

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Criteria 6

Metric	Average	numb	er c	of	professiona	l develop	ment	t /
633		ative	traini	ng	programs	organized	by	the
01010	institute							

# **Supporting Document**

Brochure, report, list of participants and photos with date and caption for each program organized (Year: 2015-16)

-					
Sr. No	Year	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	2015-16	24-07-2015 to 25-07-2015	Two day workshop on "CAD Software Basics and Applications"	55	4-10
2	2015-16	12-10-2015 to 12-10-2015	One Day workshop on Basic tools in Microsoft Word	23	11-13
3	2015-16	24-07-2015	Report on the Expert Lecture On Reinforced Earthwork Wall for Highways	147	14
4	2015-16	24-09-2015 to 26-09-2015	Research Issues and challenges in Next Generation Networks(NGN) NetSim: Insights and Innovations	26	15-19
5	2015-16	26-02-2016 to 27-02-2016	Big Data analytics with Hadoop and its Ecosystem	26	20-24
6	2015-16	30-10-2015 to 31-10-2015	Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing	47	25-30
7	2015-16	18-09-2015 to 19-09-2015	GUJCOST sponsored workshop on Recent Trends In Internet of Things	21	31-43
8	2015-16	08-10-2015 to 11-11-2015         Two Week ISTE STTP on Technic           (5 Weeks) and         Communication           30-11-2015 to 05-12-2015         (1 week)		26	44-52
9	2015-16	08-12-2015 to 18-12-2015	Two-Week ISTE STTP on Engineering Physics	26	53-60
10	2015-16	30-10-2015 to 31-10-2015	GUJCOST Sponsored workshop on "Advances in Signal Processing & Communication Technology"	37	61-67
11	2015-16	19-10-2015 to 24-10-2015	Arduino and Mobotics	36	68-74
12	2015-16	24-09-2015 to 26-09-2015	Power system analysis design and simulation	32	75-79
13	2015-16	30-07-2015	Energy conservation awareness	76	80-88
14	2015-16	15-06-2015 to 20-06-2015	Workshop on Scientific Writing	14	89-99
15	2015-16	22-06-2015 to 27-06-2015	Short Term Training Programme (STTP) on Entrepreneurship	14	100-109
16	2015-16	14-09-2015 to 16-09-2015	CHARUSAT Endowment Chair at RPCP	26	110-124
17	2015-16	15-09-2015	National seminar on translational research in pharmaceutical drug	81	125-137

			development		
18	2015-16	05-02-2016 to 06-02-2016	GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)	62	138-151
19	2015-16	25-06-2015 to 26-06-2015	GUJCOST SPONSORED WORKSHOP ON "Current Trends and Developments in Android Mobile Application Platform	44	152-163
20	2015-16	08-06-2015 to 13-06-2015	6-2015 Faculty Development Programme on Management Teaching-Learning, Sectoral Research & Publications and Collaborations		164-170
21	2015-16	04-02-2016	Guest lecture/seminar - Search for Potential Drug Target for Effective Treatment of Cancer	46	171-175
22	2015-16	23-02-2016	Guest lecture/seminar - A play way method to introduce polymer and their waste management	35	176-181
23	2015-16	08-06-2016 to 09-06-2016	S S Bhatnagar Lecture Series-Inaugural Lecture-Tiny machines, Big tasks	107	182-190
24	2015-16	27-07-2015	Expert Talk -Chemistry at the interface with Biology: Some Fascinating aspects.	99	191-197
25	2015-16	21-07-2015 to 22-07-2015	CHARUSAT Endowment Chair Activity - ARIP A Two days workshop on "Leadership in Physiotherapy"	35	198-201
26	2015-16	03-10-2015	Workshop on Ethical Issues in Human Research	35	202-204
27	2015-16	18-12-2015 to 19-12-2015	CHAPCON on physiotherapy in public health	148	205-213
28	2015-16	21-12-2015	CPR workshop	75	214-217
29	2015-16	01-08-2015 to 01-08-2015	BNCRP	12	218-224
30	2015-16	12-09-2015 to 12-09-2015	BNCRP	27	225-230
31	2015-16	26-09-2015 to 26-09-2015	Standard safety precautions	206	231-249
32	2015-16	23-11-2015 to 01-12-2015	Endowment chair activity-3	26	250-261
33	2015-16	02-04-2916 to 02-04-2016	First aid	23	262-273
34	2015-16	23-04-2016 to 23-04-2016	Clinical research for nurses	79	274-287
35	2015-16	25-05-2016 to 27-05-2016	Endowment chair activity-4	89	288-299

## SOCIETY OF CIVIL ENGINEER

Department of Civil Engineering Chandubhai S. Patel Institute of Technology Charusat- Changa 388421 Phone: (+91) 2697 245041 Email: Sce.Civil@Charusat.ac.in

## Two day workshop on "CAD Software Basics and Applications"

Date:24" and 25" July, 2015 Place: Room 212, Electrical Building (tentatively) Three: on 24" : 2.30 to 4:30 pm. On 25"9.30 AM to 4.30 AM

### About the workshop:

Computer-aided drafting (CAD) is the use of computer systems to assist in the creation, modification, analysis, or optimization of a design. CAD software is used to increase the productivity of the designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing. CAD output is often in the form of electronic files for print, machining, or other manufacturing operations.

CAD is an important industrial art extensively used in many applications, including automotive, shipbuilding, and aerospace industries, industrial and architectural design, prosthetics, and many more, CAD is also widely used to produce computer animation for special effects in movies, advertising and technical manuals, often called DCC digital content creation

By looking in to the wide opportunity of CAD applications in wide area of Civil Engineering, Society of Civil Engineering in collaboration with Khodiyar Cad Centre, Vidhyanagar is organizing a two day workshop on "Cad Software: Basics and Application".

Objective of the said workshop is to spread awareness of CAD related software and its future possibilities in civil engineering

#### About Khodiyar CAD Center

Khodiyar CAD center India Pvt. Limited was founded on 8th December 2003, with an aim of Inspire Students Everywhere to imagine Design and Create a Better World.

KCCIPL won India's number one Autodesk Authorized Training Center Award. KCCIPL provides services in terms of Education & Corporate Training, Software Sales and Placement. KCCIPL is an Authorized Training Center, Authorized Reseller, and Authorized Certification Center & Authorized Channel Partner of Autodesk & ANSYS Education Software.

Khodiyar CAD center have been rendering only dedicated and mastered services Training, Software Sales and Placement



#### Autocad:

- 2D Plan
- Detail Drawing
- Elevation
- **Revit Architecture:**
- Wall Creation
- Placing furniture
- Camera, Artificial lighting
- Rendering
- Site Greation (Tree, Human, Vehicles)
- Walkthrough
- Schedule & Quantity
- Massing
- 3Ds Max: Making 3D plan
- Material, Lighting
- Walkthrough
- Animation
- Free form modelling
- Who can participate:

Any member of SCE can participate in the workshop. However number of seats are limited and first 60 candidates registering will be accommodated.

## Registration fee:

Registrations fees fro the workshop is Rs. 20/- (Includingworkshop materials and light Refreshment) + Rs. 100 Seconts depend will be reimbursed after workshop)

#### Fro more information:

Mr. Prakash Dabhi Dr. A. V Thomas Dr. Prabhin Sukumaran

Ms. Varsha Raina

Naisard Dixit

For more information and registration visit the website www.cspitcivil.com , Society of Civit Engineering News and Events page









Resha Bhatia



## Report on Two day workshop on "CAD Software Basics and Applications" 24 and 25 July, 2015

## Introduction

Computer-aided drafting (CAD) is the use of computer systems to assist in the creation. modification, analysis, or optimization of a design. CAD software is used to increase the productivity of the designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing. CAD output is often in the form of electronic files for print, machining, or other manufacturing operations.

CAD is an important industrial art extensively used in many applications, including automotive, shipbuilding, and aerospace industries, industrial and architectural design, prosthetics, and many more. CAD is also widely used to produce computer animation for special effects in movies. advertising and technical manuals, often called DCC digital content creation

By looking in to the wide opportunity of CAD applications in wide area of Civil Engineering. Society of Civil Engineering in collaboration with Khodiyar Cad Centre. Vidhyanagar is organizing a two day workshop on "Cad Software: Basics and Application".

Objective of the said workshop is to spread awareness of CAD related software and its future possibilities in civil engineering.

**Resource person:** 

Experts from Khodiyar CAD Center

Workshop Student co-ordinator:

Resha Bhatia

Dixit Naisarg

## Workshop Faculty co-ordinator:

- Dr. Prabhin Sukumaran
- Mr. Praksh Dabhi
- Ms. Varsha Raina

1 | Cage



## Place: Room no 212 Electrical Building

## Topics for the workshop:

Autocad:	3Ds Max:	
2D Plan Detail Drawing Elevation Revit Architecture: Wall Creation Placing furniture Camera, Artificial lighting Rendering Site Creation (Tree, Human, Vehicles) Walkthrough Schedule & Quantity Massing	Making 3D plan Material, Lighting Walkthrough Animation Free form modelling	

## **Detail Schedule:**

Date	Time	Session	Activity	Remark
24 <sup>th</sup>	11.10	Registration	Collection of Workshop kit	Central
July,	to			Square
2015	12.10			Civil
				Building
$24^{th}$	02.20	Session -1	Topics: 2d (plan)	Room 212
July,	to	1	Line,copy,offest,trim,mirror,move,rotate,etc	Tentatively
2015	04.20		Topic: 3d-(modeling)	
			Extrude, presspull, union, subtract, box, rendering,	
			Sun status, shadows, material, sweep, etc	
25 <sup>th</sup>	09.30	Session -2	Revit Architecture	Room 212
July,	to		Introduction, Wall creation, Placement of door	Tentatively
2015	11.00		window, Floor, Ceiling, Roof, Assign	
			Materials, Placing furniture & Lights, Camera	
			etc	
25 <sup>th</sup>	11.00	Break	High Tea	Central
July,	to			Square
2015	11.30			Electrical
				Building



25 <sup>th</sup> July, 2015	11.30 to 01.00	Session -3	Revit Architecture Site creation (Placing tree, vehicle, human, making swimming pool), Rendering, Massing for multi-storey modeling, Schedule & quantities, Walkthrough etc.	Room 212 Tentatively
25 <sup>th</sup> July, 2015	01.00 to 02.00	Lunch Break	Lunch Break	
25 <sup>th</sup> July, 2015	02.00 to 04.00	Session -4	<b>3Ds Max</b> Introduction, Wall creation (Placing railing, tree), Materials, Renders, Lights, Create fountain & curtain Animation, Placing animated human.	Room 212 Tentatively
25 <sup>th</sup> July, 2015	04.00 to 04.30	Valedictory function	Distribution of certificate	Room 212 Tentatively

## **Registration details:**

Registration fee including Breakfast: Rs. 20/- For SCE Members and Rs 120/- for Non SCE Members

## **List of Participants**

3 | 1 ....



## Accounts details

	Two day workshop "CAD Software Basics and Ap 24 and 25 July, 201	plications"	
Incon	ne Statement		1
Sr. No	Detail	Amount	Remark
1	Entries apart from NON SCE members	2760.00	23 *120
2	Entries from SCE members	3840.00	32*120
2	Total registration fees	6600.00	No 413
Exp	enses		1
Sr. No	Detail	Amount	Remark
1	Workshop kit (folder+pen+notepad)	1620.00	
	Rrintout (schedule + attendence sheet)	36.00	
	Hi tea (biscuits+tea /coffee)	723.00	173+550
-	Lunch (sandwich + coke)	3830.00	3510+320
	5 Financial support for SCE members	3100.00	No 26
-	Total	9309.00	

Fund used from SCE 2709.00

Report Prepared By:

Secretory SCE (Dr. Prabhin Sukumaran)

Account Details By: Treasurer (Ms. Dipali Y Patel)

Endorsed by :

President SCE (Dr. A.V Thomas)

Professor & Head (Civil Engineering) C. S. Patel Institute of Technology Charotar University of Science & Technology Charotar University of Science & Technology CHANGA - 388 421. ANAND (Gujarat)

#### workshop on

# "CAD Software Basics and Applications"

# 24 and 25 July, 2015

ATTENDENCE SHEET 24th July

Sr	Name	College ID	SCC ID	1	J	29 Jul	y .
No	Resha Bhatia		SCE ID	Reg Fee	Security Depo.	Signature	CONTACTA
2.		13CL007		Со	-ordinator		
3	Dixit Naisarg	13CL023		Co	-ordinator		
1-	Jainik Chaudhari	13CL013	SCES284	20	100	Them that	
-	Prince Jaiswal	13CL040	SCES206	20	100	Harris	
5	Purav Desai	13CL019	SCES216	20	100	RDi	
6	Jaivik Babaria	13CL004	SCES266	20	100	Losquita	
2	Sumit Balar	13CL003	SCES249	20	100	Balas	
8	Naria Avadh	13CL056	SCES213	20	100	A.C. Negier.	
2	Gaurang Patel	13CL069	SCES259	20	100	fourt	
10.	Raju Patel	13CL088	SCES273	20	100	Patie	
11	Jay Patel	13CL074	SCES268	20	100	fmont	
12	Keyur Patel	13CL077	SCES290	20	100	Kentes	
12-	Luv Patel	13CL081	SCES289	20	100	7.	
14	Sagar Barot	13CL006	SCES253	20	100	Sagar	
15	Devarshi Patei	D14CL129	-	120	-	Daroth.	
16	Mansi Bhavnani	13CL008	SCES209	20	100	Alst.	
17	Ashvin Solariki	13CL111	SCES224	20	100	AV. Source (	
8/	Drupal Patel	13CL068	SCES214	20	100	AV Soumer'	
9	Akshay Bhavsar	D1CL 151	-	120	-	allist	
2	Pratik Dhameliya	13CL021	SCES255	20	100	17A	
2	Kenil Jasani	13CL039	SCES234	20	100	gel	
2	Harsh Intodia	13CL035	SCES230	20	100	(Cois)	
	Rajvésr Devdhara	13CL010	SCES216	20	100	Harsh Intocty	
4	Naman Parwani	13CL064	SCES281	20	100	R.P.)enel	
	Sarit Chaudhari	13CL011	SCES238	., 20	100	France C	
	Manali Desai	13CL018	SCES280	20		Rhadhat	
	Ishwari Desai	1301017	SCES229	20	100	menat	
	Ankush Goyal	13CL032	SCES246		100	Aspier	
9	Akhilesh Herma	13CL034	SCES231	20	100	Regard	
5	Avinash Parmar	14CL056	5003231	20	100	Samo	
	Vrushank Brambhatt	14CL008		120	-	A-RAChman	
- 1	Manisha Machhi	1401045		120	-	V.M.B.	
	Kinnari Chaudhari			120		MAL	
		14CL010	Page	<b>9</b> 120	-	Beller	

## Two day workshop on

# "CAD Software Basics and Applications"

# 24 and 25 July, 2015

	DEDOOR	Pa	ige 190		A CARGOOD
BhoyE NIKHIN			20	100	Dense
KISHAN PATEL	1301079		20	100	K R Latel
ERIC. KAPADIA	1362043		20	100	Ellandres
Shiv Vekariya	12c1126	- <u>SCE5039</u> -	20	100	00.00
Sanjay solanki	12cl113	SCES043	20	100	Colomki
Chinmay Boghawala	13cl009	SCES241	20	100	()
Fenil Gandhi	13cl027	SCES236	20	100	Zy cert
Parth Koladiya	13CL048	SCES291	20	100	People
Hardik Jain	13CL037	SCES207	20	100	Fifeur
Pooja Patel	14CL075	÷	120		Charles !!
Vrushangi Shah	14CL102	-	120	-	Val
Poojan Patel	14CL076	-	120	-	That
Vaibhav Pranami	14CL087	7.	120	-	(pourour
Upasana Rana	14CL092	-	120	÷	TELE .
Neha Rajput	14CL089	-	120	-	Nes
Akshay Panchal	14CL055	-	120	-	Annared
Rohit Kumar	14CL041	-	120	-	Revis
Rutuvik Kaklotar	14CL033	-	120 -		
Yash Parmar	14CL058	-	120	-	
Abhijit Padhiyar	14CL053	-	120	-	( Concept
Jay Patel	14CL066	-	120	-	
Jaymin Patel	14CL068		120	-	
Jeet Patel	14CL069	-	120	-	Jett
Anant Patel	14CL060	a	120	-	Atwood
Dhruv Patel	14CL063	-	120	-	That!
Rupesh Newapara	14CL052	52	120	-	Sourz .



## Report on One Day workshop on Basic Tools in Microsoft Word

## Introduction

Microsoft office is powerful and user-friendly word processing software widely using around the world. It is essential for any engineer to know the basic operations of word processor for the preparation of report in different stages of the professional life. By looking it in mind, Society of Civil Engineering is organized a one day workshop on Word Processing Software on 12<sup>th</sup> October 2015.

# Workshop resource person: Dr. Prabhin Sukumaran

## Place: M.Tech Computer Lab

## Topics for the workshop:

- 1. How to format your document in simple ways
- 2. How to keep uniformity in the document with heading styles
- 3. How to insert table of content in 3 clicks (with page number and hyper link)
- 4. How to insert list of figures in 3 clicks (with page number and hyper link)
- 5. How to insert list of table in 3 clicks (with page number and hyper link)
- 6. How to number figures, tables and equations with auto numbering
- 7. How to quote Table number/figure number in the text with auto correct
- 8. How to give different style page number for different chapters
- 9. Referencing and reference management software
- 10. Introduction to Endnote: A powerful reference management software.
- 11. How to preserve the format of document, after completing the editing.

## Detail Schedule:

Date	Time	Session	Activity
ŝ	09.30 AM	Inauguratio	
12th October 2015	09.45 to 11.30		How to format your document in simple ways How to keep uniformity in the document with heading styles How to insert table of content in 3 clicks (with page number and hyper link) How to insert list of figures in 3 clicks (with page

1 | Page



11 20 4- 12 00		number and hyper link)		
11.30 to 12.00	High Tea			
12.00 to 01.00 Pm	Hands on Session 2	How to number figures, tables and equations with auto numbering How to quote Table number/figure number in the text with auto correct How to give different style page number for different chapters		
01.00 to 02.00	Lunch Brea	eak		
02.00 to 04.00	Hands on Session 3	How to preserve the format of document, after completing the editing.		
	Distr	ibution of Certificate		

## **Registration details:**

Registration fee including Lunch: Rs. 20/- For SCE Members and Rs. 120/- for Non SCE Members

## List of Participants

Sr.No	Name	Class	SCE ID	Reg. Fee
1.	Mr Prakash Dabhi	Faculty	SCEF13	20
2.	Bandi Shahil M. Siddiq	M.Tech	-	120
3.	Dadu Mo Akib Mahammadsalim	M.Tech	-	120
4.	Desai Dimple Jigneshbhai	M.Tech	-	120
5.	Donga Parimal Dineshbhai	M.Tech	-	120
6.	Italia Yagneshkumar Anandbhai	M.Tech	-	120
7.	Katrodiya Daxeshkumar Ghanshyambhai	M.Tech	-	120
8.	Kikani Ashit Kishorkumar	M.Tech	-	120
9.	Panchal Hardikkumar Sunilbhai	M.Tech	-	120
10.	Parekh Sachi Kamal	M.Tech	-	120
11.	Patel Akshaykumar Sunilbhai	M.Tech		120
12.	Patel Bhavinkumar Vinodbhai	M.Tech	-	120
13.	Patel Bhavya Narendrabhai	M.Tech	-	120
14.	Patel Chintan Prakashchandra	M.Tech	-	120
15.	Patel Hardikkumar Chandrakant	M.Tech	-	120
16.	Patel Jigar Maheshkumar	M.Tech	-	120

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18.	Patel Rajan Deepakkumar Patel Swetank Maheshbhai	M.Tech	-	120
19.	Raghwani Jaideep	M.Tech	-	120
	Rajendrakumar	M.Tech	-	120
20.	Senghani Jugal Sureshbhai			2
21.	Shah Dhairya Chetan	M.Tech	SCES25	20
22.	Trivedi Nora L Man	M.Tech	-	120
23.	Trivedi Nagesh Murlidhar	M.Tech	-	120
	Patel Falguniben Vinodbhai	M.Tech	-	120
			Total	2.560.00

## Accounts details

Sr. No	Details	Rs
Income D	Details	KS
1	Income from Registration	2560.00
Expenses		2500.00
1	Stationary and workshop kit	225.00
2	Lunch	2700.00
3	Transportation (Lunch Delivery)	300.00
4	Tea and refreshment	240.00
	Total	3,465.00
	Fund from SCE	905.00



14<sup>th</sup> August 2015

## <u>Report on the Expert Lecture On Reinforced Earthwork Wall</u> <u>for Highways</u>

Society of Civil Engineering have organized an expert lecture on the topic "Reinforced

Earthwork Wall for Highways", conducted by Shri. S. I Patel, Secretary (Former). Government

of Gujarat on the date of 24th July 2015 at PDPIAS auditorium at 2.30 to 4.30 PM. During the

lecture, Shri. S.I Patel discussed the following topics,

- 1. Methods of Construction of Earthwork Walls on Bridges
- 2. Types of Earthwork Wall
- 3. Techniques applied at the bridge construction site while constructing Earth Wall

During the lecture a TOTAL of 142 student members, Dr A.V. Thomas, H.O.D, Dr H.J.Dalwadi,

Devang Patel, Dipali Patel, Pooja Mistry, Mehul Katakiya and Pinal Patel were present.

#### Account details

Sr No	Details	Amount	
1	Memento	930.00	
2	Frollit flux print	240.00	
3	Bouquet	30.00	
	1	1200.00	

Jone

Report prepared by:

Dr. Prabhin Sukumaran

(Secretary SCE)

Professor & Head (Civil Engineering) C. S. Patel Institute of Technology Charotar University of Science & Technology CHANGA - 388 421, ANAND (Gujarat)

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## **Registration Form**

GUJCOST SPONSORED Workshop On "Research Issues and Challenges in Next Generation Networks (NGN) NetSim: Insights and Innovations" September 24-26, 2015

ът		
N	ame	•
ΤM	anne	•

Designation:

Institute/Organization:

Address: \_\_\_\_\_

City	
UIIV	1

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		Facultie	s	
Industry				
Amount:				
Cheque/Det	mand Dra	lft No:		
Bank and B	ranch:		Date:	
Date:				
Signature o	f Particip		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

Dr. Amit Ganatra, Principal Chandubhai S. Patel Institute of Technology

## **Advisory Committee**

Dr. Amit P. Ganatra, Dean, FTE Mr. Ashok Patel, Advisor, CHARUSAT Dr. S. P. Kosta, Advisor, CHARUSAT Mr. Devang Joshi, Registrar, CHARUSAT Mr. C.A. Patel, Chairman, Advisory Board, CSPIT

## Convener

Prof. Ritesh Patel (M): 09879580096

## Coordinator

Prof. Ditixa Vyas (M):09726947515

## Correspondence

Prof. Ditixa Vyas (M):09726947515 Prof. Chintan Bhatt (M)-9909953994 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 – 265113/14/15/25 Fax: 02697 - 247100 E-mail: <u>ditixavyas.ce@charusat.ac.in</u> <u>chintanbhatt.ce@charusat.ac.in</u> Website: <u>www.charusat.ac.in</u> Chandubhai S. Patel Institute of Technology (A Constituent Institute of CHARUSAT) U & P U. Patel Department of Computer Engineering Organizes GUJCOST SPONSORED WORKSHOP ON

"Research Issues and Challenges in Next Generation Networks (NGN) with NetSim: Insights and Innovations" September 24-26, 2015 In association with:



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 Guiarat Act No. 8 of 2009. Govt. of Guiarat 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

Simulation is a process in which an entire system is made functional in a hypothetical manner by imitating its working using software. Network simulators are used to simulate behavior of network. It has been widely accepted as a proven tool for network simulation in industry, academics as well as in research area. It is an object-oriented, discrete event driven network simulator developed at TETCOS. NetSim is primarily useful for simulating local and wide area networks. It can trace simulation results which resemble those of practical networks. It is very helpful tools for practical oriented Teaching.

#### **Contents of the Seminar**

The course content is designed to familiarize with NetSim and have Hands-on session:

- Introduction and installation of NetSim
- Basic Structure of NetSim
- Link setup, management & Evaluation of Parameters
- Basic topology writing
- Wireless Setup & Simulation
- Evaluation parameters of Wired and Wireless Simulation
- Research Perspective of Simulation & link with current practical environment

#### **Resource Persons**

- Pranav Viswanathan, TETCOS
- Jugal Shah, TETCOS
- Prof. Ritesh Patel, CSPIT, Changa, Gujarat
- Prof. Nishidh Chavada, CSPIT, Changa, Gujarat
- Prof. Ditixa Vyas, CSPIT, Changa, Gujarat
- Prof. Chintan Bhatt, CSPIT, Changa, Guijarat

<b>Registration Fees / Important Dates</b>	
Students (M. Tech. & Ph.D.	500/-
Pursuing)	
Faculties	800/-
Industry & others	1000/

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 **19<sup>th</sup> September**, **2015**. List of selected candidates will be displayed on CHARUSAT website on **21<sup>st</sup> September**, **2015**. Accommodation will be made available on a request.

#### How to reach?



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

## "Research Issues and challenges in Next Generation Networks (NGN) NetSim: Insights and Innovations"

## (24<sup>st</sup> -26<sup>th</sup> September, 2015)

Simulation is a process in which an entire system is made functional in a hypothetical manner by imitating its working using software. Network simulators are used to simulate behavior of network. It has been widely accepted as a proven tool for network simulation in industry, academics as well as in research area. It is an object-oriented, discrete event driven network simulator developed at TETCOS. NetSim is primarily useful for simulating local and wide area networks. It can trace simulation results which resemble those of practical networks. It is very helpful tools for practical oriented Teaching.

Contents covered:

- Basic Structure of NetSim
- Link setup, management & Evaluation of Parameters
- Basic topology writing
- Wireless Setup & Simulation
- Evaluation parameters of Wired and Wireless Simulation
- Research Perspective of Simulation & link with current practical environment

# CHARUSAT

U & P U. Patel Department of Computer Engineering

Organized Three Days Workshop

On

## RESEARCH ISSUES AND CHALLENGES IN NEXT GENERATION NETWORKS

## (NGN) WITH NETSIM: INSIGHTS AND INNOVATIONS

September 24-26, 2015

## Attendance Sheet

Session No: 4

## Date: 25/9/15

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2.	BHOOMI PATEL	hooniperty
3.	BHUMIKA PATEL	Faller B.M.
4.	DARSH A PANDYA	Das
5.	DRASHTI VASHI	Stroffort :
6.	KINJAL V PARMAR	Kirye
<u>7.</u> 8.	BARKHA B MAKWANA	Adre
9.	MONIKA B PATEL	Parelles
10.	NIRALI SHAH	N.D. Shah_
	PARTH A SHUKLA	AAS
11.	POOJA U SOLANKI	P.U. Solemisi
12.	CHANDNI PATEL	C.T. Patel
13.	KARTIK MAHESHWARI	332
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Innovations (Date: 26/0	9/2015)	

## **Registration Form**

A Two Days Workshop On BIG DATA Essential and Hadoop Ecosystem

26<sup>th</sup> - 27<sup>th</sup> Feb, 2016

Name:	
Designation:	
Institute/Organization:	

Address: \_\_\_\_\_

City:	
Mobile: _	
E – Mail:	

I am enclosing the demand draft/cheque in favor of							
"С.	S.	Patel	Institute	of	Technology"	payable	at
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## Fee Details:

Academia 🗌 Student	
Industry/R&D Organizations	
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Chief Patron	

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

## Patron

Dr. Amit P. Ganatra, 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 Mr. Devang Joshi, Registrar, CHARUSAT **Convener** 

Prof. Arpita J Shah (M): 09825551555

## Coordinator

Prof. Mrugendrasinh Rahevar (M): 09925856399 Prof. Jesal Desai (M): 07874654997

## Correspondence

Prof. Mayur Patel : (M) 09978916251 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: mayurpatel.ce@charusat.ac.in Website: <u>www.charusat.ac.in</u>

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

A Three Days Workshop on

**BIG DATA Essential and Hadoop Ecosystem** 

Feb 26<sup>th</sup> - 27<sup>th</sup>, 2016 In association with:



## Student Branch, Changa





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 understand the challenges in architectures to store, and access the big data, perform analytics on Big Data for data intensive applications. This workshop aims at bringing the students, professionals, academics and research scholars together to share their knowledge for achieving focused development and advancement in the field of BIG DATA ANALYSIS. This workshop is to provide knowledge and skills to become a successful Hadooper. Concepts such as Big Data, Hadoop, Hive, NoSOL, and HDFS will be covered in the course. The laboratory sessions include programs focusing on providing participants an opportunity to walk-through and execute some of the programs in hands-on sessions.

