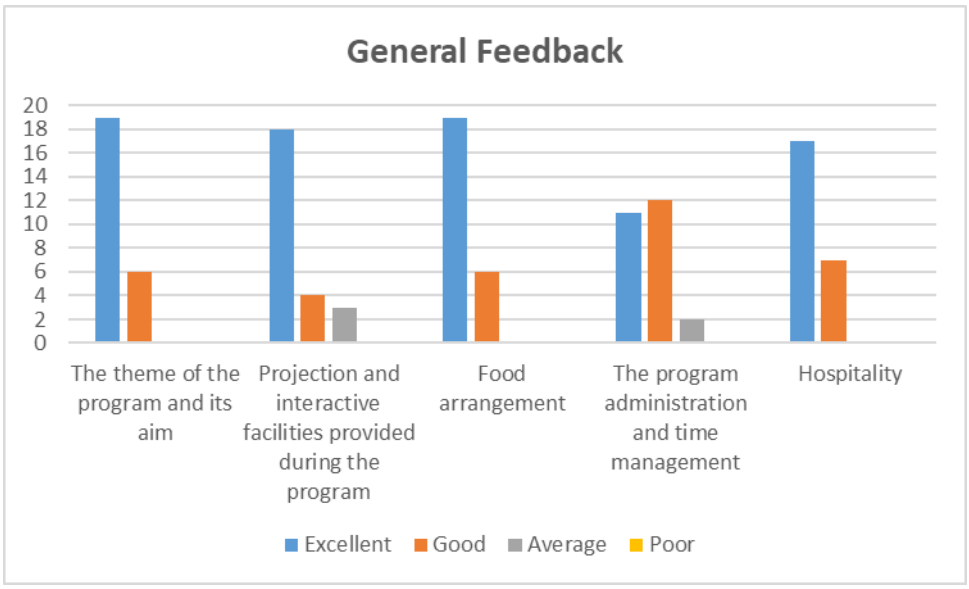
- Workshop should be 4 days longer for detail descriptions of new technologies
- Valuable knowledge about cross platform programming.
- A new way of learning
- Expert's are really well about their domain field.
- Concept is very nice.
- All the information given was very helpful

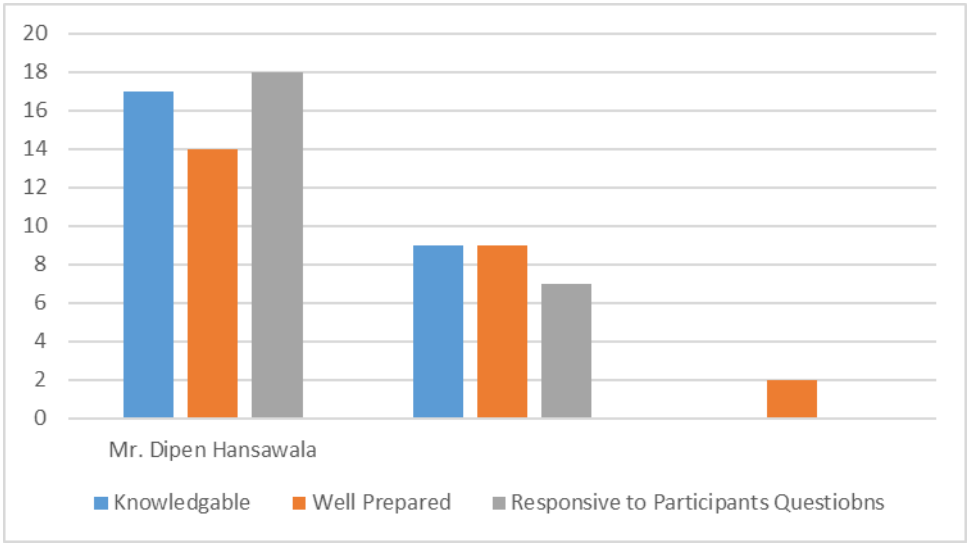
**What is/are take away(s) from the program?**

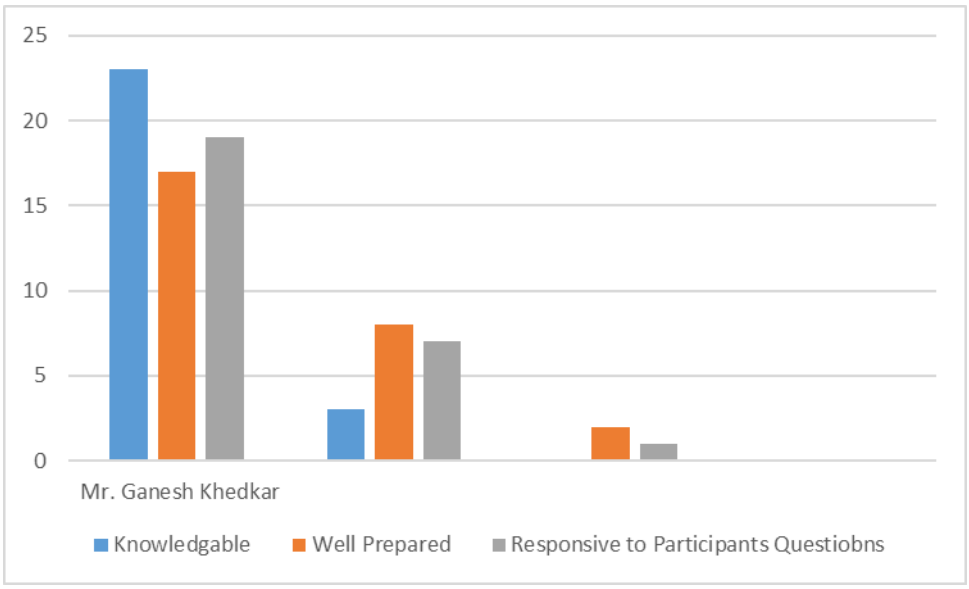
- Mobile application development startup
- Cross platform framework knowledge
- Guidance on installation of framework

**Suggestions for further improvement.**

- Only one framework in detail should be covered


General Feedback
20
18
16
14
12
10
8
6
4
2
0
The theme of the program and its aim
Projection and interactive facilities provided during the program
Food arrangement
The program administration and time management
Hospitality
Excellent
Good
Average
Poor


20
18
16
14
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0
Mr. Dipen Hansawala
Knowledgable
Well Prepared
Responsive to Participants Questiobns


25
20
15
10
5
0
Mr. Ganesh Khedkar
Knowledgable
Well Prepared
Responsive to Participants Questiobns