#### **Contents of the Workshop**

- Define Big Data.
- Understand Integrated Big Data Solution.
- Describe the Big Data Components.
- Define Cloudera's distribution of Hadoop and its components.
- Acquire raw data using NoSQL Database and HDFS.
- Map Reduce programming
- Organize the collected data using Hive and HBase.

Page 21

- Data analysis using Hive and HBase
- Hazelcast
- Apache Spark

#### **Resource Persons**

Eminent speakers from Industries and Academia.

## **Registration Fees / Important Dates**

Students/Faculties (CSI/IEEE)	750/-
Students/Faculties(Others)	1000/-

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 23 Feb 2016. List of selected candidates will be displayed on CHARUSAT website on Feb 24, 2016.

#### How to reach?



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

## "Big Data Analytics with Hadoop and its Ecosystem" (26<sup>st</sup> -27<sup>th</sup> February, 2016)

The objective of this workshop is to understand the challenges in architectures to store, and access the big data, perform analytics on Big Data for data intensive applications. This workshop aims at bringing the students, professionals, academics and research scholars together to share their knowledge for achieving focused development and advancement in the field of BIG DATA ANALYSIS. This workshop is to provide knowledge and skills to become a successful Hadooper. Concepts such as Big Data, Hadoop, Hive, NoSQL, and HDFS will be covered in the course. The laboratory sessions include programs focusing on providing participants an opportunity to walk-through and execute some of the programs in hands-on sessions.

Contents covered:

- Define Big Data.
- Understand Integrated Big Data Solution.
- Describe the Big Data Components.
- Define Cloudera's distribution of Hadoop and its components.
- Acquire raw data using NoSQL Database and HDFS.
- Map Reduce programming
- Organize the collected data using Hive and HBase.
- Data analysis using Hive and HBase
- Hazelcast
- Apache Spark

## Big Data Essential and Hadoop Ecosystem

## 26-Feb-2016 to 26-Feb-2016

## Participant List

Sr. No.	Participant Name	Student/Faculty
1	ACHARYA HETABEN VIRENDRAKUMAR	Student
2	BARODAWALA NIDHIBAHEN DIPAKKUMAR	Student
3	BHATT YESHA UPENDRABHAI	Student
4	CHAUHAN PRIYANKA BHAGVATSINH	Student
5	DAVE PALAK PRAVINKUMAR	Student
6	Mrugendra R	Faculty
7	JAM KULDIPSINH AJEYSINH	Student
8	KAGDI MEGHABEN CHANDRAKANT	Student
9	MAHETA SHITAL NALINKUMAR	Student
10	Divyesh Patel	Facutly
11	MISTRY AVI ATULKUMAR	Student
12	PADHIYAR ANKITABEN BIRENBHAI	Student
13	PANDYA VIDHIBEN TUSHARKUMAR	Student
14	PARMAR KINJALBEN VIJAYBHAI	Student
15	Arpita Shah	Faculty
16	PATEL JAIMIN VIJAYKUMAR	Student
17	Jesal Desai	Faculty
18	PATEL MIRA KALPESHBHAI	Student
19	Mayur Patel	Faculty
20	PATEL NISHIBEN AMBALAL	Student
21	PATEL SINALBEN VIPULKUMAR	Student
22	SHAH NIRALI DIPANKUMAR	Student
23	SHAH VIRAJ VINAYKUMAR	Student
24	SOLANKI POOJA UDAYSINH	Student
25	SONI DIPABEN CHETANBHAI	Student
26	VADHER KRUPA DHIRAJLAL	Student



Big Data analytics with Hadoop and its ecosystem (Date: 26/02/2016)

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## **Registration Form**

A Two Days Workshop On Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing October 30-31, 2015

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:

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Industry/R&D Organizations	
Amount:	
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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. B. G. Patel, Provost, CHARUSAT Shri. C.A.Patel, Chairman, Advisory Board, CSPIT

## Patron

Dr. A.D.Patel, Principal Chandubhai S. Patel Institute of Technology Advisory Committee Dr. Amit P. Ganatra, Dean, FTE Mr. Ashok Patel, Advisor, CHARUSAT Dr. S. P. Kosta, Advisor, CHARUSAT Mr. Devang Joshi, Registrar, CHARUSAT Mr. Devang Joshi, Registrar, CHARUSAT Dr. Amit P. Ganatra (M): 09426350639 Coordinator Prof. Dhaval Bhoi (M): 09879974807 Prof. Nishidh Chavda (M): 09979073405

## Correspondence

Prof. Nikita Bhatt (M): 09725028431
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: <u>nikitabhatt.ce@charusat.ac.in</u>
Website: <u>www.charusat.ac.in</u>

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

A Two Days Workshop on

Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing

> October 30-31, 2015 In association with:



## Student Branch, Changa



Department of Science & Technology Government of Gujarat



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

#### About the University

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### About the Workshop

Research Methodology & Thesis Writing plays vital role for research work. Current Research Work & Recent tremendous technical advances in processing power, storage capacity, and interconnectivity is creating unprecedented quantities of digital data. Data mining, the science of extracting useful knowledge from such huge data repositories, has emerged as a young and interdisciplinary field in computer science. Data mining techniques have been widely applied to problems in Industry, Science, Engineering and Government, and it is widely believed that data mining will have profound impact on our society. The growing consensus that data mining can bring real value has led to an explosion in demand for novel data mining technologies and for researchers who are trained in data mining, who have an understanding of data mining techniques, can apply them to real-life problems, and are trained for research and development of new data mining methods.

#### **Contents of the Workshop**

The objective of this workshop is to provide an indepth technical foundation to the development and implementation of sound Business intelligence, data mining strategies & Research Methodology. In particular, it will provide participants with the knowledge, tools and resources required to meet the needs of the "Technical Measures" within the organizations knowledge management framework. This workshop is suitable for undergraduates as well as post graduate students, research fellow, academicians, IT professionals, experienced **Page 26**  statistician, business analyst and functional managers. It includes hands-on sessions on the mentioned topics using data mining tools like WEKA, XL-Miner, Tanagra, Data Preparator, originlab, R-GUI, Sipina, Rapid Miner, Orange & Data Warehouse Creation, Processing and Browsing.

#### **Resource Persons**

Dr. Amit Ganatra, CSPIT, CHARUSAT, Changa Dr. Kartik Pandya, CSPIT, CHARUSAT, Changa, Dr. Hiren Mewada, CSPIT, CHARUSAT, Changa Mr.Kunal Trivedi, Konark Solutions Bangalore

#### **Registration Fees / Important Dates**

Students/Faculties (CSI/IEEE)	500/-
Students/Faculties(Others)	600/-

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 October 17, 2015. List of selected candidates will be displayed on CHARUSAT website on October 21, 2015.

#### How to reach?



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

"Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing"

## (30<sup>th</sup>-31<sup>st</sup> October, 2015)

Research Methodology & Thesis Writing plays vital role for research work. Current Research Work & Recent tremendous technical advances in processing power, storage capacity, and interconnectivity is creating unprecedented quantities of digital data. Data mining, the science of extracting useful knowledge from such huge data repositories, has emerged as a young and interdisciplinary field in computer science. Data mining techniques have been widely applied to problems in Industry, Science, Engineering and Government, and it is widely believed that data mining will have profound impact on our society. The growing consensus that data mining can bring real value has led to an explosion in demand for novel data mining technologies and for researchers who are trained in data mining, who have an understanding of data mining techniques, can apply them to real-life problems, and are trained for research and development of new data mining methods.

#### CHARUSAT

## C.S.P.I.T. U & P U. Patel Department of Computer Engineering GUJCOST Sponsored Workshop

## On

## "Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing" (October 30-31, 2015)

Sr. No	Name	Faculty/Student		
1.	MinalKumar Patel Assistant			
2.	Arwa Vohra	student		
3.	3. vanita rameshchandra patni PG stud			
4.	ISHITA JAYENDRASINH RANA	PG STUDENT		
5.	Kavisha Patel	PG student		
6.	CHAUHAN JINAL SURESHCHANDRA	PG STUDENT		
7.	Ray Krishna	PG student		
8.	NAIK HARIN CHETANBHAI	PG STUDENT		
9.	Utsav Champanery	Student		
10.	Tamanna	pg student		
11.	patel devyani girishkumar	ME-IT student		
12.	JAYRAJ B. MAKWANA	TECHNICIAN		
13.Patel Sejal BakorbhaiN		M.E(I.T) STUDENT		
14.	Patel Divya Pravinchandra	M.E(CSE)Student		
15.	Kshitij Trivedi	Research Scholar		
16.	· · · · · · · · · · · · · · · · · · ·			
17.	Dr Smruti Bakul Bulsari	Assistant Professor		
18.	Vaishali Patel	Lecturer		
19.	Bhrantav Vora	Lecturer		
20.	Nirav Bhatt	Asst. Prof		
21.	Bimal Patel	Asst. Prof		
22.	Purvi Prajapati	Asst. Prof		
23.	Mrugendra Rahevar	Asst. Prof		
24.	Martin Parmar	Asst. Prof		
25.	Amrin Shaikh	Asst. Prof		
26.	Pritesh Prajapati	Asst. Prof		
27.	Rabadiya Kinjalben Jayantibhai	Asst. Prof		
28	Barodawala Nidhibahen Dipakkumar	Asst. Prof		
29	Soni Dipaben Chetanbhai	Asst. Prof		
30	Patel Sinalben Vipulkumar	Asst. Prof		
31	Shelat Netri Bharatkumar	Asst. Prof		
32	Dave Palak Pravinkumar	Asst. Prof		
33	Patel Monikaben Bharatbhai	Asst. Prof		
34	Patel Jaimin Vijaykumar	Asst. Prof		
35	Bhatt Yesha Upendrabhai	Asst. Prof		
36	36 Mistry Avi Atulkumar Asst. Pro			
37	Shah Viraj <b>Vias</b> 9kanar	Asst. Prof		

Participant List

38	Padhiyar Ankitaben Birenbhai Asst. Prof	
39	Kagdi Meghaben Chandrakant Asst. Prof	
40	Hirapara Shwetaben Batukbhai Asst. Prof	
41	Patel Gangotriben Rajeshbhai Asst. Prof	
42	Patel Krishnakumari Natvarlal Asst. Prof	
43	43 Makwana Barkha Bhupendrabhai Asst. Pro	
44	Soni Kajol Bhavikkumar Asst. Prof	
45	Pandya Vidhiben Tusharkumar Asst. Prof	
46	46 Bhimani Purvi Bharatbhai Asst. Prof	
47 Chauhan Bhumi Lateshkumar Asst. Pro		Asst. Prof

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Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing (Date: 30/10/2015)

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Future Trends and Opportunities In Data Analytics, Bu	usiness Intelligence & Big Data along with		

Research Methodology and Thesis Writing (Date: 31/10/2015)





#### Registration Form

GUJCOST SPONSERED Two Day Workshop On Recent Trends in Internet of Things (10Ts)-

18,19 September 2015

#### Name: \_\_\_\_

Designation: \_\_\_\_\_\_ Institute/Organization: \_\_\_\_\_\_

## Address:

3 3 (AP)

- City: \_\_\_\_\_ Mobile:

#### E - Mail:

I am enclosing the demand draft/cheque in favor of "C. S. Patel Institute of Technology- Changa" payable at Anand as registration fees. Fee Details: Academia/Industry/R&D Organizations Student Amount:

#### 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. B. G. Patel, Provost, CHARUSAT Shri, C.A.Patel, Chairman, Advisory Board, CSPIT Patron Dr. Ashwin D Patel, Principal

Chandubhai S. Patel Institute of Technology

#### Advisory Committee

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

#### Convener Prof. Parth D Shah (M): 09925020358

Coordinator Amit J Nayak (M): 09925307605

Co-Coordinator Chandni Shah (M): 09824660719

#### Correspondence

Prof Chandni Shah Assistant Professor Department of Information technology 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: amitnayak.it@charusat.ac.in chandnishah.it@charusat.ac.in Website: www.charusat.ac.in

#### Chandubhai S. Patel

Institute of Technology (A Constituent Institute of CHARUSAT) Department of Information Technology & GUJCOST Gandhinagar Organizes A <u>TWO DAY</u> WORKSHOP

On Recent Trends in Internet of Things (IOTs)

## SEPTEMBER 17, 18 2015



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





# A Report On Two days Workshop on **"Recent Trends in Internet of Things"**

Security issues in internet of thing-software perspective

# September 18-19 2015





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

Department of Information Technology & GUJCOST Gandhinagar

> Organizes A WORKSHOP On

# **Recent Trends in Internet of Things**

SEPTEMBER 18, 19 2015



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





# 1 Workshop Purpose

The Internet of Things (IoT) is the network of physical objects or "things" embedded with electronics, software, sensors and connectivity to enable it to achieve greater value and service by exchanging data with the manufacturer, operator and/or other connected devices. Each thing is uniquely identifiable through its embedded computing system but is able to interoperate within the existing Internet infrastructure.

Internet of Things is emerged as latest trend in research scholars, field practitioners and the industry personal. To work with the Internet of Things specific setup is required. It is also observed that research scholars related with this emerging field are facing problems regarding how to setup and how go through with advance security methodologies and tools available for that. Topics to be covered during the session clear the research scope and possibilities in IOTs security – Software Perspective.

## **Objectives:**

On completion of the workshop, participants will be able to apply tools, security architecture model for IOTs and related technology to:

- 1. To make use of the concepts of Internet of Things.
- To understand the need of Asymmetric and Symmetric Cryptography Internet of Things.





- 3. To make use of IOTs Security models.
- 4. To interact with the experts relevant of the field.
- 5. To participate actively and using the tools with proper understanding.
- 6. To make use of tools for IOTs.
- 7. To make them aware about research issues associated with the Internet of Things security perspective.
- 8. To make them aware about security concern, scope and research direction about IOTs security.

# Resource Person List

Sr. No.	Name of Expert	Affiliation
1.	Dr. Sanjay Srivastav	DA-IICT Gandhinagar
2.	Dr. Devesh Jinvala	SVNIT – Surat
3.	Prof. Jignesh Patolalia	CHARUSAT





# 2. Workshop at a Glance

IT department CSPIT has organized GUJCOST sponsored workshop on "Recent Trends of Things" 18-19 September 2015. In Internet on Prof. Amit Nayak Coordinator of the workshop and Parth.D.Shah convener of the workshop welcomes the experts with the bookey of flowers. Total 22 participants have participated in the workshop. Internet of Things is an emerging field and it plays vital role in the Government of India's dream project Smart City Smart Village. / Expert talk was delivered by Dr.Sanjay Srivastav from Dhirubhai Ambani Institute of Information Communication Technology and Dr. Devesh Jinvala from SVNIT Surat. Practical lab sessions were conducted by Jignesh Patolia and his team.

Prof. Chandani Shah has delivered vote of thanks.




Inauguration & Workshop Photographs



Inauguration of the workshop







#### Recent Trends in Internet of Things\_1



Recent Trends in Internet of Things\_2







Recent Trends in Internet of Things\_2



Recent Trends in Internet of Things\_3





## 4. Workshop Schedule

#### WORKSHOP SCHEDULE – Recent Trends in Internet of Things (18-19 September 2015)

	DAY -1 18/09/2015		
9:00 AM to 9:10 AM	Registration & Kit Distribution at 311 M Tech IT Lab in		
	CE/IT Building II CSPIT CHARUSAT		
9:10 AM to 9:30 AM	Tea & Breakfast at 311 M Tech IT Lab in CE/IT Building		
	CSPIT CHARUSAT		
9:30 AM to 11:30 AM	Dr. Sanjay Shrivastava, DA-IICT Talk on "An Overview of IoT		
	Research @DAIICT"		
11:30 AM to 01:00 PM	"Arduino GPIO programming & Proteus Simulation		
	IoT using Intel Gallio board" By Prof. Jignesh Patolia EC		
	Department, CSPIT, CHARUSAT		
1:00 PM to 2.00 PM	Lunch Break (Lunch @ Girls Hostel Mesh)		
2.00 PM to 3.00 PM	Sensor Interfacing & Simulation ESP8266 WIFI module By		
	Prof. Jignesh Patolia EC Department, CSPIT, CHARUSAT		
3:00 PM to 3:15 PM	Tea Break (Tea at 311 M Tech IT Lab in CE/IT Building		
	CSPIT CHARUSAT)		
3:15 PM to 4:20 PM	Sensor Interfacing & Simulation ESP8266 WIFI module By		
	Prof. Jignesh Patolia EC Department, CSPIT, CHARUSAT		
	DAY -2 19/09/2015		
9:00 AM to 9:30 AM	Tea & Breakfast at 311 M Tech IT Lab in CE/IT Building		
	CSPIT CHARUSAT		
9:30 AM to 11:30 AM	Dr. Devesh Jinvala, SVNIT talk on "Security Issues in IoT"		
11:30 AM to 1:00 PM	Raspberry Pi GPIO programming By Prof. Jignesh Patolia		
	EC Department CSPIT CHARUSAT		
1:00 PM to 2:00 PM	Lunch Break (Lunch @ Girls Hostel Mesh)		
2.00 PM to 3.00 PM	MQTT protocol & Node-red & Demonstration of DS1820		
	temperature sensor with raspberry Pi By Prof. Jignesh		
	Patolia EC Department CSPIT CHARUSAT		
3:00 PM to 3:15 PM	Tea Break(Tea at 311 M Tech IT Lab in CE/IT Building		
	CSPIT CHARUSAT)		
3:15 PM to 4:20 PM	IoT using NodeMCU board & Development of ANROID		
	application for home automation By Prof. Jignesh Patolia EC		
	Department CSPIT CHARUSAT		





## **Certificate Sample**







# Fund Approval letter

Dr. Narottam Sahoo Advisor and Member Secretary	
No. GUJCOST/Sem-Sym 922/2014-15/ 26 13	31 <sup>st</sup> March, 2015
Prof. Parth Shah HOD of Information Technology, Chandubhai S Patel Institute of Technology, Charotar University of Science and Technolo Changa- 388421	
Sub: Proposal for Financial Assistance title (IOTs) Software Perspective"	ed "Security Issues in Internet of Things
Respected Sir,	
Warm Greetings from Gujarat Council on Gandhinagar.	
It is our pleasure to inform you that your "Security Issues in Internet of Things (IO August, 2015 has been considered for the fi	inancial support.
GUJCOST is in principle approved an a rupees only) for this programme. The same completion of the programme and on rec Certificate, list of participants, statement of photographs, press notes, etc. with ne programme coordinator and Head of the inst	amount of Rs.30,000/- (Thirty thousand ctioned amount will be released after the weipt of the programme report, Utilization f income & expenditure copy of vouchers, ecessary stamp and signature of the stitute.
The logos of DST, GUJCOST and Gatishee	el Gujarat are being sent to your on mail.
Thanking you and with best regards.	
	Yours sincerely,
*	AL
	(Narottam Sahoo)
	,





## **List of Participant**

Event Name:- Recent Trends in Internet of Things Date:- 18-19<sup>th</sup> Sept-2015 Total:- 21

Sr.	Name
No	
1	Patel Hiam
2 3 4 5 6	HimaniThakkar
3	Vajir srushti
4	Kinjal Ajudiya
5	Joshi Megha
6	Ravi Patel
7	Himanshi Acharya
8	Mayur Vegad
9	Ravi Patel
10	Patel Hardikkumar
11	Shivam Rana
12	Kajol Soni
13	Makwana Sanjay
14	Patel Gangotri
15	Sindur Patel
16	Priya Bhatt
17	Radhika Patel
18	Neil Joshi
19	Pratik lalwani
20	Divyang Solanki
21	Ritika Jani







Sandip Patel <sandippatel.it@charusat.ac.in>

#### Announcement of Two Week ISTE STTP on Technical Communication

#### Amit Thakkar <amitthakkar.it@charusat.ac.in>

Fri, Sep 11, 2015 at 9:35 AM To: Sanket Suthar <sanketsuthar.it@charusat.ac.in>, Ayesha Shaikh <ayeshashaikh.it@charusat.ac.in>, Parth Shah <parthshah.ce@charusat.ac.in> Bcc: it@charusat.ac.in

#### Dear Sir/ Madam.

We are very pleased to announce our Twentieth Two-week ISTE Short Term Training Programme (STTP) on "Technical Communication" from 08th October to 05th December 2015. It is being conducted by IIT Bombay under the National Mission on Education through ICT (MHRD, GoI) in collaboration with the Indian Society of Technical Education (ISTE).

This STTP is unique in the sense that it targets all teachers who face these questions in their interaction with students: 1.Do you feel the quality of project reports or thesis submitted by students leaves a lot to be desired?

2. Do you see that your students are able to defend their work among peers, but are unable to express it well in an interview or to a general audience?

3.Do you think your students must carry out even small projects with a rigour expected of a scientific approach?

4.Do you observe your students have scant or no regard to ethics of technical or workplace communication?

5 Do you teach a "Communication skills" course for STEM disciplines, and felt the lack of good resources?

If you answered 'Yes' to any of the above questions, and you wish to try and change that situation for good, then this course may be for you.

#### \*\*About the STTTP on Technical Communication:\*\*

The trained faculty can potentially use contents from this course for (i) teaching Undergraduate/Postgraduate (UG/PG) courses in Technical Communication, Scientific Communication or equivalent and (ii) training project students to communicate their research or development work to various audience. On successful completion of this program they will be able to organise, comprehend, write, and present, short and long forms of any technical work in the framework of the Scientific Method. They will also be able to communicate this content within the widely accepted current norms. In this process, they will gain relevant examples in their own domain of knowledge, and be able to use those, along with the general illustrations given here, to train students in the craft of technical communication.

#### Who is eligible?

\* Any faculty member from Science, Technology, Engineering, Mathematics (STEM) departments or from Humanities, Social Sciences, and Management disciplines (who conduct communications courses for STEM students)

- \* Science teachers teaching PG courses equivalent to M.Sc level or UG courses in engineering (BE/BTech).
- \* Faculty from polytechnic institutes

\* Teachers registered in a Masters or a Ph.D program, during their employment as a teacher in one of the above categories.

The STTP on Technical Communication will be conducted in the blended-MOOC format. It will consist of the following parts: 1. Online Component: IITBombayX (MOOCs) and Moodle (8 Oct to 11 Nov 2015): 5 Weeks

Registered participants will listen to online video lectures and complete assessments in IITBombayX and Moodle platforms. They will be evaluated by giving grades for this portion. The online platform has a provision for conducting a discussion forum for clarifying doubts with IIT Bombay faculty.





2.Face-to-face workshop (30 Nov to 05 Dec 2015) : 6 Days

Participants will assemble in a registered local college that is authorised to be a Remote Center for IIT Bombay's Technical Communication STTP. Sessions will be conducted by IIT Bombay faculty from IIT Bombay via the internet. The schedule of the workshop is 9:30 am to 4:30 pm Mondayto Saturday. Participants will be able to interact live through this audio-video link with IIT Bombay faculty. Participants will work individually and in groups to carry out tutorial exercises in various aspects of communication, with live feedback from IIT Bombay and the local Course Coordinators.

Please note that all the activities of this STTP will be done exclusively at the 119 coordinating remote centers, across the country.

#### \*\*Course Fee:\*\*

This STTP is conducted in a self finance mode for the remote centers. Teachers who wish to register, need to pay Rs.

https://mail.google.com/mail/u/1?ik=12dc255651&view=pt&search=all&permmsgid=msg-f%3A1511988188602371719&simpl=msg-f%3A15119881886... 1/

5/17/2021 Charotar University of Science & Technology Mail - Announcement of Two Week ISTE STTP on Technical Communication

1000/- as a participation fees to the IITB authorised remote center where they wish to attend the face-to-face component. For food and stay, the participant will have to bear extra charges as per the rates advertised by the center. This is optional for the participants, only if they are wish to avail the facility. The participation fee of Rs. 1000 is mandatory and non refundable.. There is no separate fee for the online component

The details of the STTP and the online enrollment form are available at: http://www.it.iitb.ac.in/nmeict/

Those wishing to attend this STTP should enroll online, please go through the Annexure available at http://www.it.iitb.ac.in/ nmeict/pdfs/TC\_Annexure.pdf for detailed description of the registration procedure. Enrollment will be strictly online and no other mode of applications will be entertained. Please go through the brochure of the STTP available at http://goo.gl/FXJ9wV. While registering, you may select your choice of remote center (where you wish to attend the STTP) from our assigned remote centers, which is near to your institute.

\*\*Last date for enrollment is 30th September, 2015. \*\*

With Regards,





# A Report On Two Week STTP on "Technical Communication"

**Under IIT Bombay MHRD** 

# **30 Nov to 5 Dec 2015**

# Two Week ISTE Short Term Training Programme (STTP)

on

## **Technical Communication for STEM faculty**

Under the

National Mission on Education through ICT (MHRD, Govt. of India)

One-week equivalent of work to be completed online, during 08<sup>th</sup> October to 11<sup>th</sup> November 2015

Physical participation at Remote centers during 30<sup>th</sup> November to 05<sup>th</sup> December 2015

**Conducted by IIT Bombay** 



Course Coordinator

**Prof. P Sunthar** Department of Chemical Engineering

Project Coordinator

**Prof. D. B. Phatak** Department of Computer Science and Engineering

Indian Institute of Technology Bombay Mumbai - 400076

## Short Term Training Programme on Technical Communication

This Short Term Training Program (STTP) on Technical Communication, is being conducted by IIT Bombay under the National Mission on Education through ICT (MHRD, Gol) in collaboration with the Indian Society of Technical Education (ISTE), for enhancing teaching skills of faculty of engineering colleges. It is meant to train faculty from all departments of Science, Technology, Engineering, Mathematics (STEM), and Humanities . The trained potentially use contents from this course for faculty can (i) teaching Undergraduate/Postgraduate (UG/PG) courses in Technical Communication, Scientific Communication or equivalent and (ii) training project students to communicate their research or development work to various audience. On successful completion of this program they will be able to organise, comprehend, write, and present, short and long forms of any technical work in the framework of the Scientific Method. They will also be able to communicate this content within the widely accepted current norms. In this process, they will gain relevant examples in their own domain of knowledge, and be able to use those, along with the general illustrations given here, to train students in the craft of technical communication.

## Who Should/Can Attend ?

- 1. Do you feel the quality of project reports or thesis submitted by students leaves a lot to be desired ?
- 2. Do you see that your students are able to defend their work among peers, but are unable to express it well in an interview or to a general audience ?
- 3. Do you think your students must carry out even small projects with a rigour expected of a scientific approach ?
- 4. Do you observe your students have scant or no regard to ethics of technical or workplace communication ?
- 5. Do you teach a "Communication skills" course for STEM disciplines, and felt the lack of good resources ?

If you answered 'Yes' to any of the above questions, and you wish to try and change that situation for good, then this course may be for you.

#### Who is eligible?

- Any faculty member from STEM departments, or from Humanities, Social Sciences, and Management disciplines (who conduct communications courses for STEM students).
- Science teachers teaching PG courses equivalent to M.Sc level or UG courses in engineering (BE/BTech).
- Faculty from polytechnic institutes
- Teachers registered in a Masters or a Ph.D program, during their employment as a teacher in one of the above categories.

#### Who is not eligible?

- Teachers of B.Sc, B.A, BBA, or equivalent, and students/research scholars are welcome to listen to the lectures and participate in the workshop tutorials, subject to availability of seats, but are not eligible to get a certificate from ISTE.
- Teachers who are not employed in any college at the time of the STTP, are not eligible.

## Background to the T10kT Short Term Training Programmes

In 2009, IIT Bombay started conducting Teacher Training Programmes to engage 1,000 teachers at a time, in subject specific training STTPs of two weeks duration. In 2013 the

project was scaled further, to train up to 10,000 teachers (T10KT) simultaneously, using 353 specially equipped centers at colleges across India. These remote centers are connected to IIT Bombay e-studio (which has facilities to conduct high quality live audio-video sessions,) using the A-VIEW software, developed by Amrita University. The main advantage for the participating teachers is that they are able to get a high quality training near to their place of work or stay, which is particularly appreciated by teachers who have significant family commitments that prohibit outstation travel for long periods.

To further enhance the learning experience, some STTPs are now being offered in an onlinecum-face-to-face blended mode. The participants first undergo a learning through video lectures and online interactive assessments through IIT Bombay's MOOCs (Massive Open Online Courses) platform called as IITBombayX, which is in partnership with edX. A paper on this blended model is available at <u>http://www.it.iitb.ac.in/nmeict/pdfs/MOOCs.pdf</u>. This will also train teachers for adopting the use of MOOCs in general.

When the participants attend the face-to-face component of the STTP, after the online learning, they are already half prepared with the content. This makes the workshop tutorials more effective; this is equivalent to a **flipped-classroom approach**. Since part of the content is already available online, the teachers can later use that material to teach their students in a similar flipped-classroom method, where the students listen to the lectures online, and attend their class to carry out tutorial assignments. **IITBombayX is free for anyone to register and to participate in the courses.** 

## STTP format

The STTP on Technical Communication will be conducted in the blended-MOOC format. It will consist of the following parts:

- Online Component: IITBombayX (MOOCs) and Moodle (8 Oct to 11 Nov 2015) : 5 Weeks: Registered participants will listen to online video lectures and complete assessments in IITBombayX and Moodle platforms. They will be evaluated by giving grades for this portion. The online platform has a provision for conducting a discussion forum for clarifying doubts with IIT Bombay faculty.
- 2. Face-to-face workshop Nov 6 (30 to 5 Dec 2015): Davs Participants will assemble in a local college that is authorised to be a Remote Center for IIT Bombay's Technical Communication STTP. Sessions will be conducted by IIT Bombay faculty from IIT Bombay via the internet. Participants will be able to interact live through this audio-video link with IIT Bombay faculty. Participants will work individually and in groups to carry out tutorial exercises in various aspects of communication, with live feedback from IIT Bombay and the local Course Coordinators.
- **3. Post workshop assignment:** Participants will need to submit online assignments after the completion of the face-to-face workshop. This will again be a graded evaluation.

#### Duration and Venue

The online component will be spread across 5 weeks and can be done by the participants at their own convenient venue.

The face-to-face component will be conducted at the Remote Centers and will consist of 6 days.

1. Online Component: 8 Oct to 11 Nov 2015 (5 weeks):

A set of lectures and assignments will be posted every week. The effort expected from the participants is about 7 to 8 hours per week. The online component can be attempted at any time of the day from any computer with Internet access. About 2 to

3 hours in this weekly work will be carried out offline, and submitted online.

#### 2. Face-to-face workshop: 30 Nov to 5 Dec 2015 (6 days):

The schedule of the workshop is 9:30 am to 4:30 pm Monday to Saturday (approx 6 hours per day excluding lunch break). The participants must be present in the center they have registered.

#### ISTE Certification Criteria

ISTE will provide the STTP completion certificate only for eligible faculty (read 'Who can attend?')

- Additionally, the certificate will be issued only to participants who get a minimum grade equivalent to 40% in every assignment posted during the online component and post-workshop.
- It is also essential that the participants **attend all the days** of the face-to-face workshop.

## **Course Contents**

Scientific method and its relationship to technical communication; Listening and note taking; Reading skills and summarising; Writing skills: methods, organisation, summary; Presentation skills: slide content, non-verbal; Interview and Group Discussion skills; Ethics; Gender and cultural issues; Internet communication.

While this course will be conducted in English, what it will **not** specifically address is training to improve English or Technical English language skills. But what will be covered is universal, and can be applied to any language one is comfortable with.

## **Teaching Faculty**

The following faculty from various departments of IIT Bombay have several years teaching experience in Technical Communication course in IIT Bombay's curriculum.

- Prof. P Sunthar (Coordinator), Chemical Engineering
- Prof. M P Gururajan, Metallurgical Engineering and Materials Science
- Prof. Leena Jha, Sailesh J Mehta School of Management
- Prof. Ambarish Kunwar, Bio-sciences and Bioengineering
- Prof. Sahana Murthy, Education Technology
- Prof. Ashish Pandey, Sailesh J Mehta School of Management
- Prof. Prita Pant, Metallurgical Engineering and Materials Science
- Prof. D Parthasarathy, Humanities and Social Sciences
- Prof. Sachin Patwardhan, Chemical Engineering
- Prof. Virendra Sethi, Environmental Science and Engineering

## **Open Courseware**

Live recording of the course and other created contents will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution at a cost, to any individual/institution. All participants are required to sign an authorisation for such release of contents contributed by them during and after the STTP. Recognition and citation will given to all contributors.

## Course Fee

This STTP is conducted in a self finance mode for the remote centers. Teachers who wish to register, need to pay Rs. 1000/- as participation fees to the IITB authorised remote center where they wish to attend the face-to-face component. For food and stay, the participant will have to bear extra charges as per the rates advertised by the center. Availing of the facilities

Version 15/9/29 01:00

related to food and accommodation is optional for the participant.

The participation fee of Rs. 1000 is mandatory and non refundable There is no separate fee for the online component.

## Accommodation and other support

Remote centers may provide tea/lunch on each day of the STTP, and accommodation, wherever available, for outstation participants. All the facilities related to food and accommodation are chargeable and the charges may vary from place to place. This cost is not included in the course fee. The costs chargeable for food and accommodation at a center, are available in the online registration form; please make sure that you check the rates before you apply for a center. Availing of the facilities related to food and accommodation is optional for the participant.

## How to Apply

Those wishing to attend this course should first register online at http://www.it.iitb.ac.in/nmeict

Enrollment will be strictly online, and no other mode of application will be entertained.

#### Mandatory requirement

It is mandatory that while registering for the STTP, the participants should submit a scanned copy of a letter from the Principal/Head of the Institute. Format of this letter is available on the registration website. Registration without this letter will not be confirmed.

The online form contains a list of remote centers. From this list, please select a center close to your institute, where you wish to attend the STTP. The last date for enrollment, and for submission of permission letter is 05<sup>th</sup> October 2015. A list of selected participants will be put up on this website on 06<sup>th</sup> October 2015. The selected participants will also be informed by an automated email. After the initial registration is approved by IIT Bombay, the applicants must visit the remote center to pay the course fee to complete the registration process. For detailed information please read the Annexure <a href="http://www.it.iitb.ac.in/nmeict/pdfs/TC\_Annexure.pdf">http://www.it.iitb.ac.in/nmeict/pdfs/TC\_Annexure.pdf</a>

#### Important Dates

- Last date for online registration: 05<sup>th</sup> October 2015
- Last date for payment of course fee at remote center: 05<sup>th</sup> October 2015
- Final approval of participation from IIT Bombay: 06<sup>th</sup> Oct 2015
- Online course period: 8 Oct to 11 Nov 2015
- Face-to-face workshop: 30 Nov to 5 Dec 2015

## Address for Communication:

## Dr. Mukta Atrey

Sr. Project Manager, Department of CSE, Kanwal Rekhi Building, Indian Institute of Technology Bombay, Mumbai - 400 076 Tel.: +91-22-2576 4989 Fax: +91-22-2572 0022 Email: eoutreach@it.iitb.ac.in





#### **List of Participant**

Event Name:- Technical Communication Date:- 30 Nov-5<sup>th</sup> Dec-2015 Total:- 26

Sr.	Name	
No		
1	Amit Nayak	
1 2 3 4 5 6	Bimal Patel	
3	Chandni shah	
4	Harsh Patel	
5	Hemant Yadav	
6	Jalpesh Vash	
7 8	Jalpesh Purohit	
8	Krunal shah	
9	Mihir P Shah	
10	Mrudang Pandya	
11	Nehal Patel	
12	Nirav bhavshar	
13	Nirav bhatt	
14	Parth shah	
15	Sandip Patel	
16	Sandket Suthar	
17	Pinal shah	
18	Ravi Patel	
19	Ravindra Vyas	
20	Rajesh M joshi	
21	Sharmistha Sondh	
22	Sheetal Shah	
23	Dr.Vimal Gandhi	
24	Vinay Thummar	
25	Vishwa Vala	
26	Vimal L Vachhani	





**National Mission on Education through ICT** MHRD, Government of India Sponsored

Workshop on

# **ENGINEERING PHYSICS**

08-18 December, 2015 at

**Charotar University of Science and Technology** (CHARUSAT) **Remote Centre ID: 1322** 

Name:	
Designation:	
Institute/Organization:	
Address:	
City:	
Mobile:	
E – Mail:	
Signature of Participant	Seal and Sigr
	Head of
	opartmont/Inst

nature Department/ Institution

## **Chief Patron**

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

## Patron

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

## **Advisory Committee**

Dr. Amit P. Ganatra, Dean, Faculty of Technology Dr. S. P. Kosta, Advisor, CHARUSAT Shri Ashok Patel, Advisor, CHARUSAT Shri Devang Joshi, Registrar, CHARUSAT

#### Convener

Dr. Trushit Upadhyaya, CSPIT, CHARUSAT

## **Remote Centre Coordinator**

Prof. Ayesha Shaikh, CSPIT, CHARUSAT

## Coordinator

Prof. Upesh Patel (M): 09913759877

## Correspondence

Prof. Upesh Patel

V. T. Patel Department of Electronics and Communication Engineering, CSPIT, Charotar University of Science and Technology Changa - 388421, Dist: Anand, Gujarat

Contact Details: upeshpatel.ec@charusat.ac.in Mobile : +91 9913759877 Website: www.charusat.ac.in

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

**Chandubhai S Patel Institute of Technology** 

**V. T. Patel Department of Electronics** and Communication Engineering organizes

# WORKSHOP ON **ENGINEERING PHYSICS**

# **08-18 December, 2015**

## **Resource Persons**

**Prof. Shiva Prasad** Department of Physics, IIT Bombay

**Prof. Dipan K Ghosh** Department of Physics, IIT Bombay

## **Course Modules**

- Relativity  $\geq$
- **Ouantum Mechanics**
- Electromagnetic Theory  $\geq$
- Optics  $\geq$
- Elements of Solid State Physics
- Magnetism  $\geq$
- Superconductivity  $\geq$



Upesh Patel <upeshpatel.ec@charusat.ac.in>

# Announcement of Two-Week ISTE STTP on Engineering Physics from 08 to 18 December, 2015

2 messages

**Upesh Patel** <upeshpatel.ec@charusat.ac.in> To: CSPIT <cspit@charusat.ac.in>, PDPIAS <pdpias@charusat.ac.in> Thu, Oct 15, 2015 at 3:29 PM

Announcement of Two-Week ISTE STTP on Engineering Physics from 08 to 18 December, 2015

#### Dear Sir/ Madam,

We are very pleased to announce our Twenty First Two-Week ISTE Short Term Training Programme (STTP) on "Engineering Physics" from 08th to 18th December, 2015. It is conducted under the National Mission on Education through ICT, MHRD, Govt. of India.

The duration of the STTP is 2 weeks (10 working days). It commences on Tuesday, 08th December, 2015 at 9:30 hrs and ends at 16:30 hrs on Friday, 18th December with a one day break on Sunday, 13th December, 2015.

Please note that all the activities of this STTP will be done exclusively at the 146 coordinating remote centers, across the country. Faculty colleagues who are presently teaching Physics in Engineering Colleges, Polytechnics and Degree Colleges are eligible to attend this training programme. The participants must have an M.Sc. degree in Physics.

**IMPORTANT NOTE:** Participants will be expected to carry out some additional assignments in the two weeks following the completion of the course. Please note that full attendance is mandatory. Completion of assignments and full attendance are required criteria for IITB-ISTE certification.

\*Please note: Students and full time research scholars are not eligible for participation, funds or certificates.\*

#### \*ENROLLMENT\*

We have launched the new website with the same url of http://www.it.iitb.ac.in/nmeict

The detail of the registration is available on the link : https://goo.gl/wyykaS

Those wishing to attend this STTP should enroll online on the above link. While enrolling, it is mandatory to upload a scanned copy of permission letter. The permission letter must be signed and approved by the Principal/Head of the institute permitting the participant to attend the Two-Week ISTE STTP.

Enrollment will be strictly online and no other mode of applications will be entertained.

Charotar University of Science & Technology Mail - Announcement of Two-Week ISTE STTP on Engineering Physics from 08 to 18 December, 2015

The brochure of the Engineering Physics STTP is available at https://goo.gl/H8RmZb. While registering, you may select your choice of remote center (where you wish to attend the STTP) from our assigned remote centers, which is close to your institute.

#### Last date for enrollment is 30th November, 2015.

A list of selected participants will be put up on the website on 1st December, 2015. The selected participants will also be informed by email.

We request you to kindly circulate this mail amongst your colleagues/friends, and nearby institutes so that they can benefit from this opportunity.

--

Thanks & Regards,

Prof. Upesh P. Patel Assistant Professor V.T.Patel Department of Electronics & Communication Engineering Chandubhai S Patel Institute of Technology (CSPIT) Charotar University of Science and Technology (CHARUSAT) Changa Mo. + 91 9913759877 Extension No: 5069

**Upesh Patel** <upeshpatel.ec@charusat.ac.in> To: CSPIT <cspit@charusat.ac.in>, PDPIAS <pdpias@charusat.ac.in> Wed, Oct 21, 2015 at 3:06 PM

Dear Sir/Madam,

Please find attached Flyers for the Two Week ISTE STTP on Engineering Physics from 08 to 18th December, 2015. [Quoted text hidden]

2 attachments

BIG\_PHY\_WORKSHOP Flyer\_CHARUSAT.pdf

PHY\_brouchure.pdf

## Report

#### On

## "Workshop on Engineering Physics"

#### Organized by

## V. T. Patel Department of Electronics & Communication Engineering, Chandubhai S. Patel Institute of Technology, CHARUSAT, Changa

## December 08-18, 2015

#### Coordinator: -

Prof. Upesh Patel, EC Department, CSPIT, CHARUSAT, Changa

#### No of Participants: 26

#### Brief Details of Workshop: -

V. T. Patel Department of EC Engineering, Chandubhai S. Patel Institute of Technology, CHARUSAT, Changa had organized 10 days workshop on "Engineering Physics". Total 26 participants from the various institutes had enrolled for the webinar.

#### **Course Contents and details:**

The topics to be covered in this Workshop:

- Relativity- Frames of reference, Michelson-Morley experiment, Lorentz transformation, Mass-Energy Relationship.
- Quantum Mechanics- Compton effect, Uncertainty Principle, Schrödinger Equation, Postulates of Quantum Mechanics, Particle in a box, Potential barrier, tunneling.
- Electromagnetic Theory Maxwell's Equations, Electromagnetic Waves, Poynting Theorem
- Optics: Interference, Diffraction and Polarization Elements of Fiber optic communication.
- Elements of Solid State Physics : Bravais lattice and crystal structure, Miller indices, Bragg's law and Laue condition, Free electron models, Bloch's Law, Bands in solids
- Magnetism in solids, dia, para and ferromagnetic material, applications to magnetically ordered materials.
- Superconductivity: phenomenology, London Equations, Thermodynamics of superconductors, Qualitative treatment of BCS Theory, High temperature superconductors.

## **Photographs of Workshop:**





## **Resource Person's details:**

Prof. Shiva Prasad, Professor Dept. of Physics, IIT Bombay

Prof. Dipan K. Ghosh, Professor Dept. of Physics, IIT Bombay

Prof. K.G. Suresh, Professor Dept. of Physics, IIT Bombay

## Attendance Sheet for Date : 2015-12-08 Two-Week ISTE STTP on Engineering Physics December 8th, 2015 to December 18th, 2015 Under the National Mission on Education through ICT, MHRD, New Delhi 1322 - CHARUSAT Charotar University Of Science, Anand

Participant		Signature				
S No	Participant ID	Name	Session 1	Session 2	Session 3	Session A
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19	156177	Brijesh Kundaliya	Bee.	Bel.	Bet.	BOR .
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## **Registration Form**

Gujarat Council on Science & Technology (GUJCOST) Sponsored

## Workshop on Advances in Signal Processing and Communication Technology

## October 30- 31, 2015

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. B. G. Patel, Provost, CHARUSAT

#### Patron

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

#### **Advisory Committee**

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

#### Convener

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

#### Coordinator

Dr. Trushit Upadhyaya, Prof. Upesh Patel, EC Department, C S Patel Institute of Technology CHARUSAT

#### Correspondence

Dr. Trushit Upadhyaya (M) : 09427547375 Prof. Upesh Patel (M) : 09913759877

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 – 247500 Fax: 02697 - 247100 E-mail : trushitupadhyaya.ec@charusat.ac.in upeshpatel.ec@charusat.ac.in Website: <u>www.charusat.ac.in</u>



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

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

## GUJCOST SPONSORED WORKSHOP on

## ADVANCES IN SIGNAL PROCESSING AND COMMUNICATION TECHNOLOGY

October 30 - 31, 2015

## 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

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 25. Research activities are undergoing in emerging area of Electromagnetics and Antenna Design, Satellite and Wireless Communication, Image & Video Processing, Microelectronics, 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

Microwave Analog Signal Processing (ASP) is to manipulation of signals in their pristine analog form and in real time to realize specific operations enabling microwave or millimetre-wave and terahertz applications. The workshop is organized to address the systematic approach in facing future challenges in high speed and high frequency microwave applications.

Several applications have been reported to offer distinct benefits over conventional DSP-based technology. Microwave ASP has a great potential for future microwave, millimetre wave and terahertz applications.

Workshop will also significantly emphasis on the recent advancements in image and speech signal processing and its real time applications. The advancement in speech coders, speech recognition and language processing for in-vehicle application along with image processing will be discussed.

#### **Workshop Contents**

The workshop would cover following:
1. Microwave Analog Signal processing
2. Advances in Speech Signal processing
3. Models of Signal Processing
4.MIMO ANTENNAS: Channel Estimation Perspectives

#### **Resource Person**

Dr. Sanjeev Gupta	(DAIICT-Gandhinagar)
Dr. Hemant Patil	(DAIICT-Gandhinagar)
Dr. Aditya Tatu	(DAIICT-Gandhinagar)
Dr. Jaymin Bhalani	(BIT, Baroda)

#### **Registration Fees / Important Dates**

Category	Registration Fees
Students (UG/PG/PhD)	Rs. 150
Academician	Rs. 250
Industry Personnel	Rs. 500

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

All payment should be made by either cash or through demand draft drawn in favour of "C. S. Patel Institute of Technology, Changa", payable at Anand.

#### How to reach?



Page 62



Upesh Patel <upeshpatel.ec@charusat.ac.in>

Thu, Oct 29, 2015 at 12:17 PM

# GUJCOST Sponsored workshop on "Advances in Signal Processing & Communication Technology"

1 message

**Upesh Patel** <upshpatel.ec@charusat.ac.in> To: ec <ec@charusat.ac.in> Cc: Trushit Upadhyaya <trushitupadhyaya.ec@charusat.ac.in>

Dear Sir/Madam,

We are pleased to inform that V.T.Patel Department of Electronics & Communication Engineering is organizing a Gujarat Council on Science & Technology (GUJCOST) Sponsored Workshop on "Advances in Signal Processing & Communication Technology" during 30<sup>th</sup>-31st October, 2015.

The programme brochure is attached herewith for your reference

Thanks & Regards,

Prof. Upesh P. Patel Assistant Professor V.T.Patel Department of Electronics & Communication Engineering Chandubhai S Patel Institute of Technology (CSPIT) Charotar University of Science and Technology (CHARUSAT) Changa Mo. + 91 9913759877 Extension No: 5069

BUJCOST\_WORKSHOP Flyer.pdf

## Report

On

"Advances in Signal Processing and Communication Technology"

## Organized by

## V. T. Patel Department of Electronics & Communication Engineering, Chandubhai S. Patel Institute of Technology, CHARUSAT, Changa

## October 30-31, 2015

#### Coordinator: -

Prof. Trushit Upadhyaya, EC Department, CSPIT, CHARUSAT, Changa Prof. Upesh Patel, EC Department, CSPIT, CHARUSAT, Changa

#### No of Participants: 30

#### Brief Details of Workshop: -

V. T. Patel Department of EC Engineering, Chandubhai S. Patel Institute of Technology, CHARUSAT, Changa had organized 02 days workshop on "Advances in Signal Processing and Communication Technology". Total 30 participants from the various institutes had enrolled for the webinar.

## **Objective of Workshop:** .

The workshop would cover following:

- 1. Advances in VLSI Digital system design
- 2. Future Development in Analog VLSI Design
- 3. Role of EDA tools in chip verification and Futuristic trends in VLSI
- verification

Microwave Analog Signal Processing (ASP) is to manipulation of signals in their pristine analog form and in real time to realize specific operations enabling microwave or millimetre-wave and terahertz applications. The workshop is organized to address the systematic approach in facing future challenges in high speed and high frequency microwave applications.

Several applications have been reported to offer distinct benefits over conventional DSP-based technology. Microwave ASP has a great potential for future microwave, millimetre wave and terahertz applications.

Workshop will also significantly emphasis on the recent advancements in image and speech signal processing and its real time applications. The advancement in speech coders, speech recognition and language processing for in-vehicle application along with image processing discussed.

## **Photographs of Workshop:**





## **Resource Person's details:**

Dr. Sanjeev Gupta Dear R & D DAIICT-Gandhinagar

Dr. Hemant Patil Professor DAIICT-Gandhinagar

Dr. Aditya Tatu Professor DAIICT-Gandhinagar

Dr. Jaymin Bhalani Professor BIT, Vadodara

# Workshop on Advances in Signal Processing and Communication Technology

Registration Details           No         Student's Name           Amount (Rs. 150/-)			
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31 Prof. Vishal Tunk	150		
32 Prof. Brijesh kundellige	150		
33 Prof. Kenshal Vala	150		
34 Prof. Mitesh Patel	<b>A</b>		
35 Prof. Rajat Pandey	150		
36. Poof. Bharesh Gerpan	150		
37 Pool. Mailin Parel	150		

**Registration Form** 

## Workshop On Arduino & Mobotics

19<sup>th</sup> Oct – 24<sup>th</sup> Oct, 2015 Name: \_\_\_\_\_

Designation:

Institute/Organization: \_\_\_\_\_

Address: \_\_\_\_\_\_

\_\_\_\_\_City: \_\_\_\_\_

Mobile: \_\_\_\_\_

E – Mail: \_\_\_\_\_\_

I am enclosing the demand draft in favor of "Charotar University of Science and 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

Shri Surendra Patel, President, CHARUSAT

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

## Patron

**Chief Patron** 

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

## **Advisory Committee**

Shri V.M. Patel, Convener, CSPIT, CHARUSAT Shri Ashok Patel, Advisor, CHARUSAT Shri Devang Joshi, Registrar, CHARUSAT

## Coordinator

Dr. Praghnesh J. Bhatt (M) : 9427339896 Mr. Maulik J. Shah (M): 09978441457

## Correspondence

Mr. Maulik J. Shah Coordinator M&V Patel Department of Electrical Engineering C.S. Patel Institute of Technology Charotar University of Science and Technology Changa - 388421, Dist: Anand, Gujarat Ph. No. 02697 – 265056 E-mail: <u>maulikshah.ee@charusat.ac.in</u> Website: <u>www.charusat.ac.in</u>

## **Online Registration Link**

https://docs.google.com/forms/d/1se1-w0cxMTso0yQSk956AyQuEEgNOhn5eWr8kMinuA /viewform?usp=send\_form M & V Patel Department of Electrical Engineering

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

> Organizes Workshop On

# **Arduino & Mobotics**

19th Oct - 24th Oct, 2015

Supported By: Gujarat Council on Science and Technology (GUJCOST)







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

Seal and Signature /v of Head of Institution

#### 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, MiPower, PSCAD, MATLAB/Simulink, PSIM, PSPICE and SKM Power Tool.

#### About Workshop

This workshop will provide the hands on experience to the participants to work on Arduino Board. The workshop is specifically designed for the UG students, PG students and industry personnel who wish to work in the area of automation and control using microcontroller. The workshop aims to cover the concept of Arduino open source software, hardware implementation concepts with hands on training with general purpose interfacing boards. Also, it covers the use of Arduino for different Small Robots (Mobotics) and control of Motors Remotely. The use of the MATLAB/ Simulink support package for Arduino will also be covered. The detail exercises and examples on the applications of Arduino will be covered during these Five days. The experienced professors and engineers contributing in these areas will deliver the lectures during the program and share their experience and expertise with the participants working in this area

## **Tentative Topics**

- Introduction to Arduino. (History and about open source Hardware.)
- Basics of Atmel/AVR Microcontroller chips. Introduction to different hardware boards and Shields available on Arduino website.
- Details of structure, values (variables and constants), and functions. Basic digital input & output programming with delay functions.
- ADC and DAC Programming Logics. Interfacing to different hardwares like LCD, 7 Segment LEDs, Matrix Keyboard, Bluetooth module etc.

- Speed control of Different motors with wire and remotely.
- MATLab Simulink support package for Arduino

#### **Registration Fees**

Research Scholars/Students	Rs. 1000/-
Academia	Rs. 1500/-
Industry/R&D Organizations	Rs. 2500/-

The faculties from the academic institutions, research scholars and the students can participate in the program. The registration fees for the participation include the charges for lecture notes, registration kit, 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 duly forwarded by the Head of the Institution, accompanied by the demand draft should reach the course coordinator on or before **14<sup>th</sup> Oct, 2015**. The seats are limited and the selection process will be based on first cum first serve basis.

#### **Important Dates**

Last date of receiving Application: 14/10/2015 Notification about selection: 16/10/2015

#### Accommodation

The registration fee does not cover the travel and accommodation charges. However, the accommodation can be arranged on payment basis by informing coordinators in advance up to 14/10/2015.

## CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY Faculty of Technology & Engineering Chandubhai S Patel Institute of Technology M & V Patel Department of Electrical Engineering

## Report Summary Five Days Workshop On "ARDUINO & MOBOTICS"

**Dates** :- 19<sup>th</sup> Oct to 24<sup>th</sup> Oct, 2015

No. of Participants: - 36

Students	Teaching staff	Non-Teaching staff	Professionals
33	3	00	00

Organized by	- Dr. Praghnesh J. Bhatt
--------------	--------------------------

Mr. Maulik Shah

**Resource Person** :- Prof. Maulik Shah

Assistant Professor, EE Dept.

CSPIT, CHARUSAT

## **Contents:**

Technical sessions on:

- What is ARDUINO? Different Arduino Hardware boards and its Shields
- Introduction to Proteus Design Suite Software
- Programs for Interfacing Different Devices with ARDUINO board and Interrupts Programs
- Arduino in Power electronic Converters
- Arduino with MATLab

## Sponsorship: From GUJCOST of Rs. 20,000/-

## **Total Expense:**

Sr. No	Items	Amount
1	Expert Remuneration	15000
2	Kit:Pen, Notepad, I card	2000
3	Miscellaneous (Ghee, divet etcfor inaugration function)	350
4	Banner	800
5	Certificate+Xerox	620
6	Breakfast + Tea	8500
7	bouque	250
8	Lunch	13300
9	Electronics components	5775
10	Photography	580
	Total	47175

## **Income from Workshop:**

Sr. No	Income	Amount
1	Registration Fees of Participants (Students - 33 (33,000 Rs.), Academia - 3 (4,500 Rs.))	37500
2	GUJCOST Sponsered (Cheque No: 420689, SBI Gandhinagar IFS code: SBIN0001355, From AC No: 10325061982, Dated : 11-Jan 2016)	
	Total	
Net Profit		10325

## **Brief of Workshop:**

The 1<sup>st</sup> day of the Workshop is started with the inaugural function with Dr. A. D. Patel (Principle of CSPIT), Dr. Praghnesh Bhatt (HOD, EE).

## **Topics covered on DAY 1:**

- What is ARDUINO? Different Arduino Hardware boards and its Shields
- Step-by-step instructions for setting up the Arduino software
- ARDUINO Language Reference Structure, Values (Variables and Constants), and Functions.

#### **Topics covered on DAY 2:**

- Introduction to Proteus Design Suite Software
- Digital IN / OUT Programs with delay function and without delay function

- Analog IN / OUT, Control Structures and Arithmetic Logical Operators and its programs
- Introduction to Different Interfacing Devices. Like Push Button, LCD, 7 Segment LEDs, ADC, DAC, Matrix Keypad etc

## Topics covered on DAY 3:

- Programs for Interfacing Different Devices with ARDUINO board and Interrupts Programs
- Programs for Interfacing Different Devices with ARDUINO board and Interrupts Programs
- Communication Basics

#### **Topics covered on DAY 4:**

- Basics of Power electronic Converters and Arduino in Power electronic Converters
- Arduino in Power electronic Converters
- Application Program

## Topics covered on DAY 5:

Arduino with MATLab

# Workshop was concluded with the oral feedback of participants.

Prepared By:

Dr. Praghnesh J. Bhatt, (HOD,EE) CSPIT, Changa

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Prof. Maulik Shah

CSPIT, Changa




#### CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY, CHANGA

#### M & V Patel Department of Electrical Engineering

#### 5-days Workshop on "ARDUINO and MOBOTICS" from 19th to 24th October, 2015 Sponsered By : GUJCOST

#### **Details of Participants**

Sr. No.	Participant's First Name	Participant's Last Name	Mobile	E-mail ID	
1	Kunjan	Patel	9426212347	kunjanpatel1995kp@gmail.com	
2	Hardik	Patel	9727829305	patelhardik367@gmail.com	
3	Dharita	Patel	9925365442	dkpatel@bvmengineering.ac.in	
4	Vishvas	Parmar	9737698034	vishavasparmar107@gmail.com	
5	Jasmine	Padhye	8511321871	jazz8596@gmail.com	
6	Preyash	Parikh	7567133440	p18896@rocketmail.com	
7	Grishma	Limbad	9173847432	magicgrishma@gmail.com	
8	Darshak	Patel	9904480576	darshakbpatel87@gmail.com	
9	Neel	Bhatt	8460927295	neelbhatt951996@gmail.com	
10	Abhishek	Patel	9925213937	abhipatel1313@yahoo.co.in	
11	Shivani	Patel	9428905076	shiro.2627@gmail.com	
12	Ronak	Patel	9925205187	rhp26494@gmail.com	
13	Akshat	Verma	9428304609	akshatverma.charusat@gmail.com	
14	Dhruvik	Patel	8140559856	dhruvikpatel61197.p@gmail.com	
15	Meet	Dabhi	9898588489	tdabhi@gmail.com	
16	Apurv	Barot	7778096767	writetoapurv@gmail.com	
17	Yash	Trambadia	8866331662	1696.yash@gmail.com	
18	Shiv	Desai	9409260060	shiv.desai95@gmail.com	
19	Dhruvang	Merchant	9429867687	dhruv7596@gmail.com	
20	Harsh	Dedakiya	9825122453	harshdedakia@gmail.com	
21	Karnav	Pancholi	9925195792	karnav311@gmail.com	
22	Sameer	Pabari	7567459393		
23	Bhavya	Bhatt	9429909449	bhbhbhatt@gmail.com	
24	Bhavin	Vadher	8153863979	bhavinvadher28@gmail.com	
25	Varun	Thakkar	7878130950	thakkarvarun3@gmail.com	
26	Kuldeep	Manvar	9913955297	kuldeepmanvar1@gmail.com	
27	Suril	Tilala	9099822508	suriltilala09@gmail.com	
28	Meet	Raval	9428420888	13ee105@charusat.edu.in	
29	Yash	Kotecha	9537146117	yashkotecha928@gmail.com	
30	Gagan	Thakkar	8000641564	gaganthakkar8@gmail.com	
31	RONAL	PARMAR	9601915816	parmar.ronal@gmail.com	
32	Roshan	Verma	9173177068	itsroshanverma93@gmail.com	
33	Prof. Deepa	Karavat	9537924343	bhaskerdeepa@yahoo.co.in	
34	Prof. Kilol	Pandya	7600004093	kilolpandya.ec@charusat.ac.in	
35	Prof. Manish	Pandya	9879698932	manishpandya25@yahoo.com	
36	Mrs. Kanwar	Banrah	9586139125	kanwarpreet27@gmail.com	

#### **Registration Form**

Workshop On Power System Analysis, Design and Simulation

 $24^{th} - 26^{th}$  September, 2015

Name:
Designation:
Institute/ Organization:
Address:
Gity:
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 Organi	zations	
Amount:	Demand Draf	t 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, CHARUSAT Shri Ashok Patel, Advisor, CHARUSAT Shri Devang Joshi, Registrar, CHARUSAT

#### Coordinators

Dr. Praghnesh Bhatt (M): 94273 39896 Nilay Patel (M): 98255 48275 Jgar Sarda (M): 75677 02409

#### **Co-Coordinators**

Dhaval Patel (M): 84019 82045 Lalit Patel (M):98790 66697

#### Correspondence

Jgar Sarda (M): 75677 02409 Coordinator M&V Patel Department of Electrical Engineering C.S. Patel Institute of Technology Charotar University of Science and Technology Changa - 388421, Dist: Anand, Gujarat Ph. No. 02697 – 265049 Fax: 02697 - 247100 E-mail: jigar sarda.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)

> Workshop On

#### Power Systems Analysis, Design and Simulation

24<sup>th</sup> – 26<sup>th</sup> September, 2015

**Supported By:** 

#### Gujarat Council on Science and Technology (GUJCOST)



Department of Science & Technology

Government of Gujarat



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 food, banking, transportation etc. housing, 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, MiPower, PSCAD, MATLAB/Simulink, PSIM, PSPICE and SKM Power Tool.

#### About STTP

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 from a mere 1345 MW to 185 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 everincreasing demand for electrical energy consumption.

To operate the power system in a reliable manner, the protective relays need to be provided and coordinated with each other at different locations in power the system. For the proper operation of the relays, the correct calculation of the fault current is required. The computer aided short circuit analysis programs are required to calculate the value of the fault current at different operating conditions.

The occurrence the fault is the major cause to make the system transiently unstable. The transient stability is affected by the types of the faults, locations of the faults, clearing time of the faults and operating conditions.

#### Scope of STTP

The main objective of this program is to enhance the knowledge of the participants with the recent trends in emerging power system operation and control including the fundamental aspects of the short circuit analysis, optimal power flow, dynamics and stability, grid integration of renewable energy sources and contingency analysis. This course will cover an in-depth discussion and deliberations on the various challenges which will be faced in the future by the electrical grid for their operations, management and control. The course will also focus on the possible remedies to these challenges. The broad contents of the program are:

- Power flow analysis
- Economic dispatch ,Optimal power flow analysis and Security constrained optimal power flow analysis
- Optimization techniques

- Artificial Intelligent application in power system
- Renewable energy
- Short circuit analysis
- Power system dynamics and stability analysis
- D-FACTS technology

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**

Academia	Rs. 750/ -
Industry/ R&D Organizations	Rs. 1000/ -
Research Scholars/ Students	Rs. 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 the charges for lecture notes, refreshment and lunch. All payment should be made by a demand draft drawn in favor of "CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY". 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 **21**<sup>st</sup> **September**, **2015**.

#### **Important Dates**

Last date of receiving application :	21/09/2015
Notification about selection:	22/09/2015

#### 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 **21/09/2015**.

#### Charotar University of Science and Technology Faculty of Technology and Engineering Chandubhai S. Patel Institute of Technology M &V Patel Department of Electrical Engineering

Date: 27/09/2015

#### Report for Workshop On Power Systems Analysis, Design and Simulation 24<sup>th</sup> – 26<sup>th</sup> September, 2015

To enhance the knowledge about different Power systems analysis department of electrical engineering has organized workshop on "Power Systems Analysis, Design and Simulation" for the students in sponsored with GUJCOST. The workshop was arranged during  $24^{th} - 26^{th}$  September, 2015.

The main objective of this program is to enhance the knowledge of the participants with the recent trends in emerging power system operation and control including the fundamental aspects of the short circuit analysis, optimal power flow, dynamics and stability, grid integration of renewable energy sources and contingency analysis. This workshop will cover an in-depth discussion and deliberations on the various challenges which will be faced in the future by the electrical grid for their operations, management and control. The workshop will also focus on the possible remedies to these challenges.

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- > Power flow analysis
- Economic dispatch, Optimal power flow analysis and Security constrained optimal power flow analysis
- > Optimization techniques
- > Artificial Intelligent application in power system
- Renewable energy
- Short circuit analysis
- Power system dynamics and stability analysis
- D-FACTS technology

The total number of participants are 32 for this workshop.

J. S. South Jigar Sarda Assistant Professor Coordinator EE, CSPIT.

Nilay Patel Assistant Professor Coordinator EE, CSPIT.

#### M & V Patel Department of Electrical Engineering Power Systems Analysis, Design and Simulation Date:- 24th September, 2015 to 26th September ,2015.

Sr no	Full Name	ID number
1	ARANIYA DAYARAM GANGARAMBHAI	12EE001
2	BHAGDEV DISHANT RAJESHBHAI	12EE005
3	CHAUHAN JIGARKUMAR DINESHBHAI	12EE014
4	GAGNANI HIREN KISHORKUMAR	12EE022
5	MEHTA DEVANSHI SAGAR	12EE034
6	PATEL AKSHAYKUMAR VIJAYBHAI	12EE053
7	PATEL ANUP RAJESHKUMAR	12EE055
8	PATEL DEESHA RAJESHKUMAR	12EE060
9	PATEL HIRAL VIPULBHAI	12EE062
10	SHAH KARTIK ASHISH	12EE095
11	UKANI PARTH SUMANTBHAI	12EE112
12	VACHHANI VATSAL SUBHASHBHAI	12EE113
13	VAGHELA KEYUR RAVJIBHAI	12EE115
14	JOSHI AKASH JAYESHBHAI	12EE124
15	KAPADIA MARMIK BHARATBHAI	12EE126
16	PARMAR ADITYA TRIBHUVANBHAI	12EE141
17	SHIROYA DHRUMIL GHANSHYAMBHAI	12EE142
18	GOSAI RAHULGIRI DIPAKGIRI	D13EE168
19	THAKOR PARTH BHANUBHAI	D13EE170
20	SOLANKI PANKAJBHAI SURESHBHAI	D13EE171
21	DAVE BHARGAV S.	15TPGEE001
22	PARMAR DAVID T.	15TPGEE002
23	PATEL JAYKUMAR R.	15TPGEE003
24	BHATT RUSHITKUMAR K.	15TPGEE004
25	PATEL NISARG A.	15TPGEE005
26	PATEL VIRALKUMAR R.	15TPGEE006
27	PATEL ASHISHKUMAR B.	15TPGEE007
28	PAREKH KRUNAL N.	15TPGEE008
29	PRAJAPATI JATINKUMAR S.	15TPGEE009
30	SHAH MARGI R.	15TPGEE010
31	PATEL NAYANKUMAR S.	15TPGEE011
32	DAVE SAHAJ G.	15TPGEE012

J.S. Junder Jigar Sarda

Coordinator

Nilay Patel

Coordinator

#### Workshop On Power Systems Analysis, Design and Simulation 24th – 26th September,





GEDA



#### Workshop On

## **Energy conservation Awareness**

### 30<sup>th</sup> July, 2015

Organized By: M&V Patel-Department of Electrical Engineering Chandubhai S. Patel Institute of Technology (A Constituent Institute of CHARUSAT) SPONSORED BY : Gujarat Energy Development Agency Condhinagar

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

Aegis: Shri Charotar Moti Spattsovis Patidar Kelavni Mandal



## Report on workshop of

## "Energy Conservation Awareness"

- One day workshop on " ENERGY CONSERVATION AWARENESS" organized at department of electrical engineering in association with GEDA on 30/7/2015 at C S Patel Institute of technology, change.
- "Energy Conservation Cell (ECC)" has been established by M & V Patel department of electrical engineering to carry out the activities for energy conservation in CHARUSAT. The major objectives of cell are to create awareness among the employees and students of CHARUSAT.
- The workshop was organized for final year students of electrical and mechanical Engineering. Total 259 students was participated in workshop. 140 students of electrical department and 119 students of mechanical department.
- The Gujarat energy development agency (GEDA) will appoint the certified energy auditors to conduct the seminar. Mr. Yogesh Prajapati (Energy Manager, Assistant Professor, BVM Engineering Collage) and Mr. shakil mansuri (Sr. Consultant, Energy & Carbon Services, MITCON Consultancy and Engineering Services) deliver expert talk on energy conservation awareness, it's methodology and energy auditing procedure.

Co-coordinator Mbbutt

Dr. Praghnesh Bhatt Professor and Head CSPIT Electrical Engineering, CSPIT One day workshop on '' ENERGY CONSERVATION AWARENESS'' organized at department of electrical engineering in association with GEDA on 30/7/2015 at C S Patel Institute of technology, change.



### **ENERGY CONSERVATION AWERNESS WORKSHOP**

**TECHNICAL SESSION -II** 

Time: 02:00 AM to 04:00 PM

Venue: PDPIAS Seminar Hall

Date: 30/07/2015

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12	12EE014	CHAUHAN JIGARKUMAR DINESHBHAI	J.J. Cho	
13	12EE018	DESAI NILAY HIRENKUMAR		
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15	12EE022	GAGNANI HIREN KISHORKUMAR	Montemper	
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#### ENERGY CONSERVATION AWERNESS WORKSHOP TECHNICAL SESSION -1

Date: 30/07/2015

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Time: 09:00 AM to 01:00 PM

Venue: PDPIAS Seminar Hall

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#### ENERGY CONSERVATION AWERNESS WORKSHOP TECHNICAL SESSION -1

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Time: 09:00 AM to 01:00 PM

Venue: PDPIAS Seminar Hall

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#### Ramanbhai Patel College of Pharmacy CHARUSAT-CHANGA

Date: 27/05/2015

Page 1 77

#### CIRCULAR

Subject: Teachers' training during summer vacation 2015. Ref.:

- 1. CHARUSAT proposal and directives for teachers' training during summer vacation 2015, received through email dated April 18, 2015. (E) closure-I)
- 2. Our proposal for teachers training in summer vacation 2015 in fieu of the training components proposed and directed by CHARUSAT, sent through a note dated May 13, 2015. (Enclosure-II)
- Approval of our proposal for teachers training in summer vacation 2015 in lieu of the training components proposed and directed by CHARUMAT, received by email dated May 18, 2015. (Enclosure-III)
- 4. Vacation circular for RPCP members dated April 21, 2015. (En. losure-IV)

As per reference 1, teachers at RPCP are expected to undertake trainin; as per following details.

- A. Technical & Domain knowledge Training (DKT) of their field: days
- B. Soft Skills & Attitude Training (SST): 3 Days
- C. Industrial Exposure Training (IET): 6 Days

We have proposed (as per reference 2) and got approval (as per reference 3) from the university to organize faculty development programme (FDP) in lieu of training suggested by CHARUSAT as per following details:

Sr. No.	Title of FDP	Date & Duration	Coordinator
1	Workshop on scientific writing skills for quality publications	15-20 June 2015: 6 Days	Mr. Mehul Patel
2	Short term training programme in Entrepreneurship	22-27 June 2015: 6 days	Dr. Balaram Gajra

Overall coordination will be done by Dr. Balaram Gajra.

Brief information about these two programs is enclosed with this circular. (Enclosure-V) All are requested to take note of it as well as comply with it.

Virk R.H.Parikh Principal - RPCP

Charotar University of Science & Technology Mall - Proposal for Summer Trai ting

Page 1 of 1 Enclosure-1

Page 2 97



RH Parikh <rhparikh ph@charusat.ac.in>

#### Proposal for Summer Training

Registrar CHARUSAT <registrar@charusat.ac.in>

Sat, Apr 18, 2015 at 11:49 AM

To: Amit Ganatra <amitgenatra.ce@oharusat.ac.in>, Atul Patel <atulpatel.mca@charusat.ac.in>, Govind Dave <govinddave.mba@charusat.ac.in>, RH Parikh <rhparikh.ph@charusat.ac.in>, Dr. R V Upadhyay" <nvu.as@charusat.ac.in>, "Dr. Bala Ganapathy" <balaganapathy.phy@charusat.ac.in -, Anil sharma <aniisharma.nur@charusat.ac.in>, "Dr. Tapaskumar Chaudhuri" <Tkchaudhuri.rnd@c tarusat.ac.in>, Parth Shah <parthshah.ce@charusat.ac.in>, Trushit Upadhyaya <trushitupadhyaya.ec@ch: rusat.ac.in>,

Pragnesh Bhatt pragneshbhatt.ee@charusat.ac.in>, Vijay Chaudhary
<vijaychaudhary.me@charusat.ac.in>, "Dr. A V Thomas" <avthomas.cv@charusat.ac.in>, Hiranmoy Neogi
<hiranmoyneogi.hrdc@charusat.ac.in>

Cc: Hashmukh Patel shasmukhpatel.adm@charusat.ac.in>, "Dr. Harish Desal"

<harishdesai.adm@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charus.it.ac.in>, Darshan Patel <darshanpatel.adm@charusat.ac.in>, dipal sukhadiya <dipalsukhadiya.adm@cl arusat.ac.in>

#### Dear Sir(s).

As discussed in the HR Committee meeting held on 24th March 2015 the Teachers Training Program to be conducted in Summer Vacation 2015. Kindly find the details as mentioned below:

Trainings are to be considered for:

(A) Technical & Domain Knowledge Training (DKT) of their field : 5 days

More than 5 days may be considered for the Teachers, who are on probation period

- (B) Soft Skills & Attitude Training (SST) :3 days
- (C) Industrial Exposure Training (IET) : 6 days

General:

- The Principal's /HoDs are requested to interact with teachers and identify the training needs and . objective for both Domain Knowledge and Soft Skills.
- IET and DKT are to be executed by the Institute. Principal may please take 1 ote of this.
- SST: This will be informed later on by HRDC.

You are requested to submit the training plan of teachers of your institute by 30.04.2015.

Thanks & Regards,

Devang Joshi Registrar

Enclosure -II

#### Ramanbhai Patel College of Pharmacy CHARUSAT-CHANGA

Date: 13/05/2015

#### NOTE

#### Submitted to,

#### The Provost-CHARUSAT

#### Through,

#### The Registrar-CHARUSAT

As per email dated 18<sup>th</sup> April 2015 (Enclosure 1), teachers at RPCP are expected to undertake training as per following details.

A. Technical & Domain knowledge Training (DKT) of their field: 5 tays

B. Soft Skills & Attitude Training (SST): 3 Days

C. Industrial Exposure Training (IET): 6 Days

We propose and seek your approval to organize following two faculty development programmes for RPCP faculty members in lieu of training suggested by CHARUSAT.

Sr. No.	Title of FDP	Date & Duration	Coordinator
1	Workshop on scientific writing	15-20 June 2015: 6 Days	Mr. Mehul Patel
2	Short term training programme in Entrepreneurship	-	

Brief information of above two programs is attached as Enclosure 2.

We shall provide budgetary details after receiving approval in principle from CHARUSAT.

R.H. Parikh Principal, RPCP



Page 1054

Enclosure-UL

5/19/2015

Charotar University of Science & Technology Mail - Regarding Proposal to or anize FDP for RPCP faculty

IARUSA

RH Parikh <rhparikh.ph@charusat.ac.in>

#### Regarding Proposal to organize FDP for RPCP faculty

Registrar CHARUSAT <registrar@charusat.ac.in> To: RH Parikh <rhparikh.ph@charusat.ac.in> Mon, May 18, 2015 at 2:54 PM

Cc: Hashmukh Patel <hasmukhpatel.adm@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charusat.ac.in>

Dear Sir,

This is with reference to your proposal to seek permission to organize faculty development program for RPCP faculty members in lieu of training by Chaursat. You may please take note as under :

- Your proposal has been approved in Principle by the Provost.
- Provide the budgetary details to organize the said FDP for the faculty of F PCP.

Thanking You, -

Devang Joshi Registrar

To Do. Balassan /Ho. Mehrij Jor n/a 19/05/2015

Enclusive -TV

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#### RAMANBHAI PATEL COLLEGE OF PHARMACY

#### CHAROTAR UNIVERSITY OF SCIENCE AND TECHN JLOGY

Date: 21/04/2015

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#### CIRCULAR

This is to inform all the faculty members that the summer vacation for the year 2015 will be given in two phases. The phases are as under:

Phase	Duration	No. of weeks
1	18/05/2015 to 27/06/2015	06
2	25/05/2015 to 04/07/2015	06

Each faculty is requested to provide preference in the enclosed Annexure 1 by 12.00 noon on 23/04/2015 (Thursday).

It is also to be noted that

> 14 days period between 14/06/2015 (Sunday) to 27/06/2015 (Saturday) should be dedicated for

training of the faculty as per CHARUSAT norms. [Enclosure 1]

> Faculty members registered for Ph.D programme of CHARUSAT shall observe guidelines issued

by CHARUSAT for the purpose of vacation [Enclosure 2].

(R. H. Parikh)

Principal



RPCP/CHARUSAT/Note submitted to the Provost-CHARUSAT/ Teacher's Training Summer Vacation 2015

Enclosure

#### i. Viurishop on scientific writing:

All faculty members of RPCP are involved as project supervisors for M.Pharm dissertation projects. It is desirable / essential that research carried out as part of M.Pharm programme as well as Ph.D. programme gets published as research papers. One of the constraints associated with research paper writing is non-availability of focused approach due to involvement of faculty in routine teaching- learning as well as administrative work. In addi ion, it is also desirable to provide guidance to faculty members with reference to various facets of research paper publication.

So, it is proposed to organize a workshop where faculty members car learn the skills of quality publication. Our plan is to call two to three experts as speakers and rest of the time will be devoted for actual paper writing by faculty members. One of the cutcomes of the proposed workshop will be submission of at least one research paper by each faculty member in a journal having impact factor of minimum 0.5. Submission will be done on/or before the last day of the workshop. Each faculty member will submit the proof of research paper submitted. Research paper submitted will be based on research work carried out at RPC P. Faculty members will remain present in the institute throughout the duration of workshop.

2. Short term training programme in Entrepreneurship:

To imbibe the meaning of the term entrepreneurship, a dedicated trainir g is required. In addition, at RPCP there are some more specific reasons to train faculty meml ers for entrepreneurship. These reasons are enumerated here.

 B.Pharm curriculum has a course titled "Entrepreneurship for F narma Professionals with total 9 credits divided in to three components: Theory (3 crecits), Practical (3 credits) and Project (3 credits). Theory and practical components are conducted by the faculty members of RPCP and IIIM. Whereas project which is a Bus ness Plan preparation is conducted by RPCP faculty members. A group of students is given to faculty member for guiding the project i.e. preparation of business plan. This re puires training of faculty members.

CHARUS mut

RPCP/CHARUSAT/Note submitted to the Provest CHARUSAT/ Teacher's Training -\$ immer Vacation 2015

- All faculty members of RPCP are involved in the research as project supervisors for M.Pharm dissertation projects and some for the PhD research projects. The research project generally ends up with a thesis, research articles, presen ations and in some cases a patent. It is desirable to add a new dimension to the research carried out / to be carried out. This dimension is to find out market potential of the research, which may lead to innovation-based entrepreneurship. This too requires training in intrepreneurship.
- Faculty members need to think like a intrapreneur. It is also net d of time, since he / she is involved/ may get involved in consultancy projects and related activities. This is possible when some minimum essential training is provided.



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#### Ramanbhai Patel College of Pharmacy Charotar University of Science and Technology

Two weeks Faculty Development Program 15-27 June, 2015

#### REPORT

#### Week 1: Workshop on Scientific Writing, 15-20 June, 2015

The workshop was planned as per the attached schedule (Annexure-I) and executed in the same timeline.

Day 1: Mr. Mehul Patel and Dr. Balaram Gajra narrated briefly about the Workshop as well as short term training programme, respectively. Followed by submission of the documented plan of the week especially the research paper to be prepared for the journal with impact factor above 0.5 as per the plan. The submitted documents are attached as annexure – II. A session on "Research and innovation" was c9onducted by honorable Provost, CHARUSAT, Dr. B.G. Patel.

**Day 2:** Dr. Balaram Gajra shared his experiences as a reviewer as well as author. Session 2,3 and 4 were spent for writing and preparing the research paper.

**Day 3:** Dr. Vijay Parmar shared his experiences as a reviewer as well as outhor. Session 2,3 and 4 were spent for writing and preparing the research paper.

**Day 4:** Dr. Manan Raval shared his experiences as a reviewer as well as author. Session 2,3 and 4 were spent for writing and preparing the research paper.

**Day 5:** Four sessions were conducted by Dr. Mira Desai, Professor and HOD, Department of Pharmacology, B.J. Medical College, Ahmedabad. The titles of sessions 1.2,3 and 4 were "Types of publications and structure of scientific paper", "Interactive session", "How to write a scientific paper and selection of Journal", and "Critical evaluation of a research paper", respectively.

Day 6: shared her experiences as a reviewer as well as author. The propared manuscript was submitted to the journal and proofs of the manuscript submission was provided and the workshop was concluded by experience sharing.

The copies of invitation letters to the speakers are attached as annex ire-III. The report of financial summary along with the vouchers and bills is attached as annexire-IV. The attendance of participants is attached as annexure-V.





Page 1 of 2

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RAMANBHAI PATEL COLLEGE OF PHARMACY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Workshop on Scientific Writing 15-20 June 2015 Participants: RPCP faculty members

Saturday 20/06/2015	Friday 19/06/2015	Thursday 18/06/2015	Wednesday 17/06/2015	Tuesday 16/06/2015	Monday 15/06/2015	Day & Date
Experience sharing By RPCP faculty member as reviewer	Experience sharing By RPCP faculty member as reviewer	Experience sharing By RPCP faculty member as reviewer	Experience sharing By RPCP faculty member as reviewer	Experience sharing By RPCP faculty member as reviewer	Brief about workshop Dr. Balaram Gajra Mr. Mehul Patel	Session-I 9:30 - 10:00
Preparation for submission	Types of publication and structure of a scientific paper Speaker: Dr. Mira Desai	Research Paper writing	Research Paper writing	Research Paper writing	Documents submission (related to research paper writing)	Session-II 10:00 - 11-00
Submission of proof of the research paper uploading / submission to journal	Interaction Session Speaker: Dr. Mira Desai	Research Paper writing	Research Paper writing	Research Paper writing	Research Paper writing	Session-III 11:15 - 12-30
Experience sharing & Interaction With Valedictory	How to write a scientific paper and selection of a journal Speaker: Dr. Mira Desai	Research Paper writing	Research Paper writing	Research Paper writing	Research & Innovation Speaker : Dr. B. G. Patel 2:30 - 3:30	Session-IV 1:30 - 2:45
g & Interaction edictory	research paper- interactive session Speaker: Dr. Mira Desai	Research Paper writing Critical evaluation of a	Research Paper writing	Research Paper writing	Research Paper writing	Session-V 3:00 - 4:15

Ŧ

Note:

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Lunch break: 12:30 – 1:30 Breaks: 11:00 – 11:15 & 2:45 – 3:00

Venue for the sessions with speaker is Conference Room, RPCP.

Dr. R. H. Parikh Principal – RPCP

Organizing Secretary - Workshop Dr. Balaram Gajra



Mr. Mchul Patel Coordinator - Workshop

## CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY RAMANBHAI PATEL COLLEGE OF PHARMACY

## Participants: RPCP faculty members Workshop on Scientific Writing 15-20 June 2015 Attendance Record

14	13	12		H	10	9	~	7	6	5	4	3	2	-	Sr No.
	Ms. Pooja Aboti	Dr. Anuradha Gajjar	Dr. Gaytri Patel	Dr. Vijay Parmar	Dr. Balram Gajra	Ms. Mansi Paradkar	Mr. Mehul Patel	Dr. Samir Patel	Mr. Nilay Solanki	Mr. Ravish Patel	Ms. Jalpa Suthar	Dr. Manan Raval	Mr. Amit Patel	Ms. Payal Shah	Name of faculty member
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ig	~		~	~	~	~	2	~		2	2	~		- J	Saturday 20/06/2015

Note: -

- Lunch break: 12:30 1:30 Breaks: 11:00 11:15 & 2:45 3:00
- ŝ Venue for the sessions with speaker is Conference Room, RPCP.

B

Principal - RPCP Dr. R. H. Parikh

Dr. Balaram Gajra Organizing Secretary - Workshop



Mr. Mehul Patel

Coordinator - Workshop



Workshop on Scientific writing skills for quality Publications (15-20 June 2015)



Short Term Training Programme in Entrepreneurship (22 to 27 June 2015)

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#### Ramanbhai Patel College of Pharmacy CHARUSAT-CHANGA

Date: 27/05/2015

Page 1 77

#### CIRCULAR

Subject: Teachers' training during summer vacation 2015. Ref.:

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2	Short term training programme in Entrepreneurship	22-27 June 2015: 6 days	Dr. Balaram Gajra

Overall coordination will be done by Dr. Balaram Gajra.

Brief information about these two programs is enclosed with this circular. (Enclosure-V) All are requested to take note of it as well as comply with it.

Virk R.H.Parikh Principal - RPCP

Charotar University of Science & Technology Mall - Proposal for Summer Trai ting

Page 1 of 1 Enclosure-1

Page 2 97



RH Parikh <rhparikh ph@charusat.ac.in>

#### Proposal for Summer Training

Registrar CHARUSAT <registrar@charusat.ac.in>

Sat, Apr 18, 2015 at 11:49 AM

To: Amit Ganatra <amitgenatra.ce@charusat.ac.in>, Atul Patel <atulpatel.mca@charusat.ac.in>, Govind Dave <govinddave.mba@charusat.ac.in>, RH Parikh <rhparikh.ph@charusat.ac.in>, Dr. R V Upadhyay" <nvu.as@charusat.ac.in>, "Dr. Bala Ganapathy" <balaganapathy.phy@charusat.ac.in -, Anil sharma <aniisharma.nur@charusat.ac.in>, "Dr. Tapaskumar Chaudhuri" <Tkchaudhuri.rnd@c tarusat.ac.in>, Parth Shah <parthshah.ce@charusat.ac.in>, Trushit Upadhyaya <trushitupadhyaya.ec@ch: rusat.ac.in>,

Pragnesh Bhatt pragneshbhatt.ee@charusat.ac.in>, Vijay Chaudhary
<vijaychaudhary.me@charusat.ac.in>, "Dr. A V Thomas" <avthomas.cv@charusat.ac.in>, Hiranmoy Neogi
<hiranmoyneogi.hrdc@charusat.ac.in>

Cc: Hashmukh Patel shasmukhpatel.adm@charusat.ac.in>, "Dr. Harish Desal"

<harishdesai.adm@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charus.it.ac.in>, Darshan Patel <darshanpatel.adm@charusat.ac.in>, dipal sukhadiya <dipalsukhadiya.adm@cl arusat.ac.in>

#### Dear Sir(s).

As discussed in the HR Committee meeting held on 24th March 2015 the Teachers Training Program to be conducted in Summer Vacation 2015. Kindly find the details as mentioned below:

Trainings are to be considered for:

(A) Technical & Domain Knowledge Training (DKT) of their field : 5 days

More than 5 days may be considered for the Teachers, who are on probation period

- (B) Soft Skills & Attitude Training (SST) :3 days
- (C) Industrial Exposure Training (IET) : 6 days

General:

- The Principal's /HoDs are requested to interact with teachers and identify the training needs and . objective for both Domain Knowledge and Soft Skills.
- IET and DKT are to be executed by the Institute. Principal may please take 1 ote of this.
- SST: This will be informed later on by HRDC.

You are requested to submit the training plan of teachers of your institute by 30.04.2015.

Thanks & Regards,

Devang Joshi Registrar

Enclosure -II

#### Ramanbhai Patel College of Pharmacy CHARUSAT-CHANGA

Date: 13/05/2015

#### NOTE

#### Submitted to,

#### The Provost-CHARUSAT

#### Through,

#### The Registrar-CHARUSAT

As per email dated 18<sup>th</sup> April 2015 (Enclosure 1), teachers at RPCP are expected to undertake training as per following details.

A. Technical & Domain knowledge Training (DKT) of their field: 5 tays

B. Soft Skills & Attitude Training (SST): 3 Days

C. Industrial Exposure Training (IET): 6 Days

We propose and seek your approval to organize following two faculty development programmes for RPCP faculty members in lieu of training suggested by CHARUSAT.

Sr. No.	Title of FDP	Date & Duration	Coordinator
1	Workshop on scientific writing	15-20 June 2015: 6 Days	Mr. Mehul Patel
2	Short term training programme in Entrepreneurship	-	

Brief information of above two programs is attached as Enclosure 2.

We shall provide budgetary details after receiving approval in principle from CHARUSAT.

R.H. Parikh Principal, RPCP



Page 1054

Enclosure-UL

5/19/2015

Charotar University of Science & Technology Mail - Regarding Proposal to or anize FDP for RPCP faculty

IARUSA

RH Parikh <rhparikh.ph@charusat.ac.in>

#### Regarding Proposal to organize FDP for RPCP faculty

Registrar CHARUSAT <registrar@charusat.ac.in> To: RH Parikh < hparikh.ph@charusat.ac.in>

Mon, May 18, 2015 at 2:54 PM

Cc: Hashmukh Patel <hasmukhpatel.adm@charusat.ac.in>, Rajendra Solanki <rajendrasolanki.adm@charusat.ac.in>

Dear Sir,

This is with reference to your proposal to seek permission to organize faculty development program for RPCP faculty members in lieu of training by Chaursat. You may please take note as unier :

- Your proposal has been approved in Principle by the Provost.
- Provide the budgetary details to organize the said FDP for the faculty of F PCP.

Thanking You, -

**Devang Joshi** Registrar

To Do. Balassan /Ho. Mehrij Jor n/a 19/05/2015



Enclusive -TV

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#### RAMANBHAI PATEL COLLEGE OF PHARMACY

#### CHAROTAR UNIVERSITY OF SCIENCE AND TECHN JLOGY

Date: 21/04/2015

Paye 5 97

#### CIRCULAR

This is to inform all the faculty members that the summer vacation for the year 2015 will be given in two phases. The phases are as under:

Phase	Duration	No. of weeks
1	18/05/2015 to 27/06/2015	06
2	25/05/2015 to 04/07/2015	06

Each faculty is requested to provide preference in the enclosed Annexure 1 by 12.00 noon on 23/04/2015 (Thursday).

It is also to be noted that

> 14 days period between 14/06/2015 (Sunday) to 27/06/2015 (Saturday) should be dedicated for

training of the faculty as per CHARUSAT norms! [Enclosure 1]

> Faculty members registered for Ph.D programme of CHARUSAT shall observe guidelines issued

by CHARUSAT for the purpose of vacation [Enclosure 2].

(R. H. Parikh)

Principal



RPCP/CHARUSAT/Note submitted to the Provost-CHARUSAT/ Teacher's Training Summer Vacation 2015

Enclosure

#### i. Viurishop on scientific writing:

All faculty members of RPCP are involved as project supervisors for M.Pharm dissertation projects. It is desirable / essential that research carried out as part of M.Pharm programme as well as Ph.D. programme gets published as research papers. One of the constraints associated with research paper writing is non-availability of focused approach due to involvement of faculty in routine teaching- learning as well as administrative work. In addi ion, it is also desirable to provide guidance to faculty members with reference to various facets of research paper publication.

So, it is proposed to organize a workshop where faculty members car learn the skills of quality publication. Our plan is to call two to three experts as speakers and rest of the time will be devoted for actual paper writing by faculty members. One of the cutcomes of the proposed workshop will be submission of at least one research paper by each faculty member in a journal having impact factor of minimum 0.5. Submission will be done on/or before the last day of the workshop. Each faculty member will submit the proof of research paper submitted. Research paper submitted will be based on research work carried out at RPC P. Faculty members will remain present in the institute throughout the duration of workshop.

2. Short term training programme in Entrepreneurship:

To imbibe the meaning of the term entrepreneurship, a dedicated trainir g is required. In addition, at RPCP there are some more specific reasons to train faculty meml ers for entrepreneurship. These reasons are enumerated here.

 B.Pharm curriculum has a course titled "Entrepreneurship for F narma Professionals with total 9 credits divided in to three components: Theory (3 crecits), Practical (3 credits) and Project (3 credits). Theory and practical components are conducted by the faculty members of RPCP and IIIM. Whereas project which is a Bus ness Plan preparation is conducted by RPCP faculty members. A group of students is given to faculty member for guiding the project i.e. preparation of business plan. This re puires training of faculty members.

CHARUS mut

RPCP/CHARUSAT/Note submitted to the Provest CHARUSAT/ Teacher's Training -\$ immer-Vacation 2015

- All faculty members of RPCP are involved in the research as project supervisors for M.Pharm dissertation projects and some for the PhD research projects. The research project generally ends up with a thesis, research articles, presen ations and in some cases a patent. It is desirable to add a new dimension to the research carried out / to be carried out. This dimension is to find out market potential of the research, which may lead to innovation-based entrepreneurship. This too requires training in intrepreneurship.
- Faculty members need to think like a intrapreneur. It is also net d of time, since he / she
  is involved/ may get involved in consultancy projects and r lated activities. This is
  possible when some minimum essential training is provided.



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Week 2: Short term training programme (STTP) in entreprenureship. 21-27 June, 2015

The training programme was planned as per the attached schedule (Annexure-VI) and executed in the same timeline.

Day 1: Entrepreneurship Awareness Camp was organized on the first day. Prof. Chandramauli Pathak and Prof. Ajay Dixit were the resource persons. The essence o' the day includes the entrepreneurial motivation, importance of entrepreneurship Development cells and its activities. It was a very interesting experience for all the participants.

Day 2: The first session was conducted by Dr. Bhavesh Patel, Partner, YDIK Nature Care Products Pvt. Ltd. on the title "Entrepreneurial Opportunities in Pharma Sector". Followed generation of business idea in groups. The business idea was converted in to the business proposal and presented in front of reviewers. Dr. Govind Dave and Dr. R.H. Parikh were provided their services as reviewers.

Day 3: "Working on the business Plan", divided in four sessions conducted by Dr. Raju Rathod, Associate Professor, G.H. Patel Institute of Business Management, VVnagar.

Day 4: The whole day was consisted of "Assessment of Business Plan". Case studies on the business plan were discussed by Dr. Raju Rathod. Followed by preparation and presentation of the business plan in groups.

Day 5: Dedicated on the "Entrepreneurship Education and syllabus deve:opment". Dr. Balaram Gajra shared the research conducted by Prf. Sunil Shukla and his team at EDI, Gandhinagar. Followed by reflections on the existing syllabus of EPP, preparation of new syllabus and presentation group.

Day 6: Under the title of "Interaction with Pharma entrepreneur", Mr. Nisarg Mavani (RPCP alumnus), Qualitron Chemicals shared his entrepreneurial journey. He also shared about Pharmaceutical export. Followed by the valedictory.

The copies of invitation letters are attached as annexure-VII. The report of financial summary alongwith the vouchers and bills is attached as annexure-VIII. The attendance of participants is attached as annexure-IX.

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Page 2 of 2

# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY **RAMANBHAI PATEL COLLEGE OF PHARMACY**

## Short Term Training Programme (STTP) in Entrepreneurship 22-27 June 2015 Participants: RPCP faculty members Attendance Record

Name of faculty memberMonday 22/06/2015Inestay 23/06/2015Member 23/06/2015Member 24/06/2015Ms. Payal ShahVVVVVVMr. Amit PatelVVVVVVDr. Manan RavalVVVVVVVMr. Amit PatelVVVVVVVMr. Ravish PatelVVVVVVVMr. Ravish PatelVVVVVVVMr. Samir PatelVVVVVVVMr. Mehul PatelVVVVVVVMr. Masi ParadkarVVVVVVVDr. Gaytri PatelVVVVVVVDr. Gaytri PatelVVVVVVVMs. Pooja AbotiVVVVVVV	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
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24/06/2015 24/06/2015 24/06/2015 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

Note:

- Lunch break: 12:30 1:30
- -2 Breaks: 11:00 - 11:15 & 2:45 - 3:00
- w Venue for the sessions with speaker is Conference Room, RPCP.

B

Dr. R. H. Parikh Principal - RPCP

Dr. Bataram Gajra Organizing Secretary - Workshop



Coordinator - Workshop Mr. Mehart Patel てや


Workshop on Scientific writing skills for quality Publications (15-20 June 2015)



Short Term Training Programme in Entrepreneurship (22 to 27 June 2015)



Dr. Niraj Vyas <nirajvyas.ph@charusat.ac.in>

## **RPCP/FOP Endowmend chair**

Kunti Raskapur <kuntiraskapur.ph@charusat.ac.in> To: rpcp@charusat.ac.in Wed, Jul 29, 2015 at 2:53 PM

Dear all,

As per our meeting related to CHARUSAT Endowment Chair at RPCP, scheduled on 14-16th September 2015, we would like to invite you for the interactive sessions on the 1st and 3rd day of the program.

I am attaching the schedule, kindly go through the same. We welcome talk from RPCP faculty members who would like to interact about their research work or experience related to the topic of the session.

1] Day 1: session II: 12:15 to 12:40 pm collective interaction with faculty

- 2] Day 1: session III "Academic research and enterpreneurship" interaction 2:25-2:35 pm
- 3] Day 1: Session IV: "academic publications: Whats important" 3:40-3

4] Day 3: Session V: "Advances in oral drug delivery systems": 10:30 -10:40 am

5] Day 3: Session VI: "Nanoparticulate based drug delivery systems" 12:35-12:45 pm

Kunti A. Shah Assistant Professor M.Pharm, Quality Assurance Ramanbhai Patel College of Pharmacy CHARUSAT +91-9974038766

Schedule.doc
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# RAMANBHAI PATEL COLLEGE OF PHARMACY CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

## REPORT

On

CHARUSAT ENDOWMENT CHAIR at Faculty of Pharmacy

Date: 14-16 September, 2015

## **About CHARUSAT Endowment Chair**

### Meaning:

The Endowment Chair is an endowment fund created by CHARUSAT. The interest accrued from the fund shall be used in carrying out academic enriching activities.

### **Purpose:**

The Endowment Chair is established with a purpose to promote academic activities as well as to promote excellence in research and innovation. It is expected that such interaction would light the spark in the minds of the faculties and students and persuade them to innovate and research.

### About CHARUSAT Endowment Chair at FOP-RPCP

Dr.Samir Mitragotri, Professor, Department of Chemical Engineering, University of California Santa Barbara, USA was invited as a resource person under the CHARUSA F Endowment chair. Out of three days, 2 days were reserved for interaction of RPCP faculty members, students and Alumni of RPCP with Dr.Samir Mitragotri.

One day (15<sup>th</sup> September, 2015) was reserved for organizing of National Seminar on "Translational Research in Pharmaceutical Drug Development". The key area for the seminar included Drug Discovery and Drug Delivery wherein the focus of the sem nar was translation of the Pharmaceuticals from Bench to Bed.

## **Biography of Dr. Samir Mitragotri**

Prof. Samir Mitragotri Department of Chemical Engineering University of California Santa Barbara, CA 93106 samir@engineering.ucsb.edu	<ul> <li><u>Positions Held</u></li> <li>Professor, Dept. of Chemical Engineering</li> <li>Founding Director, Center for Bioengineering</li> <li>Director, Translation I Medical Research Laboratories</li> <li><u>Web:</u> http://drugdelivery engr.ucsb.edu/</li> </ul>
---	--

Dr.Samir Mitragotri is an Indian American Professor at the University of California, Santa Barbara. He received his Ph.D. in Chemical Engineering, 1996 at MIT and B.S. in Chemical Engineering from the Institute of Chemical Technology, Mumbai, 1992. This renowned personality is an inventor, an entrepreneur, and a researcher in the fields of drug delivery and biomaterials.

He is the Founding Director of the UC Santa Barbara Center for Bioengineering. The Translational Medical Research Laboratories is fortunate enough to have him as its director with his apprehensive experience.

Dr. Mitragotri's key inventions include technologies that make it possible to deliver medicines into the body with-out using needles like skin patches, topical gels, or ora pills.

He has developed different administration of vaccines such as sonophores is and needle-free jet devices like liquid jet injector. He has also designed a new class of pept des that can facilitate entry of medicines into skin cells. Research in the Mitragotri laboratory is also focused on the engineering of synthetic red blood cells and platelets.

Dr. Mitragotri serves on the editorial boards of several journals and currently serves as an Associate Editor of Journal of Controlled Release. He has published over 170 peer reviewed journal articles, and a co inventor in over 30 issued and pending patents.

Dr. Mitragotri has been honored by the following Awards namely Fellc w, Controlled Release Society(CRS) (2015);Andreas Acrivos Award for Professional Progress, American Institute of Chemical Engineers (AIChE) (2015) ;Member, National Academy of Engineering (NAE) (2015) ;Fellow, National Academy of Inventors (NAI) (2013); Fellow, American Association for the Advancement of Science (AAAS) (2012); Fellow, American Institute for Medical and Biological Engineering (AIMBE) (2010) and more.

### **Distinguished Speakers of the Seminar**



Dr. Jayesh R. Bellare Professor, Chemical Engineering Ex-Head, Bio School, Indian Institute of Technology, I.I.T. Powai, Mumbai - 400 076 India jb@iitb.ac.in

Dr. Jayesh Bellare is "Institute Chair Professor" of Chemical Engineering at the Indian Institute o Technology, Bombay. He is an elected Fellow of the Vational Academy of Science, India, the Indian National Academy of Engineering, The Maharashtra Acac emy of Sciences, and the Electron Microscopy Society of India. He did his schooling at Bombay Scottish School, Mahim, Mumbai, followed by a B.Tech in Chemical Engineering from IIT Bombay, a PhD in Chemical Engir eering and Materials Science from University of Minnesota, USA, and Post-Doctoral work at M.I.T., USA. He was the first Head of IITB's Department of Biosciences ard Bioengineering. He is also with IITB's Nanotechnology Center. He has more than twenty years of worldvide experience in nanotechnology, cryoelectron microscopy, hollow-fiber membranes, nanomedicines and bicmedical devices. He is a consultant to several industries, advisor to many Government panels, and has served on the board of directors of two companies. He has numerous publications, patents and awards, including the Distinguished Visiting Professorship at the University of Minnesota, USA and the National Academy-Reliance Platinum Jubilee Award for application-oriented research. He is the inventor on nine patents (three granted), two of which are being commercially used.



Scientist D , Laboratory for Nanomedicine, Institute of Life Sciences Nalco Square, Bhubaneswar, 751023, Orissa, India. sanjeebsahoo2005@gmail.com

Dr Sahoo is a scientist at the Inst tute of Life Sciences. Bhubaneswar, India since 2005. He received his M.Sc. degree in 1994 and Ph. D in 1999 rom the University of Delhi, Delhi. He served as a JSPS Postdoctoral fellow at the Department of Microbiology, School of Medicine, Kumamoto University, Kumamoto, Japan from 1999-2001. This was followed by a four year postdoctoral fellowship at the Nebraska Medical Centre, Omaha, USA from 2001-2005 including a 2 years fellowship from American Heart Association. Scientific Contributions include over more than 76 peer reviewed research papers including review articles and book chapters in leading scientific journals of the utmost quality in this field, such as Biomaterials, Future Nanomedicine, Molecular I harmaceutics, Cancer Research, International Journal of Cancer, Journal of Controlled Release and many more. Dr Sahoo has been granted two US patents; one EU patent on Nanotechnology based targeted drug and gene delivery. He is one of the experts in the field of Nanotechnology based drug delivery system mainly in the field of Cancer. Scientific and Professional Activities includes, Editorial board member of International Journal of Green Nanotechnology, Taylor & Francis, USA, Nanomedicine: Nanotechnology, Biology and Medicine, Journal of Nanoscience Letters, Recent Pater ts on Nanomedicine, Clinical & Experimental Pharmacclogy, Serving Section Editor (cancer section) of Current Pharmaceutical Biotechnology and members of different scientific organizations.



Dr. C. T. Rao Senior Vice President Head of Medicinal Chemistry Sun Pharma Advanced Research Centre, Baroda



Scientist E, NCR biotech science cluster, Faridabad. Dr C T Rao is Senior Vice President & Head of Medicinal Chemistry at Sun Pharma Advanted Research Centre, Baroda, where he has been associated at several positions in the past twenty years.

Dr Rao isa PhD from IIT Kanpur in synthetic organic chemistry, and has done postdoc:oral research at the National Institutes of Health, USA in macromolecular chemistry.

At SPARC Dr. Rao is involved in research for about 20 years which includes initially process research and lately in the design and development of new molecular entities. His group has commercialized several processes for the API's and has invented several new molecular entities, including S0597, a soft steroid which is currer tly in Phase IIB clinical trials.

Dr Rao has around50 patents and has authored/coauthored 20 publications in peer reviewed journals. Before joining SPARC, Dr Rao was associated with GlaxoSmithKline at Thane as Group Leader for R&D in process chemistry.

Rajkumar is currently working as a Scientist E in Drug Discovery Research Centre at Translational Health Science and Technology Institute, Faridabac, India, focusing on to control cell fate using small organic molecules and natural products to prevent and/or cure n etabolic disorder and infectious diseases. He also focuses on to prolong the healthy living through establishing and using the cocktail of natural products. He completed his Ph. D. in Organic Chemistry from University of the Basque Country, Spain. He did his postdoctoral research from The Scripps Research Institute, Department of Chemistry and the Skaggs Institute for Chemical Biology, La Jolla, California, Max-Planck-Institute for Coal Research, Muelheiman der Ruhr, Germany. Rajkumar has two and half years of Pharmaceutical Industry Experiences at Novartis (GNF), San Diego, CA, USA on drug discovery for drug resistant and persistent mycobacterium Tube culosis.

# Day 1: September 14, 2015, Monday

10:45 - 11:00	Introductory words by Dr. R.H.Parikh			
	Address by Dr. Samir Mitragotri			
11:00 - 12:00	Session – I	Sub-session 1: Introduction of Dr Samir Mitragotri: 11:00 – 11:10 Sub-session 2: Talk by Dr. Samir Mitragotri- Who we are and wha we do? 11:10 – 11:30 (Target audience B.Pha m students) Sub-session 3: Interaction and Question-Answer with students: 11:30 – 12:00		
12:00 - 12:10		Break		
12:10 - 12:45	Session – II	Sub-session 4: Talk by Dr. Samir Mitragotri on "Academic Research and Entrepreneurship" : 12:10-12:30 Sub-session 5: Interaction post-presentation with entire audience 12:30-12:45		
12:45 - 1:15	Session – III	Sub-session 6: Talk by Dr. Gayatri Patel & Mr. Chintan Dalwadi on "Thermogelling compositions of methyl cellulose: Preparation, Characterization and Application" 12:45-1:0:5 Sub-session 7: Feedback by Dr. Samir Mitrago:ri: 1:05-1:15		
1:15 - 2:00		Lunch Break		
2:00 - 2:15	Session – IV	Sub-session 8: Talk by Ms Bhagyeshree E hatt on "Bioavailability enhancement of BCS Class IV drug Furosanide by development of Buccoadhesive film": 2:00-2:10 Sub-session 9: Feedback by Dr. Samir Mitragotri: 2:10-2:15		
2:15-2:25		Break		
2:25-3:05	Session – V	Sub-session 10: Talk by Dr. Samir Mi ragotri on "Academic Publications: What's important?" : 2:25-2:4! Sub-session 11: Interaction post-presentation with entire audience 2:45-3:05		
3:05-3:35		Interaction with faculty members & Tea E reak		
3:35 - 3:50	Session – VI	Sub-session 12: Talk by Ms. Arpita Patel on "Uterine targeting of some drugs for the treatment of fribroids and endometriosis via vaginal route": 3:35-3:45		
3:50 - 4:50	Session – VII	Sub-session 13: Feedback by Dr. Samir Mitrag ptri: 3:45 – 3:50 Sub-session 14: Talk by Dr. Samir Mitragotri c n "Advances in oral drug delivery systems" 3:50 - 4:30 Sub-session 15: Interaction post-presentatic n with entire audience: 4:30 - 4:50		
50 Onwards		Planned one to one interaction		

9:00-9:30		Breakfast	
9:30-10:25	Session – VIII	Sub-session 16: Talk by Dr. Samir Mitragotri on "Nanoparticulate based drug delivery systems"9:30-10:15 Sub-session 17: Interaction post-presentation with entire audience: 10:15-10:25	
10:25-10:45	Session – IX	Sub-session 18: Talk by Ms. Payal Shah on "Preparation of PLGA nanoparticles of Quetiapine Fumerate for brain targeting" : 10:25- 10:35 Sub-session 19: Feedback by Dr. Samir Mitragotri: 10:35-10:45	
10:45-11:05	Session – X	Sub-session 20: Talk by Ms. Avani Choksi on " Designing of some novel squalene synthase inhibitors as cholesterol lowering agents": 11:50-12:00 Sub-session 21: Feedback by Dr. Samir Mitragotri: 12:05-12:15	
11:05-11:20	Tea Break		
11:20-11:35	Planned one to	one Interaction	
11:35-11:50	Session – XI	Sub-session 26:Talk by Dr. Samir Mitragotri on "Doctoral(PhD) and Postdoctoral Programmes in : Fellowships, R search guide expectations and related issues" : 12:15-12:25 Sub-session 27: Interaction post-presentation with entire audience: 12:35-12:45	
11:50-12:10	Session – XII	Farewell and Concluding Remarks	
	NETWORKING LUNCH		

# Day - 3: September 16, 2015, Wednesday

### **CHARUSAT ENDOWMENT CHAIR**

## **Faculty of Pharmacy**

## Date: 14-16 September, 2015

Participants: RPCP faculty members & Ph D Scholars

Attendance Record

Sr No.	Name of faculty member	September 14, 2015, Monday		September 16, 2015, Wednedsay	
1	Ms. Payal Shah	V	1	1	V
2	Mr. Amit Patel	V	1	V	1
3	Dr. Manan Raval	1	1	V	1
4	Ms. Jalpa Suthar	1	1	V	V
5	Mr. Ravish Patel	1	1	V	V
6	Mr. Nilay Solanki	1	1	V	1
7	Dr. Samir Patel	1	1	V	V
8	Mr. Mehul Patel	V	1	V	V
9	Ms. Mansi Paradkar	V	V	V	V
10	Dr. Balaram Gajra	V	1	V	V
11	Dr. Vijay Parmar	V	1	V	V
12	Dr. Gayatri Patel	V	1	V	V
13	Dr. Anuradha Gajjar	V	1	V	V
14	Ms. Pooja Aboti	V	V	V	1 V
15	Mr. Dharmang Pandya	1	V	1 j	1 1
16	Ms.Kunti Shah	1	V	1 j	1 V
17	Ms. Jagruti Prajapati		V	J	1 V
18	Mr. Umang Shah	1	1 V	j	1 j
19	Dr. Sandip Patel	1 V	1	1 V	
20	Me Avani Chakehi	1	1 1	1 1	
21	Chintan Dalwadi	1 j	1 J	1 7	1 1
22	Rutu Patel	J J	1 j	1	1
23	Ketan Varia	j	1	1	1
24	Milap Patel	j	1		
25	Sanket Patel	1 J		N	
26	Gopi Shah	1		1 J	

Note:

1. Venue for all the sessions: Conference Room, RPCP.



Dr Gayatri Patel Organizing Secretary

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CHARUSAT ENDOWMENT CHAIR (14-16 September, 2015)



# CHARUSAT ENDOWMENT CHAIR (14-16 September, 2015)





# Principal

Ramanbhai Patel College of Pharmacy Charolar University of Science & Technology CH-RUSAT Campus Changa-388 421 Page 124

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### **Organizing Committee**

### Patrons:

- Shri Surendrabhal Patel, President "CHARUSAT & Kelavani Mandal
- + Dr. M.C. Patel, Han. Secretary Kelavani Mandal

 Dr. B. G. Patel, Provost - CHARUSAT Registror;

\* Mr. Devana Joshi

Principal - RPCP, Dean - Faculty of Pharmacy

· Dr. R.H. Parikh

Event Coordinator:

Mr. Mehul Patel, Assistant Professor, RPCP

Organizing Members:

- Dr. Gayatri Patel, Associate Professor, RPCP
- \* Ms. Kunti Shah, Assistant Professor, RPCP

### **Registration Details**

### **Participation Details**

Registration Fees

 M. Pharm, Ph. D Scholars, Graduate & Post Graduate 500 INR Medical & M.Sc. Students
 RPCP Alumni 500 INR

Academician	1000 INR
Person from Industry	2000 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:**

30<sup>th</sup> August, 2015

Note:

- Registration fee do not include transportation and accommodation charges. For any assistance related to transportation and accommodation in hostel/other than hostel, please contact Mr. Milap Patel on milappratel@yahoo.com
- For any assistance related to Registration please contact to Ms. Copursition on ghshah 172136/gmail.com
- Contact us on +91-9879247492 / rpcp.translational@gmail.com for any further information.



Ramanbhai Patel College of Pharmacy

Organizes

# National Seminar on Translational Research in Pharmaceutical Drug Development

15th September,2015

Under the auspices of CHARUSAT Endowment Chair at Faculty of Pharmacy



### Supported By



Page 125



**American Association of** Pharmaceutical Scientists

### Charotar University of Science and Technology [Constituted under Gujarat Act No. 8 of 2009]

President: Shri Surendra Patel | Provost: Dr. B.G. Patel

Aegis: Shri Charotar Moti Sattavis Patidar Kelavani Mandal President: Shri Surendra Patel I Hon. Secretary: Dr. M.C. Patel

Ramanbhai Patel College of Pharmacy (A constituent institute of Charotar University of Science & Technology) Charotar University of Science and Technology CHARUSAT Campus ,Changa - 388 421 Ta. Petlad, Dist Anand, Gujarat, INDIA Phone: 02697 - 247500 I Fax: 02697 [247100 E-Mail:rpcpgen@charusot.ac.in | Website: www.rpcp.ac.in

### About CHARUSAT



Charotar University of Science and Technology (CHARUSAT) is promoted by Shri Charotar Moll Sattavis Patildar Kelavani Mandai. It is exteblished under Gujarat Act No. 8 of 2009, Govt, of Gujarat. CHARUSAT is sprawling over 100 acres of land with ultramodern facilities for teaching, learning, research, sports, health care, student housing, tood, banking, transportation, etc. CHARUSAT campus - Changa has received 'The Green Campus Award'. CHARUSAT currently offers professional education in Engineering, Pharmacy, Computer Application, Business Management, Applied Sciences, Physiotherapy and Nursing.

### **Constituent Institutes of CHARUSAT:**

- Chandubhal 5. Patel Institute of Technology (8. Tech. M. Tech. Ph. D Programs)
- Smi. Chandaben Mohanbhai Patel Institute of Computer Applications (MCA, M, Sc. (II) & Ph. D Programs)
- Romanbhai Patel College of Pharmacy (8. Pharm., M. Pharm., MPM & Ph. D programs)
- Indukaka ipcowala Institute of Management (MBA, FGDM & Ph. D Programs)
- . P. D. Patel Institute of Applied Sciences (M. Sc., M. Phil & Ph. D Programs)
- Ashok and Rita Patel Institute of Physiotherapy (MPI, MPI & PhD Programs)
- Manikaka Topawala Institute of Nursing (8. Sc. (Nursing), GNM & Ph. D Programs)
- Charotar Institute of Paramedical Sciences (FGDMLT and FGPHA)
- . Dr. K. C. Patel R & D Center (Nanotechnology and R & D)
- Pri. B.I. Patel Human Resource Development Center (HRDC)
- Charusal Space Technology Center
- Charusat Rural Education Development Cell

### About RPCP

Ramanbhai Patel College of Pharmacy (RPCP) is a constituent institute of Charotar University of Science & Technology. The college was established in the year 2004 under the management aegis of Shri Charotar Moti Sattavis Patidar Kelavani Mandal. It was sponsored by Ramanbhai Foundation and is patronized by Shri Pankaj Patel, Chalmann and MD, Zydus Cadilla Hatithcare Ltd. Shri Pankaj Patel – a philanthropisi and a distinguished pharmacist of India requested the trust to establish a pharmacy Institute to commemorate his father Late Shri Ramanbhai Patel.



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Ramanbhal Patel College of Pharmacy (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, Quality Assurance, Clinical Pharmacy, Pharmacology & techcology and Pharmaceutes (urby regulatery Attack) and Fn.D. program. M. Pharmacy at Programmes are offered under auspices of T. P. Patel Center for PG Studies in Pharmacy at RPCP. The institute is equipped with latest instrumentation facilities including Fluidized Bed Dryer, Extruder, Spheronizer, Tablet Compression Machine, Lyophilizer, High Speed Homogenizer, Spray Dryer, Probe Sonicator, Gel Electrophoresis, HPLC, HPTLC, BIOPAC System, Spectrofiourimeter, , Cell culture laboratory and State of the art Aseptic Lab complying with industry norms.

### About CHARUSAT Endowment Chair

- CHARUSAT has a mission to serve the society by striving to transform it through creation, augmentation, dissemination and perpetuation of knowledge. It has an ambitious vision of becoming a world class university. Some of means adopted by CHARUSAT to achieve its vision of becoming a global university are: Development of its teachers, Attracting world class faculty, Fostering research & innovation, imbibling constant innovation in pedagogy, Benchmarking with best practices of the world and Networking with exemplary Faculty/ institutie.
- Its with these aspirations, CHARUSAT has initiated establishment of Endowment Chair(s).

### About Seminar

Today 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 into better drugs. Distinguished lectures and information exchange will be the halimark of the seminar. The scope of seminar is to unveil the novel developments and explore the ideas and realities through practical experiences of the speakers. We believe that collaborations across the healthcare systems are important in accelerating the pace of innovation for developing new pharmaceutical products for improving patients' lives.

### Seminar Key features

- Key focus area: Drug Discovery and Drug Delivery
- Renowned scientist as keynole speaker
- Discussion on application of new drug discovery technology and new drug delivery technology in pharmaceutical research.
- Networking Session

### **Eminent Speakers**



Dr. Samir Mitragotri Professor, Chemical Engineering, University of Colifornia, Santa Barbara, USA.

Founding director of center for Bio engineering, USA Director of Translational Medical Research Laboratory, USA

Dr. Jayesh Bellare Professor, Chemical Engineering, IIT-Bambay B.Tech., Chemical Engg., LI.T. Bambay, 1982 Ph.D. Chemical Engg., U. Minnesota, Minneapolis, U.S.A., 1988 Post Doc., Materials Science, M.I.T., Cambridge, U.S.A., 1990

### Dr. Rajkumar Halder



Scientist - E, Translational Health Science and Technology Institut Faridabad, INDIA

Ph. D. University of the Basque Country, Spain (2003-2006) M. Sc. Indian Institute of Technology, Kharagpur (2001-2002)

### Dr. Sanjeeb Kumar Sahoo



## Programme Report

- 1. Title:National Seminar on Translational Research in Pharmace tical DrugDevelopment
- 2. Category: Seminar
- 3. Date/s: 15th September,2015
- 4. Venue: Ramanbhai Patel College of Pharmacy (RPCP)

Charotar University of Science & Technology (CHARUSAT)

At- Changa, Dist- Anand, Ta- Petlad, Pin-388421

5. Dignitary/s present at inaugural function: Name, Designation, Name of institute, Contact details

### (On the Dias)

Sr. No.	Details of Dignitary/s
1	Dr. Samir Mitragotri
	Professor, Department of Chemical Engineering
	University of California, Santa Barbara, CA 93106
	Contact Details: samir@engineering.ucsb.edu
2	Shri H.T. Patel,
	API Business, Former President
	Zydus Cadila.
	Contact Details: htpatel2004@gmail.com
3	Dr. M.C. Patel
	Hon. Secretary, Shri Charotar Moti Sattavis Patidar Kelavani Mandal
	Contact Details: 9879650817
4	Shri Naginbhai Patel
	President, Charusat Healthcare Research Foundation & Shi i Charotar Moti
	Sattavis Leuva Patidar Samaj – Matrusanstha
1	Contact Details: 9879347209

## (Off the Dias)

Principal & Head of Department from Constituent Institute of CHARIJSAT Advisors of CHARUSAT



Principal Ramanbhai atel College of Pharmacy Charotar Un versity of Science & Technology CHARUSAT ampus Changa-388 121 Ta. Petiad, E st. Anand (Gujarat)

**Page 127** 

 Invited speaker / Expert: Name, Designation, Name of institute, Contact details, Topic of lecture, Lecture / presentation notes

1 -

Sr. No.	Details of Invited speaker / Expert
1	Dr. Samir Mitragotri Professor, Department of Chemical Engineering University of California, Santa Barbara, CA 93106 Contact Details: samir@engineering.ucsb.edu Topic of Presentation: Innovative methods of drug delivery: Translating basic research into clinical products
2	Dr. JayeshBellare Professor, Chemical Engineering, Indian Institute of Technology-Mumbai Contact Details: jb@iitb.ac.in, 09820605364 Topic of Presentation: Amazing Nanotechnology and its applications in health care and more.
3	Dr. SanjeebkumarSahoo Scientist D, Institute of Life Sciences, Bhubaneswar Contact Details: sanjeeb@ils.res.in, 06742300728 Topic of Presentation: Application of nanomedicine: Asn emerging platform for cancer therapy and diagnosis
4	Dr. RajkumarHalder Scientist E, Translational Health Science and Technology Institute, Faridabad Contact Details: rajkumar@thsti.res.in, 07838874123 Topic of Presentation: Development of Novel Antibody-1)rug Conjugate through expanding genetic code for the treatment of Her2+ breast Cancer Lecture Summary
5	Dr. C.T. Rao Senior Vice President, Head- Medicinal Chemistry, Sun Pharmaceutical Industries Ltd, Vadodara Contact Details: chitturi.rao@sunpharma.com, 9824410098 Topic of Presentation: Innovation in pharma research-what pupy & how

Lecture Summary Attached (Annexure: I)



Principal Ramanbhai Futel Collegs of Frasmer Charotar University of Science & Colle CHARUSAT Compus Changa-338 21 Ta. Petiad, Dist. Anand (Gujarat)

- 7. Total no. of participants (provide details if any): 81 (Annexure: II)
- 8. Program summary (200 words): Attached ( Annexure: III)
- 9. Statement of Income and Expenditure: Attached ( Annexure: IV)
- 10. Utilization Certificate with signature & seal of head of the institute( Annexure: V)
- 11. Copy of vouchers.( Annexure: VI)
- 12. Photograph (4 to 5)( Annexure: VII)
  - · Caption photograph with banner
  - Inaugural function.
  - Expert delivery lecture.
  - Audience

### 13. Press Note / Media Report: Attached( Annexure: VIII)

R. H. Parikh Principal, RPCP



Mehul Patel Seminar Coordinator

## Resource Person: Dr. Samir Mitragotri

## Schedule

## Day - 1: September 14, 2015, Monday

10:45 - 11:00		ents ords by Dr. R.H.Parikh Samir Mitragotri		
11:00 - 12:00	Session – I	Sub-session 1: Introduction of Dr Samir Mitragotri: 11:00 – 11:10 Sub-session 2: Talk by Dr. Samir Mitragotri-: Who we are and what we do? 11:10 – 11:30 (Target audience B.Pharm students) Sub-session 3: Interaction and Question-Auswer with students: 11:30 – 12:00		
12:00 - 12:10		Break		
12:10 - 12:45	Session – II	Sub-session 4: Talk by Dr. Samir Mitragot.i on "Academic Research and Entrepreneurship": 12:10-12:30 Sub-session 5: Interaction post-presentation with entire audience: 12:30-12:45		
12:45 - 1:15	Session – III	Sub-session 6: Talk by Dr. Gayatri Patel & Mr. Chintan Dalwadi on "Thermogelling compositions of methyl cellulose: Preparation, Characterization and Application" 12:45-1:05 Sub-session 7: Feedback by Dr. Samir Mitragotri: 1:05-1:15		
1:15 - 2:00	Lunch Break			
2:00 - 2:15	Session – IV	Sub-session 8: Talk by Ms Bhagyeshree Bhatt on "Bioavailability enhancement of BCS Class IV drug Furesamide by development of Buccoadhesive film": 2:00-2:10 Sub-session 9: Feedback by Dr. Samir Mitragotri: 2:10-2:15		
2:15-2:25		Break		
2:25-3:05	Session – V	Sub-session 10: Talk by Dr. Samir Mitragotri on "Academic Publications: What's important?": 2:25-2:45 Sub-session 11: Interaction post-presentation with entire audience: 2:45-3:05		
3:05-3:35		Interaction with faculty members & Tea Break		
3:35 - 3:50	Session – VI	Sub-session 12: Talk by Ms. Arpita Patel on "Uterine targeting of some drugs for the treatment of fribroids and endometriosis via vaginal route": 3:35-3:45 Sub-session 13: Feedback by Dr. Samir Mitragotri: 3:45 - 3:50		
3:50 - 4:50	Session – VII	Sub-session 14: Talk by Dr. Samir Mitragotti 3:49 - 3:50 drug delivery systems" 3:50 - 4:30 Sub-session 15: Interaction post-presentation with entire audience: 4:30 - 4:50		
4:50 Onwards		Planned one to one interaction		

## Ramanbhai Patel College of Pharmacy Charotar University of Science and Technology National Seminar on <u>Translational Research in Pharmaceutical Drug Development</u> Day – 2 : 15<sup>th</sup> September 2015

Schedule

	15 <sup>th</sup> September 2	2015, Tuesday
	9:00 hrs onwards: Regi	stration & Breakfast
	09:45 - 10.30: Ina	ugural Function
	10.30-10:4	
	Sessio	n-l
Time	Name of Speaker	
	Dr. Samir Mitragotri	Topic of Presentation
10:40 - 11:40	(Keynote Speaker) (Professor, Chemical Engineering Dept. University of California Santa Barbara,USA)	Innovative methods of drug delivery: Translating basic research into clinical products
	11:40-11-55	Fea Break
State of the second	Sessio	n II
11:55- 12:45 (40 minutes talk & 10 min post session interaction)	Dr. Jayesh Bellare (Professor, Chemical Engineering, Indian Institute of Technology-Bombay)	Amazing Nanotechnology and its applications in health care and more.
	12:45 - 01.40: 1	unch Break
01:40 – 02:30 (40 minutes talk & 10 min post session interaction)	Dr. Sanjeebkumar Sahoo (Scientist D, Institute of Life Sciences)	Application of nanomedicine: As an emerging platform for cancer therapy and diagnosis
	02:30-02-40	) Break
	Session	1
02:40- 03:30 (40 minutes talk & 10 min post session interaction)	Dr. Rajkumar Halder (Scientist E, Translational Health Science and Technology Institute)	Development of Novel Antibody-Drug Conjugate through expanding genetic code for the treatment of Her2+ breast Cancer
	03:30-03:45:	Tea Break
	Session	111
03:45 – 04:35 40 minutes talk & 10 min post session interaction)	Dr. C.T. Rao (Senior Vice President, R&D at Sun Pharmaceutical Industries Ltd)	Innovation in pharma research-what , why & how
	Feedback Session High Tea & No	

# Resource Person: Dr. Samir Mitragotri

## Schedule

## Day - 3: September 16, 2015, Wednesday

9:00-9:30	Breakfast		
9:30-10:25	Session - VIII	Sub-session 16: Talk by Dr. Samir Mitragotri on "Nanoparticulate based drug delivery systems"9:30-10:15 Sub-session 17: Interaction post-presentation with entire audience: 10:15-10:25	
10:25-10:45	Session – IX	Sub-session 18: Talk by Ms. Payal Shah on "Preparation of PLGA nanoparticles of Quetiapine Fumerate for brain targeting": 10:25- 10:35 Sub-session 19: Feedback by Dr. Samir Mitragotri: 10:35-10:45	
10:45-11:05	Session – X	Sub-session 20: Talk by Ms. Pooja Aboti on "Development of Inhalable Agglomerate Nanosystem for Lung Cancer": 10:45-10:55 Sub-session 21: Feedback by Dr. Samir Mitragotri: 10:55-11:05	
11:05-11:20	Tea Break		
11:20-11:35	Planned one to o	one Interaction	
11:35-11:50	Session – XI         Sub-session 22: Talk by Dr. Anuradha Gajjar on "2 - Aminothioph derivatives as Novel Antidiabetic Agents": 11:35-11:45           Sub-session 23: Feedback by Dr. Samir Mitragotri: 11:45-11:50		
11:50-12:10	Session – XII		
12:10-12:45			
12:45-12:55	Session – XIV	Farewell and Concluding Remarks	
12:55 - 2:00	NETWORKING LUNCH		

# National Seminar on Translational Research in Pharmaceutical Drug Developm ant at Ramanbhai Patel College of Pharmacy on 15<sup>th</sup> Sept 2015

# **Registration Summary**

	News	Designation	College
Sr.No	Name	Academician	INDUKAK I IPCOWALA COLLEGE OF PHARMACY
1	Dr. (Mrs.) Sangita Shukla	Academician	PDPIAS, (HARUSAT - Changa
2	Dr. Sachin A. Joshi	Academician	PPCP
3	Dr. Vijaykumar Parmar	Academician	PDPIAS, CHARUSAT - Changa
4	Dr. Neeraj Jain	Academician	RPCP
5	Mr. Niraj Vyas	Academician	RPCP
6	Dr. Anuradha Gajjar	Academician	RPCP
7	Mr. Mehul Patel		RPCP
8	Mr. Umang Shah	Academician	RPCP
9	Mr.Nilay Solanki	Academician	RPCP
10	Dr. Manan Raval	Academician	RPCP
11	Mr. Dharmang Pandya	Academician	RPCP
12	Ms. Mansi Paradkar	Academician	
13	Ms. Kanan Gamit	Academician	RPCP
14	Dr.Samir Patel	Academician	RPCP
15	Ms. Avani Chokshi	Academician	RPCP
16	Dr. Jalpa Suthar	Academician	RPCP
17	Dr.Gayatri Patel	Academician	RFCF
18	Mr. Hitesh H Patel	Academician	L.B.Rao Institute Of Pharmaceutical Edu & Res Khambhat L.B.Rao Institute Of Pharmaceutical Edu & Res Khambhat
19	Mr. Shantilal P Padhiyar	Academician	A R College Of Pharmacy, W Nagar
20	Dr.Jolly R.Parikh	Academician	RPCP
21	Dr. R.H.Parikh	Academician	RPCP
22	Ms. Pooja Aboti	Academician	RPCP
23	Mr. Ravish Patel	Academician	RPCP
24	Mr. Amit Patel	Academician	RPCP
25	Ms. Payal Shah	Academician	RPCP
26	Ayush Desai	M.Pharm	
		LL DL	
27	Drashti Patel	M.Pharm	RPCP
27	Meghal Patel	M.Pharm	RPCP (RPCP
28 29 ·	Meghal Patel Sneha Vaghela	M.Pharm M.Pharm	RPCP RPCP RPCP
28 29 · 30	Meghal Patel Sneha Vaghela Aarti Patel	M.Pharm M.Pharm M.Pharm	RPCP       RPCP       RPCP       RPCP       RPCP
28 29 ·	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amin	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP       RPCP       RPCP       RPCP       RPCP       RPCP
28 29 · 30	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amín Tanvi Barot	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP       RPCP       RPCP       RPCP       RPCP       RPCP       RPCP
28 29 · 30 31	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amin Tanvi Barot Bhumi Ladani	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP       RPCP       RPCP       RPCP       RPCP       RPCP       RPCP       RPCP       RPCP
28 29 · 30 31 32	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amin Tanvi Barot Bhumi Ladani Mayuri Prajapati	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP
28 29 · 30 31 32 33	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amin Tanvi Barot Bhumi Ladani Mayuri Prajapati Dipika Mohanta	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP         RPCP
28 29 · 30 31 32 33 34	Meghal Patel Sneha Vaghela Aarti Patel Trupti Amin Tanvi Barot Bhumi Ladani Mayuri Prajapati	M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm M.Pharm	RPCP



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Principal Ramanbhai Pitel College of Dharman Churolar Uni ers ty of Science & Kurins Chill SAT Campus 1 ja-388 - 21 and Dist Anand (Gujarat)

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38 .	Sachi Patel	M.Pharm	RPCP
39	Tejasvini Gohil	M.Pharm	RPCP
40	Prarthna Patel	M.Pharm	RPCP
41	Krina Desai	M.Pharm	RPCP
42	Dhwani Gabani	M.Pharm	RPCP
43	Anuj Patel	M.Pharm	RPCP
44	Bijal Patel	M.Pharm	RPCP
45	Yatra Patel	M.Pharm	RPCP
46	Harsh Brahmbhatt	M.Pharm	RPCP
47	Shivangi Singh	M.Pharm	RPCP
48	Bhagyashree Bhatt	M.Pharm	RPCP
49	Shraddha Limbachiya	M.Pharm	RPCP
50	Bhoomi Vyas	M.Pharm	RPCP
51	Himali Jani	M.Pharm	RPCP
52	Nishit Patel	M.Pharm	RPCP
53	Kriyesh Patel	M.Pharm	RPCP
54	Dhaval Rana	M.Pharm	'RPCP
55	Parth Patel	M.Pharm	RPCP
56	Nizam Patel	M.Pharm	RPCP
57	Krunal Teli	M.Pharm	RPCP
58	Bhumi Dave	M.Pharm	RPCP
59	Divya Patel	M.Pharm	RPCP
60	Pankti Patel	M.Pharm	RPCP
61	Bhumika Desai	M.Pharm	RPCP
62	Siji John	M.Pharm	RPCP
63	Chintan Dalwadi	Ph.D. Scholar	RPCP
64	Ketan Variya	Ph.D. Scholar	RPCP
65	Rutu Patel	Ph.D. Scholar	RPCP
66	Sanket Patel	Ph D. Scholar	RPCP
67	Milap Patel	Ph.D. Scholar	RPCP
68	Gopi Shah	Ph.D. Scholar	RPCP
69	Chirag Pathak	Ph.D. Scholar	RPCP
70	Rahul D. Dhande	Ph.D Research Scholar	The M.S.U niversity of Baroda, Vadodara
71	Chintankumar V. Patel	Ph.D Research Scholar	The M.S.University of Baroda, Vadodara
72	Praveen Kumar	Ph.D Research Scholar	The M.S.University of Baroda, Vadodara
73	Kunti Shah	Academician	RPCP
74	Shreeya Shah	QC Chemist	Relax Biot :ch Pvt. Ltd.
75	Bhaumik Ruparel	None	RPCP Alumni
		Associate	A R Collec a of Pharmacy, VV
76	Dr. Ajay Solanki	Professor	Nagar
		Associate	
77	Dr. Anuradha Joshi	Professor	PS Medical college, Karamsad
78	Ruchita Desai	Student	RPCP
79	Shivani Patel	Student	RPCP
80	Dr.Hetal Thakkar	Professor	The M.S.L'niversity of Baroda, Vadodara
81	Dr.Sonali Dalwadi	RPCP Alumni	Babariya Institute of Pharmacy

1 Seminar Coordinator



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Principi: I Ramanbh: i Patel College of Dharman Charotar I niversity of Science & Yec-CHARUSA \* Compus Changa-3( 8 421 Ta, Petlad Dist, Anand (Gujarat)

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## GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)

February 5 – 6, 2016

Summary of the

## **Conference Organised**

<b>Event Type:</b>	Conference
Tonia	National Conference on Soft Computing and its Applications
Торіс:	(NCSCA-2016)
	Smt. Chandaben Mohanbhai Patel Institute of Computer
	Applications
<b>Organizer/Place:</b>	Faculty of Computer Science and Applications,
	Charotar University of Science & Technology (CHARUSAT),
	Changa.
	Prof. Bhushan Trivedi, Ph.D.
	Director, GLS Institute of Computer Technology, GLS University,
	Ahmedabad
	Title of Talk: "Soft computing in Digital India initiative"
	Dr. Apurva A. Desai, Ph.D.
<b>Resource Person(s):</b>	Professor & Head, Dept. of Computer Science, Veer Narmad South
	Gujarat University, Surat
	Title of Talk: "Digital image processing and its related applications in
	City surveillance"
Duration:	5th (th Eshanger 201)
	5 <sup>th</sup> - 6 <sup>th</sup> February, 2016
Targeted Audience:	Faculty, PG Students, Research Scholars
Funding from any	
Outside Agency:	GUJCOST/CHARUSAT
	Inside the Campus: 20
No. of Participants:	
	Outside of the Campus: 42
International/	
National/	National
State/Regional:	
	1

Faculty of Computer Science and Applications - CHARUSAT

Overview of the Content Covered:	National Conference on Soft Computing and its Applications (NCSCA-2016) aims to provide a platform to the researchers, academicians, students, and professionals in the area of Information and Communication Technology (ICT) to share their research, knowledge, new ideas and innovations. They can also share their views on the recent advancements in the field of Soft-computing and its impact on the society and specifically for Digital India campaign which was float by our Honorable Prime Minister, Shri. Narendrabhai Modi. Soft computing is one of areas in which still there is huge scope of research and innovations especially in India. The Conference will be of two days and will comprise of invited talks by experts from Academia / Government Organizations / Industry / Technology leaders and Technical Sessions.
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## GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)

February 5 – 6, 2016

## Report

Faculty Name:- Kanubhai K Patel, Assistant Professor, CMPICA, CHARUSAT

Prepared by: Kanubhai K Patel

Expert Faculties:- Prof. Bhushan Trivedi, Ph.D.

Dr. Apurva A. Desai, Ph.D.

## Brief Details of Symposium:-

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA) organized two days GUJCOST sponsored National Conference on Soft Computing and its Applications (NCSCA-2016) during February 5-6, 2016. The conference aimed to provide a platform to the researchers, academicians, students, and professionals in the area of Information and Communication Technology (ICT) to share their research, knowledge, new ideas and innovations. The conference comprises two keynote speeches, 4 sessions, and 2 expert talks. The inauguration function was held at AI Patel Auditorium, Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT campus, Changa. Dr. M.C. Patel, Dr. S. P. Kosta, Dr. Bhushan Trivedi, Dr. Apurva Desai, Dr. P. V. Virparia and Dr. Atul Patel were present on the inauguration function. Keynote speeches were given by Dr. Bhushan Trivedi and Dr. Apurva Desai.

We have received 45 papers from researchers of various states of India (such as Maharashtra, MP, Chhattisgarh, Karnataka, Goa, Orissa etc.). There were 71 Indian, 1 Japanese, and 2 US authors. After peer review process, 38 papers have been selected by reviewers for presentation in the conference. Conference delegates have presented their papers on the recent advancements in the area of Soft computing and its impact on the society and specifically for "Digital India" campaign. There were 5 members in Advisory committee, and 24 members in Technical Program Committee (TPC). Most of the reviewers are doctorate in Computer Science or Computer Engineering. The reviewers have suggested changes in some of the papers to the authors. The 38 papers were finally selected and presented by the delegates in the 4 sessions during two days. Total 62 delegates have registered for the conference. During conference Breakfast, tea/coffee and lunch have been provided for both the days. All the delegates have participated actively in the conference and made the conference a grand success.

You may visit conference website http://charusat.net/NCSCA2016/index.html for more detail.

## **GUJCOST Sponsored**

# National Conference on Soft Computing and its Applications (NCSCA-2016)

## February 5 – 6, 2016

## **Detailed Program Schedule**

		NCSCA 2016	
		February 5-6, 2016 Schedule	
	Day 1	5/2/2016	Place
Time	Session	Session Details	Fiace
10:00	Inaugural	Registration	CMPICA Audi
	Session	"Soft computing in Digital India initiative" by Prof. Bhushan H Trivedi, Director, GLS Institute of Computer Technology, GLS University, Ahmedabad "Digital image processing and its related applications in City surveillance" by Dr. Apurva A. Desai,	
		Professor & Head, Dept. of Computer Science, Veer Narmad South Gujarat University, Surat	
12:00		Lunch	Central Lawn
1.00	AI	19: Sureth Puthanveettil, Mengu Cho and Amrita Suresh. ESTIMATION OF THE PARAMETERS OF SOLAR CELLS FROM CURRENT-VOLTAGE CHARACTERISTICS USING GENETIC ALGORITHM	Class-2
		32: Smita Agrawal and Dr. Atul Patel, A STUDY ON GRAPH STORAGE DATABASE OF NOSQL	
		34: Jai Prakash Verma, Smita Agrawal, Bankim Patel and Atul Patel. BIG DATA ANALYTICS: CILA: LENGES AND APPLICATIONS FOR TEXT, AUDIO, VIDEO, AND SOCIAL MEDIA DATA	
		42: Sonia Mittal. Unsupervised learning models of invariant features in images: Recent developments in multistage architecture approach for object detection	1
		35: Preeti Kathiria and Sukraat Ahluwalia. A Naive Method for Ontology Construction	1
		28: Rupa Hiremath and Pradip Patil. A STUDY- KNOWLEDGE DISCOVERY APPROACHES AND 115 IMPACT WITH REFERENCE TO COGNITIVE INTERNET OF THINGS (CIOT) 44: Shreys Banker and Rupal Patel. A GRIEF REVIEW OF SENTIMENT ANALYSIS METHODS	-
		4: Prenew Vyas and Dr. Bhushan Trivedi. Analysis of Security Requirements of Futuristic Mobile	-
		Applications	
		3: Kirtankumar Rathod, CLOUD COMPUTING – KEY PILLAR FOR DIGITAL INDIA	
2:30	A7	Tea/Coffee Brokk 12: Sohil Pandya, Paresh Virparia and Rinku Chavda. Implementation of Folksonomy Based Tag Cloud	Central Lawn Class-2
		Model for Information Retrieval from Document Repository in an Indian University	
		23: Kavita Ahuja and Nalin Jani. A STUDY OF TRADITIONAL DATA ANALYSIS AND SENSOR DATA	1
		ANALYTICS 26: Chandrakant Patel and Dr. Jayesh M Patel. Improving a Lightweight Stemmer for Gujarati Language	-
		20: Sheenal Patel and Hardik Patel. Survey of Data Mining Techniques used in Healthcare Domain	
		31: Vaibhav Kant Singh, MATHEMATICAL EXPLANATION TO SOLUTION FOR EX-NOR PROBLEM USING	1
		MLFFN 21: Hetal Patel and Dr. Dharmendra Patel, SUBVEY OF ANDROID APPS FOR AGRICULTURAL SECTOR	-
		21: Hetal Patel and or, Dharmendra Patel, SURVEY OF ANDROID APPS FOR AGRICULTURAL SECTOR	
		36: Harikrushna Patel, A TEAM STRUCTURING IN AN ORGANIZATION	1
		38: Payal Buha and Dr. Priyanka Sharma. Secure Cloud Computing Mechanism for Enhancing: MTBAC	1
		39: Rakesh Singh Kunwar and Priyanka Sharma. CYBER ATTACKS ON SOFT COMPUTING	-

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## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

## GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)

## February 5 – 6, 2016 Attendance Sheet

				Sponsored	
		National Con		computing and its Applications	
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				5-6, 2016 / Attendance / kits	
Sr.					
No.	Paper Number	Full Name	Designation	University/Institute/Organization Name	Signature
-1	1 ,	Mansi Bosamia	Assistant Professor	CMPICA	
2	9 -	SHIVANG MANIBHAI PATEL	Assistant Professor	Ganpat University	pulate
3	13	ANKIT KUMAR DUBEY	Research Scholar	Atal Bihari Vajpal Hindi Vishwavidyalaya,Bhopal, India	
4	12 🥑	Dr. Sohil Dineshkumar Pandya	Asst. Professor	SVIT, Vasad	Amaple
5	12	Prof. Rinku Vipulbhai Chavda	Asst. Professor	SVIT, Vasad	P. V. C. lu
6	26	Prof. Chandrakantbhai Devabhai Patel	Assistant Professor	MCA Department, Acharya Motibhai Patel Institute of Computer Studies, Ganpat University	F
7	33	VIRAL PANCHAL	M.Sc. (CA & IT) student	K.S. School of Business Management, Gujarat University	Wester
8	33	Raviraj Prajapati	M.Sc. (CA & IT) student	K.S. School of Business Management, Gujarat University	anico
9	34 ,	Jaiprakash V Verma	Assistant Professor	Institute of Technology, Nirma University	( F
10	32 ,	Prof. Smita Agrawal	Asst. Professor	Institute of Technology, Nirma University	SAMP
11	2	Shah Hinal Kamleshkumar	Student	SRIMCA, Uka Tarsadiya University	HEShah
12	2	Bhandari Prachi Bhupendrbhai	Student	SRIMCA, Uka Tarsadiya University	opphance
13	2	Mistry Krunalkumar Pravinbhau	Student	SRIMCA, Uka Tarsadiya University	K.P Mit
14	21 •	Hetalben Punjabhai Patel	Assistant Professor	CMPICA	St.
15	43 *	Hema Patel	Asst. Professor	CHARUSAT	Al Ker
16	6,	Dharmendra T. Patel	Associate Professor	Charotar University of Science and Technology	· DAD
17	5 -	Mahesh Gadhavi	Assistant Professor	CMPICA, Charusat University	Gedheneis
18	20 -	Sheenal Patel	Assistant Professor	CMPICA	5 P. Rotet
19	20 "	Hardik Patel	Assistant Professor	CMPICA	gay 1
20	37 .	Patel Swati Sureshchandra	Assistant Professor	CMPICA, CHARUSAT	Shichi
21	2	Thakor Shivani Bhupendrasingh	Student	SRIMCA, Uka Tarsadiya University	Barahar
22	2	Patel Mishika Prafulbhai	Student	SRIMCA, Uka Tarsadiya University	prie Like
23	15	Jennifer P	Student	RMK Engineering College	

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24	28	pradip patil	Assistant Professor	Indira Institute Of Management (MCA), Pune	
25	23	Kavita Khemchand • Ahuja	Assistant Professor	Shree Madhav Institute of computer & Information Technology	shown
26	42	SONIA MITTAI	Assistant Professor	Nirma University	don't
27	35	<ul> <li>Sukraat Ahluwalia</li> </ul>	Student	Nirma University	lif
28	16	Jaimin N Undavia	Assistant Professor	CHARUSAT	J.H.V
29	22	Nilay P Ganatra	Assistant Professor	CHARUSAT	al
30	29	Sureshkumar B.Solanki	Asst.Librarian	CMPICA, CHARUSAT	5 B-806
31		RAVIKUMAR MULJIBHAI ROHIT	STUDENT	CMPICA	TE ALL
32	- 3	Kirtankumar Ramniklal Rathod	ASSISTANT	INDUS UNIVERSITY	hall
33	36	Harikrushna Atulbhai Patel	Office Associate	CHARUSAT UNIVERSITY	.Juli
34	19	SURESH E PUTHANVEETTIL	HEAD, SOLAR PANEL DIVISION	ISRO SATELLITE CENTRE	lunt
35	4.		Asst. Professor	CMPICA/CHARUSAT	X
36	14 .	Nirali Nikhilkumar Honest	Assitant Professor	CMPICA	A
37	99	Dr Abhijeetsinh Jadeja	HOD - PGDCA	BPCCS , KSV UNIVERSITY	6m
-38	38 .	Payal buha	M.Tech(Cyber Security)	Raksha Shakti University	ferger
39	16 .	Patel Karan Dineshbhai	Assistant Professor	CHARUSAT .	An
40	27.	Tushar Gunvantray Mehta	Asst.Professor	CMPICA-Charusat	e,~
41	27	Gopal Rasikial Jani	Student	Human Centered Design Institute,Florida Institute of technology	For
42	22 •	Rachana Patel	Assistant Professor	CMPICA .	Taso
43	39	Rakesh Singh Kunwar	Research Scholar	Raksha Shakti University	
44	40	Nilam Desai	Assistant Proffesor	CMPICA	-By
45	31	Vaibhav Kant Singh	Assistant Professor	Department of Computer Science & Engineering, Institute of Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur, Chhattisgarh, India	

Faculty of Computer Science and Applications - CHARUSAT
# Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

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48	44 .	Rupal Patel	Assistant Professor	CMPICA, CHARUSAT	fuele
49	18 .	Rutvi Pradipkumar Adhyaru	Student	CHARUSAT	Graph
2 50	41 .	Mubina Malik	Assistant Professor	CHARUSAT	- (lew
51	41.	Trisha Patel	Assistant Professor	CHARUSAT	1 An
- 52	37 -	Nita Jaikishanbhai Lokwani	Assistant professor	CHARUSAT UNIVERSITY	atter
53	0	S. J. Mandaviya	HOD & Assistant Professor	M. B. Patel Science College	AVE
54		D. N. Padhiar	Associate Professor	M. B. Patel Science College	A
55		Beena D. Patel	Programmer	M. B. Patel Science College	A h
56		Meghana Harshadbhai Mehta	Assistant Librarian	Ramanbhai Patel College of Pharmacy	amp
57		Avish Puri	Student	School of business, Florida Institute of technology	FORE
554		Anisundh kalal	Student	CSPIT, CHARUSAT	KalulAnt
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#### GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)

February 5 – 6, 2016

#### **Feedback from Participants**

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National Conference on Soft Computing and its Applications (NCSCA 2016)         THEME: Soft computing for Digital India: Issues, Challenges, and Opportunities February 5-6, 2016         Name:       Dr. Abbited Sinth Tadya         Institute/Organization:       MS V Unwossity         Department:       Pager ID:       Feedback         Very Good Fair       Not Good         About Keynote speeches       V       Very Good Fair       Not Good         About Expert talks       MS       Image: Soft Computing Soft	DEDUCTAL UNIVERSITY OF STRUET AND TELEPOCOUCH		Corners	NIC CLOSE	Brysterment of J Generation	seence & Technolog ent of Golardi
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# Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

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Faculty of Computer Science and Applications - CHARUSAT

### GUJCOST Sponsored National Conference on Soft Computing and its Applications (NCSCA-2016)

February 5 – 6, 2016 Photographs of the Event



# Smt. Chandaben Mohanbhai Patel Institute of Computer Applications



## Expert Curriculum Vitae

Dr. Bhushan Trivedi

8866743251

bhtrivedi@yahoo.com

Current Affiliation: GLS Institute of Computer Technology, GLS University,

Designation: Director

**Domain:** Education

Total Experience (In Years): 30

Area of expertise: Computer Networking, Network Security, Education Training

## Expert Curriculum Vitae

Dr. Apurva Desai

9874055680

Apurva.Desai8@gmail.com

Current Affiliation: Department of Computer Science, Veer Narmad South Gujarat University

**Designation**: Head of department

Domain: Education

Total Experience (In Years): 30

Area of expertise: Machine Learning, Artificial Intelligence, Image Processing

#### Summary of the

#### Workshop Organized

Event Type:	Workshop
Торіс:	Current Trends and Developments in Android Mobile Application Platform
Resource Person(s):	<ol> <li>Atul Patel, Dean/Principal, CMPICA, Charusat</li> <li>Nilay Ganatra, Assistant Professor, CMPICA, Charusat</li> <li>Tejas Thakkar, Senior Software Developer.</li> <li>Jaimin Undavia, Assistant Professor, CMPICA, Charusat</li> </ol>
Duration:	25 <sup>th</sup> - 26 <sup>th</sup> June, 2015
Funding from any Outside Agency:	GUJCOST
Targeted Audience:	Faculty, PG Students, Research Scholars
No. of Participants:	Inside the Campus: 30 Outside of the Capus: 14
Overview of the Content Covered:	Basics of Android Application Development, features of latest Android versions, SQLite database connectivity with Android, JSON based Web Service in Android.

June 25 – 26, 2015

#### Report

#### **Expert Faculties:-**

Dr. Atul Patel, Dean & Principal, CMPICA, CHARUSAT, Changa Mr. Tejas Thakkar, Team Lead at Solute Technolabs Company Mr. Nilay Ganatra, Assistant Professor, CMPICA, CHARUSAT, Change Mr. Jaimin Undavia, Assistant Professor, CMPICA, CHARUSAT, Changa

#### Brief Details of Workshop:-

A two day GUJCOST Sponsored Workshop on "Current Trends and Development in Android Mobile Application Platform" was organized on June 25-26, 2015 at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT, Changa. Total 44 enthusiastic participants (including internal faculties, external faculties and students) had enrolled for the workshop from different institutes of Gujarat. Workshop covers fundamental as well as hands on sessions on various aspects of Android Mobile Application Development with current IDE (Android Studio) for development.

The aim of workshop is to familiarize the participants with Android Mobile Application Trends and Technologies with Hands-on sessions. . It also helps teacher and students to get quick start with the Android Application Development.

The Inaugural function of the workshop was started at 10:00 AM on June 25, 2015 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 given to participants.

The First session was conducted by Dr. Atul Patel on June 25, 2015. He covered Android introduction, Android architecture, various mobile applications and basic building block of Android.

The Second session was conducted by Mr. Nilay Ganatra. He started with basics of Android application development and Android Studio and Eclipse IDE introduction. He had taken hands on session on Android application development with some basic applications. Also, SQLite rdbms connectivity with hands on session covered during that session.

On Second day, i.e. June 26, 2015, the first session was conducted by Mr. Tejas Thakkar on Broadcast Receiver and Services with hands on session. This session was followed by Mr.

Jaimin Undavia. He gave idea about different types of menus and dialogs available in Android and hands on demonstration on same given by him.

In Second session, Mr. Nilay Ganatra had taken hands on session on Web Service implementation and explained how to update and retrieve data from server using web services. Also, he delivered a talk on Google Cloud Messaging service by Google for push notification and explained detail architecture of GCM service.

Workshop ends with the certificate distribution to the participants. At the end of workshop, participants shared their experience with feedback, and based on that, we can conclude that they really satisfied with the content and hospitality provided to them.

#### June 25 – 26, 2015

#### **Detailed Program Schedule**

	Thursday June 25, 2015
09:00 am to 10:00 am	Registration & High Tea
10:00 am to 10:15 am	Inauguration
10:15 am to 11:30 pm	Introduction, software stack and basics building blocks of Android Platform. Expert Lecture by Dr. Atul Patel
11.20 are to 12.15 are	
11:30 am to 12:15 pm	Installation and architecture of android studio IDE. Basic programming
	languages intro: Java and XML
10.15 1.15	By Mr. Nilay Ganatra
12:15 pm to 1:15 pm	Lunch Break
1:15 pm to 2:30	Hands-on session on basic application development.
	By Mr. Nilay Ganatra
2:30pm to 2:45 pm	Tea Break
2:45 pm to 04:30 pm	Hands-on session on advance controls and introduction of different storage
	options available in Android.
	By Mr. Nilay Ganatra
	Friday June 26, 2015
09:00 am to 09:30am	Tea & Breakfast
09:30 am to 11:30 am	Expert session on types of Android applications and future scopes in Android
	Mobile Application Platform.
	By. Prof. B V Buddhadev
11:30 am to 12:30	Hands-on session on SQLite database connectivity
	By Mr. Nilay Ganatra
12:30 am to 01:15 pm	
01:15 pm to 2:45 pm	Hands-on session on SQLite database connectivity and Web Service
	introduction.
	By Mr. Nilay Ganatra
2:45pm to 3:00 pm	Tea Break
03:00 pm to 04:00 pm	Hands-on session on Web Service integration with Android application and
	Introduction of Google Cloud Messaging service.
4:00 pm to 4:30 pm	Valedictory

June 25 – 26, 2015

## Photographs of the Event



Group photo with participants



Welcome of the expert Tejas Thakkar

### June 25 – 26, 2015

#### **Certificate of the Event**

CMPICA	Ø Øs	Department of Science & Technology Government of Gujarat	CHARUSA CONSTANTS OF CONTACT OF C
	Certificate of	Participation	
	This is to cer	rtify that	
Mr./Ms./Dr./Prof			of
đ	actively participated i	n the workshop on	
"Current Trends a	and Devlopments in A	Indroid Mobile A	pplication Platform"
	Organiz	zed by	
Smt. Chandaben	Mohanbhai Patel I (A Constituent Institu		puter Applications,
1	On June 25	- 26, 2015	-
• •	In associa	tion with	
GUJARA	T COUNCIL ON SCI	ENCE AND TEC	CHNOLOGY
	/r. Nilay Ganatra	Dr. Atul P	atel
	Coordinator	Convence	r

### June 25 – 26, 2015

#### **Brochure/Leaflet of the Event**

Registration Form	Patron	Smt. Chandaben Mohanbhai
GUJCOST SPONSORED Workshop On "Current Irends and Developments in Android Mobile Application Platform" June 25 - 27, 2015 Name: Designation: Institute/Organization: Address:	Shri Surendra Patel, President, CHARUSAT Dr. M. C. Patel, Secretary, CHAMOSPKM Dr. B. G. Patel, Provost, CHARUSAT Advisory Committee Dr. Atul Patel, Dean, CMPICA-FCA, CHARUSAT Mr. Ashok Patel, Advisor, CHARUSAT Dr. S. P. Kosta, Advisor, CHARUSAT Mr. Dexang Joshi, Registrar, CHARUSAT Convener Dr. Atul Patel, Dean, CMPICA - FCA, CHARUSAT	Patel Institute of Computer Applications (A Constituent Institute of CHARUSAT) Faculty of Computer Science and Applications Organizes GUJCOST SPONSORED WORKSHOP ON "Current Trends and Developments in Android Mobile Application Platform"
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 Students Students Students Amount: Cheque/Demand Draft No: Bank and Branch: Date: Signature of Participant Seal and Signature Head of Institution	Coordinator Prof. Nilay, Ganatra, Assistant Professor, CMPICA - FCA, CHARUSAT Correspondence Prof. Nilay, Ganatra, (M): 09924048124 Smt. Chandaban Mohambhai Patel Institute of Computer Applications, Faculty of Computer Science and Applications, Charotag University of Science and Coujerat Ph. No. 02697 - 248215 Fax: 02697 - 247100 E-mail: nilayganatra.mca@charusat.ac.in Website: www.charusat.ac.in	June 25 - 27, 2015 In association with:

#### 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 five-year full-time Dual Degree Master of Computer Applications (MCA-Dual Degree BCA + MCA) 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

Android powers hundreds of millions of mobile devices in more than 190 countries around the world. It's the largest installed base of any mobile platform and growing fast—every day another million user's power up

Android gives you a world-class platform for creating apps and games for Android users everywhere, as well as an open marketplace for distributing to them instantly. This Workshop includes hands on session on how to create single android application that lets you deploy your apps broadly to hundreds of millions of users across a wide range of devices-fromphones to tablets and beyond, creating app that look great and take advantage of the hardware capabilities available on each device, designing xml based light weight GUI for applications and how publish application on play store.

Android is included as part of syllabus in many colleges. This workshop helps teacher and students to get quick start with the Android Application Development.

The course content is designed to familiarize with Android Mobile Application Trends and Technologies with Hands-on sessions.

#### Content of the Workshop

- Introduction to Android
- Fundamentals of Android
- Android Studio IDE configuration and introduction Basic building blocks and application structure
- User Interface design
- SQLite database connectivity and Preferences • Web services and Google Cloud Messaging

#### Resource Persons

Prof. B V Buddhadey, S.S Eng, Govt. College, Bhavnagar Dr. Atul Patel, CMPICA, Changa, Gujarat Prof. Nilay Ganatra, CMPICA, Changa, Gujarat

Registration Fees / Important Dates		
Students (M. Tech. & Ph.D.	500/-	
Pursuing)		
Faculties	700/-	
Industry & others	1000/	

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 June 17th, 2015. List of selected candidates will be displayed on CHARUSAT website on June 19<sup>th</sup>, 2015. Accommodation will be made available on a request.

#### How to reach?



June 25 – 26, 2015

#### **Press Note of the Event**



June 25 – 26, 2015

Block: B, 7th Floor, M.S. Building, Nr. Gandhinagar, Gujaral Phone: (079) 23259362-85 Fa E-mail: sciof-gujcost@g URL: www.gujcost.guj	-382011. x: (079) 23259363 uJarat.gov.in
Dr. Narottam Sahoo Advisor and Vember Secretary	
No. GUJCOST/Sem-Sym 917/2014-15/ي روح No. GUJCOST/Sem-Sym 917/2014-15/	31 <sup>st</sup> March, 2015
Dr Atul Patel	
Principal Smt. Chandaben Mohanbhai Patel	
Institute of Computer Application,	1.4
Charotar University of Science and Technology Changa- 388421	21
Sub: Proposal for Financial Assistance titled ' Android Mobile Application Platform"	Current Trends and Developments in
Respected Sir,	
Warm Greetings from Gujarat Council on So Gandhinagar.	ience and Technology (GUJCOST),
It is our pleasure to inform you that your pr "Current Trends and Developments in Android 22-23" May, 2015 has been considered for the	Mobile Application Platform <sup>®</sup> during
GUJCOST is in principle approved an amo rupees only) for this programme. The sanction completion of the programme and on receipt Certificate, list of participants, statement of inco photographs, press notes, etc. with necess programme coordinator and Head of the institut	ed amount will be released after the of the programme report, Utilization ome & expenditure copy of vouchers, sary stamp and signature of the
The logos of DST, GUJCOST and Gatisheel Gu	ijarat are being sent to your on mail.
Thanking you and with best regards.	
	Yours sincerely,
	Ste
10	(Narottam Sahoo)

#### Expert Curriculum Vitae

Dr. Atul Patel

9427387769

Atulpatel.mca@charusat.ac.in

Current Affiliation: Charotar University of Science and Technology

**Designation**: Principal and Dean

Domain: Education

Total Experience (In Years): 25

Area of expertise: Education and Management

## Expert Curriculum Vitae

Mr. Nilay Ganatra

9924048124

Nilayganatra.mca@charusat.ac.in

Current Affiliation: Charotar University of Science and Technology

Designation: Assistant Professor

**Domain**: Education

Total Experience (In Years): 05

Area of expertise: Education and Training

#### Expert Curriculum Vitae

Mr. Tejas Thakkar

9879048571

Tejasthakkar12@gmail.com

Current Affiliation: Technolabs Ltd.

Designation: Team Leader

Domain: IT & ITES

**Total Experience (In Years):** 14

Area of expertise: Project Management and Training

#### Expert Curriculum Vitae

Mr. Jaimin Undavia

9426923708

Jaiminundavia.mca@charusat.ac.in

Current Affiliation: Charotar University of Science and Technology

**Designation:** Assistant Professor

Domain: Education

Total Experience (In Years): 16

Area of expertise: Education and Training



Reshma Sable <reshmasable.mba@charusat.ac.in>

# FDP @ IIIM - Management Teaching-Learning, Sectoral Research & Publications and Collaborations - June 8-13, 2015

**Govind Dave** <govinddave.mba@charusat.ac.in> To: MBA <mba@charusat.ac.in>, CS <cs@charusat.ac.in> Tue, Jun 2, 2015 at 4:20 PM

Dear All,

I<sup>2</sup>IM, as a part of Faculty Development initiative, has organized a six-day FDP on "*Management Teaching-Learning, Sectoral Research & Publications and Collaborations*" from June 8-13, 2015 with an objective to provide Domain Knowledge Training (General and Specific Modules) to its faculty members of Management and Humanities & Social Sciences.

The details of the session are as mentioned below:

Time		Торіс	Resource Person(s)
09:30 AM – 11:30 AM		ew of Indian Higher Education System obal Perspectives	Dr. B. G. Patel
11:45 AM – 12:45 PM	Digital India		Provost, CHARUSAT
	CHARUSA	AT - A Road Map	Shri. Devang Joshi
01:30 PM – 02:30 PM	Moving	Towards ExcellenceNAAC	Registrar, Charusat
02:30 AM – 02:45 PM	Growth & Dev	duction - Inception, Vision, Mission, velopment Initiatives, Action Plan for 0 <sup>th</sup> Year Celebrations…	Dr. Govind B Dave
03:00 PM – 04:30 PM		tations and Finalization of Goals for Next Academic Year • <i>Criteria of Performance Appraisal)</i>	Dean, FMS & Principal(I/c.), I <sup>2</sup> IM
D	<b>ay 2 -</b> June 9, 2015	(Tuesday) – <b>Paradigms of Teaching Lear</b>	ning Process
09:30 AM – 11:30 AM	Know Your Student (KYS): New Paradigm in Management Education - A Learner Centric Approach		Dr. Mahendra Chotaliya Associate Professor, Department o Education, S. P. University
11:45 AM – 01:15 PM	Focus: Graduate	Achieving Excellence in Teaching- Learning Process	Dr. Govind B Dave
02:15 PM – 03:45 PM	Attributes	Assessment Methodologies: Perspectives and Practices	Di. Govina D Dave
Day 3	- June 10, 2015 (W	/ednesday) - Widening Horizons of Manag	ement Education
09:30 AM – 11:30 AM	Health Car	re Management	Dr. Uma Patel
-			

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		Mr. Vivek, CEO, SLK, Techlabs			
	Project and Infrastructure Management	Shri. Devang Joshi			
11:45 AM – 01:45 PM	<ul> <li>Family Business and Entrepreneurship Management</li> </ul>	Mr. Chandramouli Pathak Management and Entrepreneurship Development Consultant & Trainer and <i>Senior Executive</i> International Centre for Entrepreneurship and Career Development (ICECD)			
	Tourism and Hospitality	In-process			
02:15 PM – 04:15 PM	Journalism and Mass Communication	Mr. Ramesh Tanna, Former Editor, Gujarat Times – USA, Ahmedabad			
	Day 4 - June 11, 2015 (Thursday) – Research and Public	cations			
09:30 AM – 11:30 AM	Quantitative Techniques in Research through Statistical Softwares	Dr. Raju Rathod Associate Professor, GHPIBM, MBA Programme, Sardar Patel University			
11:45 AM – 01:45 PM	(Learning to Work with MS-Excel, SPSS, R, etc.)	And Ms. Kirti Makwana Faculty Member, I <sup>2</sup> IM			
02:15 PM – 03:45 PM	Academic Writing for Research Publication	Dr. Bhaskar Pandya Faculty Member, HSS, I <sup>2</sup> IM			
	Day 5 - June 12, 2015 (Friday) – Networking and Collabo	orations			
09:30 AM – 11:30 AM	Conference Planning and Execution				
11:45 AM – 01:15 PM	• Exploring Avenues for Networking, Collaborations and Publications	Dr. Govind B Dave			
02:15 PM – 03:45 PM	<ul> <li>Defining and Assigning Tasks, Roles, and Responsibilities</li> </ul>				
Day 6 - June 13, 2015 (Saturday) – Contemporary Areas of Management					
09:30 AM – 11:30 AM					
11:45 AM – 01:15 PM	Faculty Paper Presentations and Plan of Action for New Elective Areas / Streams of Management under Course Curriculum for MBA / PGDM Programmes 2015 onwards	Dr. Govind B Dave			
02:15 PM – 03:45 PM					
04:00 PM – 04:30 PM	Open Session / Feedback / Evaluation				

Looking forward to your attendance and active participation for the same.

6/17/2021

Charotar University of Science & Technology Mail - FDP @ IIIM - Management Teaching-Learning, Sectoral Research & Publication...

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) Faculty Development Programme (FDP) on "Management Teaching-Learning, Sectoral Research & Publications and Collaborations"

June 8, 2015

# Faculty Development Programme (FDP) on "Management Teaching-Learning, Sectoral Research & Publications and Collaborations"

## **EVENT REPORT**

As a part of Faculty Development initiative, Indukaka Ipcowala Institute of Management, Faculty of Management Studies, CHARUSAT organized six day in-house FDP on **"Management Teaching-Learning, Sectoral Research & Publications and Collaborations**" during June 8-13, 2015 with an objective to provide Domain Knowledge Training with specific emphasis on Research for the faculty members of I<sup>2</sup>IM.

During this FDP a total of 40 hours of training was provided to 18 faculty members of I<sup>2</sup>IM, FMS & HSS. A total of 07 resource persons were invited to deliver their expertise on various topics.

#### Day-1, June 8, 2015

The first session of FDP on Redefining Management Education was delivered by Dr. B. G. Patel, Provost, CHARUSAT. Provost sir gave valuable inputs about an Overview of Indian Higher Education System and its Global Perspectives

The second session of the day was conducted by Dr. B. G. Patel, Provost, CHARUSAT. Provost sir gave valuable inputs about digital India.

The third session of the day was conducted by Shri Devang Joshi, Registrar CHARUSAT. Registrar sir gave valuable inputs about A Road Map...Moving towards Excellence... NAAC.

The fourth session of the day was conducted by Dr. Govind B Dave sir Dean, FMS & Principal (I/c.),  $I^2IM$  CHARUSAT. Dave Sir gave valuable inputs about  $I^2IM$  – An Introduction - Inception, Vision, Mission, Growth & Development Initiatives, Action Plan for  $10^{th}$  Year Celebrations.

The fifth session of the day was conducted by Dr. Govind B Dave sir. He gave valuable inputs about Faculty Presentations and Finalization of Goals for Next Academic Year (Based on the Criteria of Performance Appraisal)

#### Day-2, June-9, 2015

The Second day the first session of FDP on Paradigms of Teaching Learning Process was delivered by Dr. Mahendra Chotaliya Associate Professor, Department of Education, S. P. University. Sir gave valuable inputs about Know Your Student (KYS): New Paradigm in Management Education - A Learner Centric Approach.

The second session of the day was conducted by Dr. Govind B Dave sir, He gave valuable inputs about Achieving Excellence in Teaching-Learning Process.

The third session of the day was conducted by Dr. Govind B Dave sir, He gave valuable inputs about Assessment Methodologies: Perspectives and Practices.

#### Day-3, June-10, 2015

The third day first session of FDP Widening Horizons of Management Education was delivered by Dr. Uma Patel COO, CHRF, Charusat Hospital. She gave valuable inputs about Health Care Management.

The second session of the day was conducted by Mr. Vivek, CEO, SLK, Techlabs. Sir gave valuable inputs about Information Technology.

The third session of the day was conducted by Shri Devang Joshi. He gave valuable inputs about Project and Infrastructure Management.

The fourth session of the day was conducted by Mr. Chandramouli Pathak, Management and Entrepreneurship Development Consultant & Trainer and Senior Executive. International Centre for Entrepreneurship and Career Development (ICECD). He gave valuable inputs about Family Business and Entrepreneurship Management.

The fifth session of the day was conducted by Mr. Ramesh Tanna, Former Editor, Gujarat Times – USA, Ahmedabad. He gave valuable inputs about Tourism, Hospitality, Journalism and Mass Communication.

#### Day-4, June-11, 2015

The fourth day of FDP focused on Research and Publications. In the first session of the day, Dr. Raju Rathod Associate Professor, GHPIBM, MBA Programme, Sardar Patel University, focused on providing inputs about Quantitative Techniques in Research through Statistical Softwares (Learning to Work with MS-Excel, SPSS, R, etc.)

In the second session, Dr. Bhaskar Pandya Faculty Member, HSS, I2IM focused on Academic Writing for Research Publications.

#### Day-5, June-12, 2015

Day fifth of the FDP focused on Networking and Collaboration. During the day, Dr. Govind Dave focused on Conference Planning and Execution, Exploring Avenues for Networking, Collaborations and Publications, Defining and Assigning Tasks, Roles, and Responsibilities.

#### Day-6, June-13, 2015

Day fifth of the FDP focused on Contemporary Areas of Management. During the day, Dr. Govind Dave focused on Faculty Paper Presentations and Plan of Action for New Elective Areas / Streams of Management under Course Curriculum for MBA / PGDM Programmes 2015 onwards. At the end of the FDP Open Session / Feedback / Evaluation was carried out.



#### CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT) FACULTY OF MANAGEMENT STUDIES (FMS) INDUKAKA IPCOWALA INSTITUTE OF MANAGEMENT (IIIM)

#### **Faculty Development Programme (FDP)**

on

#### "Management Teaching-Learning, Sectoral Research & Publications and

Collaborations"

8<sup>th</sup> June 2015 to 13<sup>th</sup> June 2015

#### LIST OF PARTICIPANTS

Sr.No	Name
1	Ms. Reshma Sable
2	Mr. Arpit Patel
3	Dr. Pranav Desai
4	Ms. Sheetal Thomas
5	Mr. Rajesh Sadhwani
6	Ms. Kirti Makwana
7	Ms. Komal Shukla
8	Ms. Krima Patel
9	Dr. Bhaskar Pandya
10	Ms. Soniya Rajput
11	Mr. Kaushik Trivedi
12	Mr. Gaurav Thakarar
13	Mr. Robert Parmar
14	Mr. Vijay Makwana
15	Ms. Krishna Parikh
16	Ms. Kinjal Bhatia
17	Mr. Kiran Vaghela
18	Mr. Dhrunal Ka. Patel





#### Expert Lecture by Prof B C Das on 4th February 2016 at 2:30 PM

3 messages

#### Dr. Neeraj Jain <neerajjain.as@charusat.ac.in>

Tue, Feb 2, 2016 at 7:09 PM

To: PDPIAS <pdpias@charusat.ac.in>, palash mandal <palashmandal.bio@charusat.ac.in>, Chirayu Desai <chirayudesai.bt@charusat.ac.in>

Dear all,

Greetings,

As a part of PDPIAS academic activity an expert lecture of Prof. B C Das, Chairman, Amity Institute of Molecular Medicine & Stem Cell Research, Amity University, Noida has been organized on 4th February 2016 at 2:30 PM for the benefit of MSc and PhD students. His title of talk will be "Search for Potential Drug Target for Effective Treatment of Cancer".

All are cordially invited.

A brief profile of Prof Das is also attached herewith.

Regards,

Neeraj Jain

\*\*\*\*\*

Neeraj Jain, PhD Assistant Professor P D Patel Institute of Applied Sciences Charotar University of Science & Technology (CHARUSAT) Changa- 388 421 Anand, India Mb: +91 99091 26264 LL: +91 2697 26 5194 Website: www.charusat.ac.in

# Prof. BC Das Brief Profile.doc

**Dr. Krunal Kachhia** <krunalkachhia.maths@charusat.ac.in> To: Mandar Kulkarni <dilipmandar.bio@charusat.ac.in> Thu, Jun 17, 2021 at 9:39 AM

[Quoted text hidden]

Dr. Krunal B. Kachhia Assistant Professor and Head Department of Mathematical Sciences P. D. Patel Institute of Applied Sciences(PDPIAS) NIRF 2020 rank-24th (https://www.nirfindia.org/2020/CollegeRanking.html) Charotar University of Science and Technology (Accredited Grade 'A' by NAAC & KCG) CHARUSAT Campus, Changa, GUJARAT, INDIA Website: https://www.charusat.ac.in/ E-mail: krunalkachhia.maths@charusat.ac.in, krunalmaths@hotmail.com. Mob. No: +91-9033974322

Prof. BC Das Brief Profile.doc 68K

**Dr. Krunal Kachhia** <krunalkachhia.maths@charusat.ac.in> Draft To: Mandar Kulkarni <dilipmandar.bio@charusat.ac.in>

PFA

[Quoted text hidden]

Thu, Jun 17, 2021 at 9:46 AM

## Amity University, UP Amity Institute of Molecular Medicine & Stem Cell Research Prof. Bhudev C. Das

Bhudev Chandra Das, PhD, FNASc, FASc, FAMS, FNA & J.C. Bose National Fellow.

Chairman & Hargobind Khorana Chair Professor Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) Amity University Uttar Pradesh, Sector-125, Noida, India-201313 Tel: +(91)-0120-4586855 Mob: 98105-66870, 98105-37835 Email: bcdas@amity.edu; bcdas48@hotmail.com Website: www.amity.edu



<u>Former Director & Prof Gurbaksh Singh Chair Professor</u> Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR), University of Delhi (North Campus), Delhi – 110 007, INDIA,

<u>Formerly Founder Director,</u> Institute of Cytology and Preventive Oncology (ICPO) Indian Council of Medical Research (ICMR), Noida-201301, UP.

Dr. Das has made outstanding contributions in the field of **Cancer Research, Tumor Virology, Human Genetics and Mutation Research.** During the last 39 years of his distinguished research career he has published more than 210 research papers in reputed international journals and distinguished himself as a renowned Molecular Oncologist. Dr. Das has earned his M.Sc. and Ph.D. degree from Banaras Hindu University, Varanasi. He later worked several years with the Nobel Laureate, Prof. Harald zurHausen (Nobel Prize, 2008) at German Cancer Research Centre (DFKZ), Heidelberg, (Germany) and later pioneered the work in India on **Human Papillomavirus (HPV)** that causes cervical and other cancers. He established National and WHO Regional HPV Referral Centre for South-East Asia at ICPO. His present areas of research are **transcriptional regulation, miRNA regulation, cancer stem cell and cancer drug discovery.** 

So far 32 Ph.D. and 79 MD/MS/DM/DNB/DM students have received their degrees under his supervision and guidance. Dr. Das is the recipient of President's gold medal for most prestigious **Dr. B.C. Roy National Award** of MCI, **Sandoz Oration Award** of ICMR and is a **Fellow of International Union Against Cancer (UICC)**, Geneva. He is a **Fellow** of all four major national science and medical academies, (**FNA, FASc, FNASc & FAMS**). Dr. Das was elected **President of Indian Association for Cancer Research (IACR)** from 2006-2009. He was a PI and a **WHO** expert advisor of the **Global HPV LabNet & HPV Vaccine Program** at, Geneva for several years. Dr. Das has received several other prestigious awards e.g., **Ranbaxy Medical Research Award**, **Dr. P.N. Wahi Award of ICMR, Ramniklal J. Kinarivala Cancer Research Award** of Gujarat Cancer Research Institute, Ahmedabad, **Dr. P. N. Chhuttani Oration Award** of National Academy of Medical Sciences (NAMS), **FICCI Award**, and **SAASCR Award** of the Society for American-Asian Scientists in Cancer Research, USA. Dr. Das is recipient of the prestigious **J.C. Bose National Fellowship (2008-2016).** 

Dr. Das is member of several scientific task force, Project Review Committees and high powered committees, Associate Editor, editorial board member and reviewer of several reputed national and international journals.

#### **Report on commemoration of World Cancer Day on 4th February 2016**

# Expert Talk by Prof. Bhudev C Das entitled "Search for Potential Drug Target for Effective Treatment of Cancer".

Venue: Conference Hall, PDPIAS Date: 04.02.2016 Time: 2:30 PM onward

An expert talk by renowned cancer scientist Prof. Bhudev C Das was organised to commemorate World Cancer Day. Professor Das is a former director of ICMR-Institute of Cytology and Preventive Oncology and presently Chairman of Amity Institute of Molecular Medicine & Stem Cell Research, Amity University, Noida. The event commenced with the floral welcome of Prof. Das followed by his introduction of by Dr. Neeraj Jain, Assistant Professor, PDPIAS. Prof. Das delivered a special talk on the Search for Potential Drug Target for Effective Treatment of Cancer and shared his research on molecular aspects towards the development of molecular target for cancer therapy. The talk was followed by interactive session between Prof. Das, and faculty members and masters and PhD students. During the interactive session, Prof. showed praised quality of question being asked by the participants Approximately, hundred participants comprising of MSc and Phd students and faculty members of PDPIAS staff members of CHRF participated in the event.

#### **Report prepared by:**

Dr. Neeraj Jain, Date: 06.02.2016

#### Expert Lecture by Prof B C Das Date: 4th February, 2016

#### Venue: Conference Hall, First Floor, PDPIAS Building, CHARUSAT, Changa

#### List of Participants

No of Faculty Members: 12 No of Students: 34

		List of Attendences (	/		
Sr No	ID No	First Name	Middle Name	Last Name	Department
1	15BT001	NIKI	MUKESH	ADHVARYU	Biology
2	15BT002	BARKHABEN	YOGESHKUMAR	BHAGAT	Biology
3	15BT003	KRISHNA	KAMABHAI	CHAUDHARI	Biology
4	15BT004	DIXA	JIVRAJ	CHAUHAN	Biology
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9	15BT009	PRACHI	ANILKUMAR	NIMBALKAR	Biology
10	15BT010	JENALI	MEHUL	PANDYA	Biology
11	15BT011	KOMALBEN	MANJIBHAI	PARMAR	Biology
12	15BT012	HITARTH	VIJAYKUMAR	PATEL	Biology
13	15BT013	MANSI	MAHESHKUMAR	PATEL	Biology
14	15BT014	MOXA	KANUBHAI	PATEL	Biology
15	15BT015	NISHABEN	SURESHBHAI	PATEL	Biology
16	15BT016	SONU	VIMALKUMAR	SHAH	Biology
17	15BT017	HINAL	BHARATSINH	ZALA	Biology
18	15BT018	DIPAV	NARENDRAKUMAR	PATEL	Biology
19	15MI002	HETAL	BHARATKUMAR	DANI	Biology
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26	15MI009	DISHANT	UTPALBHAI	PATEL	Biology
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29	15MI012	NIKITABEN	BHARATBHAI	PATEL	Biology
30	15MI013	POOJA	ASHOKKUMAR	RATHOD	Biology
31	15MI014	RICHA	AJAYKUMAR	SHAH	Biology
32	15MI015	SHABNAMBANU	ABDULSATTARBHAI	SHAIKH	Biology
33	15MI016	AKANKSHA	VINODKUMAR	SHUKLA	Biology
34	15MI017	KOMALBEN	PRAKASHKUMAR	TILWANI	Biology

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1	Prof. R. V. Upadhyay	PDPIAS	
2	Prof. R. M. Patel	PDPIAS	
3	Prof. A. K. Ray	PDPIAS	
4	Prof. T. K. Chaudhary	KRADLE	
5	Dr. Bragdish Iyer	PDPIAS	
6	Dr. Seema Amin	PDPIAS	
7	Dr. Darshan Patel	PDPIAS	
8	Dr. Gayatri Dave	PDPIAS	
9	Dr. Aditi Buch	PDPIAS	
10	Dr. Neeraj Jain	PDPIAS	
11	Dr. Chirayu Desai	PDPIAS	
12	Dr. Janki Thakkar	PDPIAS	



#### Expert Lecture by Dr. Nitin Bhate on Polymers - 23 February 2016

#### Rakesh Dave <rakeshdave.bt@charusat.ac.in>

Tue, Feb 23, 2016 at 12:31 PM

To: "Dr. R M Patel" <rmpatel.aoc@charusat.ac.in>, "Dr. Arabinda Ray" <arbindaray.aoc@charusat.ac.in>, Kaushal Patel <kaushalpatel.bt@charusat.ac.in>, Subrata Pal <subratapal.bc@charusat.ac.in>, Abhishek Dadhania <abhishekdadhania.bt@charusat.ac.in>, Vaibhav Patel <vaibhavpatel.bt@charusat.ac.in>, Janki Thakker <jankithakker.bt@charusat.ac.in>, Bragadish Iyer <bragadish.as@charusat.ac.in>, Gayatri Dave <gayatridave.bt@charusat.ac.in>, "Dr. Neeraj Jain" <neerajjain.as@charusat.ac.in>, "Dr. Jagdish Patel" <jagdishpatel.biochem@charusat.ac.in>, Aditi Buch <aditibuch.biochem@charusat.ac.in>, Darshan Patel <darshanpatel.bt@charusat.ac.in>, seema amin <seemaamin.bt@charusat.ac.in>, hilor pathak <hilorpathak.mi@charusat.ac.in>, Chirayu Desai <chirayudesai.bt@charusat.ac.in>, palash mandal <palashmandal.bio@charusat.ac.in>, Kinnari Parekh <kinnariparekh.rnd@charusat.ac.in>, "Dr. C K Sumesh" <cksumesh.cv@charusat.ac.in>, Manan Shah <mananshah.phys@charusat.ac.in>, Urvesh Soni <urveshsoni.phys@charusat.ac.in>, sanni kapatel <sannikapatel.phys@charusat.ac.in>, Hashmukh Gajera <hasmukhgajera.phys@charusat.ac.in>, mort. Anjana Kothari" <anjanakothari.rnd@charusat.ac.in>, Sachin Joshi <sachinjoshi.rnd@charusat.ac.in>, Maths <maths@charusat.ac.in> Cc: "Dr. R V Upadhyay" <rvu.as@charusat.ac.in>

Dear Sir / Madam

An Expert talk by Dr. Nitin Bhate, Associate Professor, Department of Chemical Engineering, The M. S. University of Vadodara is scheduled as under:

Date : 23 February 2016 Time : 02.45 p.m. Venue : CHARUSAT Conference Hall, PDPIAS

#### Title : "A play way method to introduce polymers and Their waste management"

Please find attached herewith the brief profile of Dr. Nitin Bhate.

All faculty members are requested to attend the same.

With Regards

--Rakesh Dave Assistant Registrar P. D. Patel Institute of Applied Sciences Charotar University of Sciences and Technology CHARUSAT Campus, Changa - 388421 Email : rakeshdave.bt@charusat.ac.in Phone : 02697-265192 Mobile : 9825964854

Expert Lecture by Dr. Nitin Bhate on 23rd Feb 2016.pdf 95K

# **Our Speaker**



**Dr. Nitin Bhate** Associate Professor, Chem. Engg. Dept., The M.S. University of Baroda

# Title of the Talk: "A play way method to introduce polymers and Their waste management"

Date & Time	:	23 <sup>rd</sup> February 2016 @ 2.45 pm
Venue	:	CHARUSAT Conference Hall, PDPIAS.

Brief Introduction of Dr Bhate.

Dr. Nitin Bhate is a Chemical Engineer from IIT Mumbai and has more than 8 years of teaching and research experience. In addition he has 3 years experience of consultancy. He joined M S University Baroda in the year 2006. He has about 15 publications to his credit in National and International journals and about 6 have been communicated. He has also co-authored two books on Process Dynamics and Heat Transfer.

His areas of research are Thermodynamics, Reaction Engineering and Polymer degradation.

Dr. Bhate has a passion for Laboratory Development and finding innovative ways to simplify teaching-learning process. Presently he is associated with the Tata Centre for Technology and Design to device card and board games to make chemistry interesting and meaningful to Class VII and VIII students. Additionally he makes extensive use of such tools to teach undergraduate Chem. Engineering subjects. He is a Life Member of Indian Institute of Chemical Engineer (IIChE ) and elected as a "Joint Secretary" of Baroda Regional Center of IIChE.

# <u>Report</u>

Title of the Talk: "A play way method to introduce polymers and Their waste management" Date & Time: 23rd February 2016 @ 2.45 pm Venue: CHARUSAT Conference Hall, PDPIAS

An expert talk on "A play way method to introduce polymers and Their waste management" by Dr. Nitin Bhate was held on 23/02/20216. He presented the important properties of plastics under the caption "know your plastics before you say No".

He discussed the importance of recycling process and the advantages of plastic reuse for environment.

After an interesting talk, he used a play model for students to introduce the polymers. Students have enjoyed his talk and interestingly play the game.

Some glimpses are here.....






# Speaker: Dr. Nitin Bhate

# "A play way method to introduce polymer and their waste management" Date: 23rd February, 2016

# Venue: Conference Hall, First Floor, PDPIAS Building, CHARUSAT, Changa

# List of Participants

No of Faculty Members: 08 No of Students: 27

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5	Dr. Kaushal Patel	PDPIAS	
6	Dr. Vaibhav Patel	PDPIAS	
7	Dr. Abhishek Dadhania	PDPIAS	
8	Dr. Subrata Pal	PDPIAS	

# P D Patel Institute of Applied Sciences CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# <u>REPORT</u>

# **S S BHATNAGAR MEMORIAL LECTURE SERIES – INAUGURAL LECTURE**

Date: 09-Jan-2016 Expert: Professor Roop Malik, TIFR Venue: Conference hall, PDPIAS

Seminar topic: Tiny Machines, Big Tasks Category: Skill development, research methodology, interdisciplinary research Number of participants: 71 students, 7 research scholars, 29 faculty members (total = 107)

The inaugural lecture of SS Bhatnagar memorial lecture was delivered by Professor Roop Malik, Associate Professor, Tata Institute of Fundamental Research, Mumbai. He has unique set of skills and unique background of Ph.D. in physics and post-doctorate in Biology.

Dr. Malik gave an interesting talk on Molecular Motors – specifically the cytoskeleton and transport proteins in the cells. He termed them tiny machines who carry out huge amount of work at Biological level, without the aid of molecular motors normal cellular functions would cease. He highlighted the structure, function and the importance of molecular motors like kinesin and dynein. He used very simple terminologies and examples to explain the phenomenon. He also showed his work with laser beam of the optical trap he built for studying these proteins/molecular motors. Dr. Malik also shared interesting information about the use of ATP as energy by these molecular motors, his various hypotheses which try to explain the functioning of these tiny machines in the cell.

Dr. Malik concluded his lecture by briefing about his gear model of the transport proteins. After the lecture students, research students and faculty were given a chance to interact with Dr. Malik.



Dr. Krunal Kachhia <krunalkachhia.maths@charusat.ac.in>

# Regarding SS Bhatnagar memorial lecture series to organized at CHARUSAT on 8th and 9th January 2016

1 message

**Rakesh Dave** <rakeshdave.bt@charusat.ac.in> To: Charusat Family <charusatfamily@charusat.ac.in> Wed, Dec 30, 2015 at 10:09 AM

Dear All,

You might be aware that we, at CHARUSAT, are going to host a lecture series in the memory of a renowned and visionary Indian scientist, Sir Shanti Swaroop Bhatnagar. He was the founder director general of the Council of Scientific and Industrial Research (CSIR) and also the first chairman of the University Grant Commission (UGC). A chemist by profession, Sir Bhatnagar was deeply involved in solving several key problems related to chemical and petrochemical industries. His scientific contributions had a very large impact on the well-being of our society. Most of the national research laboratories that we have today in our country were established under his supervision and guidance. He played a major role in building the India's scientific and technological infrastructure after independence. In order to honor his contributions and achievements in Indian science, CSIR instituted an award "Shanti Swaroop Bhatnagar award" for science and technology that is conferred to Indian scientists who has contributed significantly in various branches of science and engineering. This award is considered to be the most esteemed and prestigious in Indian interdisciplinary science and was first conferred in 1958.

The lecture series that we are hosting will have speakers from various fields of science and engineering and who are recipients of the prestigious SS Bhatnagar award. The inauguration of this lecture series is being organized to be on 8<sup>th</sup> and 9<sup>th</sup>January, 2016. Prof. Roop Mallik, Department of Biological Sciences, TIFR, Mumbai is going to inaugurate the lecture series and spend the two days with us interacting with the students and faculty members. He will be talking to us on "Tiny Machines, Big Tasks". The abstract of his lecture and a brief CV of his are attached for your perusal. We believe that this initiative will have a good impact on the CHARUSAT family and encourage us to be productive researchers. Your cooperation and presence on this occasion is very crucial to make this event successful. Therefore, I would request you to block your calendar for those two days and make the event a grand success. An agenda detailing various programs, venue and time will be communicated in a following email soon.

Co-ordinator for Lecture Series : Dr. Bhaskar Borah,

Assistant Professor

Department of Physical Sciences, PDPIAS

6/12/2021

Charotar University of Science & Technology Mail - Regarding SS Bhatnagar memorial lecture series to organized at CHARUSAT on 8th and 9th January 2016

Email: bhaskarborah.phys@charusat.ac.in

### With Regards

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Rakesh Dave Assistant Registrar P. D. Patel Institute of Applied Sciences Charotar University of Sciences and Technology CHARUSAT Campus, Changa - 388421 Email : rakeshdave.bt@charusat.ac.in Phone : 02697-265192 Mobile : 9825964854

Charusat-Mallik.pdf



# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), ANAND, GUJARAT

INVITATION

# To the Inaugural Ceremony of S. S. Bhatnagar Lecture Series and The Inaugural Lecture of the series

# by Dr. Roop Mallik on "Tiny Machines, Big Tasks"

Date: 9<sup>th</sup> January 2016 Time: 10:30 am to 12:30 pm Venue: Conference Hall, First Floor, PDPIAS Building, CHARUSAT, Changa

# About Dr. Roop Mallik:

Dr. Roop Mallik is a PhD in condensed matter physics. He is currently an associate professor in TIFR, Mumbai and works on Biological Physics. He is interested in force generation by nanoscale molecules called Motor proteins which generate tiny forces to power many biological processes (e.g. for you to move your hand). In these situations, many motors must work collectively in large teams. His lab uses laser light to measure this collective force inside living cells with the precision of a single motor's force. Dr. Mallik was awarded the prestigious SS Bhatnagar award in 2014 for his outstanding research work in biological science.



# Tiny Machines, Big Tasks:

Much of biological motion is driven by nanoscale enzymes called "Motor" proteins. A motor burns chemical energy to initialize a nanometre-scale deformation inside the cells of your body, and then amplifies it using a lever mechanism. Tiny forces can thereby be generated to do useful work (such as moving your hand, batting your eyelids etc.). I will give a brief introduction to how these Motor proteins work. It is quite remarkable that nanometre-scale motion of many such individual motors can collectively yield deformations on the scale of metres. How does collective function of tens/hundreds of motors emerge from the single-molecule properties of a motor? It appears that certain motors are specially adapted to work in large teams, but others are not. We will discuss the fascinating choices that Nature makes in design of these Motor proteins.

Charotar University of Science and Technology (CHARUSAT) CHARUSAT Campus, Changa – 388421, Ph: 02697 248202, Fax :02697-247100 website:www.charusat.ac.in





S S Bhatnagar memorial lecture series to organize at CHARUSAT on 8th and 9th January 2016

# **Roop Mallik**

Associate Professor Department of Biological Sciences Tata Institute of Fundamental Research India

# Biography

Dr. Roop Malik is an Associate Professor at the Department of Biological Sciences, Tata Institute of Fundamental Research. He studies Molecular motors transport material within the cell. These mechanochemical enzymes generate forces of the order of pico-Newtons. Their function is important for the overall organization of the cell. Optical trap based singlemolecule in vitro measurements with purified motors have revealed the force, step size and other properties of their motion. However, these measurements are done under artificial conditions. We are working to extend such measurements inside living cells, where several motors with inclination to walk in different directions are simultaneously active on a single cargo. The goal is to understand how the net activity of these motors is regulated to achieve useful directed transport.

# **Research Interest**

Biophysics of molecular motor complexes.

# S. S. Bhatnagar Lecture Series The Inaugural Lecture of the series by Dr. Roop Mallik on "Tiny Machines, Big Tasks" Date: 8 and 9 th January 2016

### Venue: Conference Hall, First Floor, PDPIAS Building, CHARUSAT, Changa

#### List of Participants

No of Faculty Members: 33 No of Students: 75

Students

Sr No	ID No	First Name	Middle Name	Last Name	Department
1	15PHY001	MAYUR	KANUBHAI	BHARVAD	Physics
2	15PHY002	RAJESH	ISHWARBHAI	CHALODIYA	Physics
3	15PHY003	ARTIBEN	BHIKHUBHAI	CHAUDHARI	Physics
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### List of Faculty

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3	Prof. A. K. Ray	PDPIAS
4	Prof. T. K. Chaudhary	KRADLE
5	Prof. A. D. Patel	CSPIT
6	Dr. Ravish Patel	RPCP
7	Prof. Govind Dave	I2IM
8	Prof. Manan Raval	RPCP
9	Dr. Bragdish Iyer	PDPIAS
10	Dr. Seema Amin	PDPIAS
11	Dr. Darshan Patel	PDPIAS
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15	Dr. Chirayu Desai	PDPIAS
16	Dr. Janki Thakkar	PDPIAS
17	Dr. Kaushal Patel	PDPIAS
18	Dr. Vaibhav Patel	PDPIAS
19	Dr. Abhishek Dadhania	PDPIAS
20	Dr. Subrata Pal	PDPIAS
21	Dr.C. K. Sumesh	PDPIAS
22	Dr. Kinnari Parekh	KRADLE

Dr. Bhaskar Borah	PDPIAS
Dr. Rucha Desai	PDPIAS
Dr. Manan Shah	PDPIAS
Dr. Krunal Kachhia	PDPIAS
Mr. Vyomesh Nandurbarkar	PDPIAS
Ms. Niru Patel	PDPIAS
Ms.Reshma Sanjhira	PDPIAS
	Dr. Rucha Desai Dr. Manan Shah Dr. Krunal Kachhia Mr. Vyomesh Nandurbarkar Ms. Niru Patel

### List of Research Scholars

Sr. No.	Name	Institute
1	Prasad Atmaram Andhare	PDPIAS
2	Zarana Laherisheth	PDPIAS
3	Nidhi Parikh	PDPIAS
4	Nirav Patel	PDPIAS
5	Prakash Sharma	PDPIAS
6	Jaykumar Patel	PDPIAS
7	Disha Patel	PDPIAS

# P D Patel Institute of Applied Sciences Charotar University of Science and Technology

# <u>REPORT</u>

## EXPERT LECTURE ON CHEMISTRY AT INTERFACE WITH BIOLOGY

# Date: 27-July-2015 Expert: Professor A. P. Mishra

Venue: Conference Hall, PDPIAS

Seminar topic: Chemistry at interphase with biology
Category: Skill development, research methodology, interdisciplinary research
Number of participants: 61 students, 5 research scholars, 33 faculty members (total = 99)

An expert lecture/seminar was delivered by Professor A. P. Mishra, Professor, Department of Chemistry, H. S. Gaur Central University, Sagar, Madhya Pradesh. Professor Mishra specialises in synthesis and characterization of novel chemical compounds, their derivatives and their application in field of Biology.

Dr. Mishra gave an interesting talk on how the knowledge of Chemical Sciences should be explored for potential applications in the field of Biology. He discussed about the synthesis of some bioactive Schiff bases and their metal chelates for application as antibacterial. He highlighted his research work with Schiff bases salicylidene–2- aminophenol (H2SAPh), furfurylidene-N-phenylthiourea (FNPTU) and salicylidene-N-phenylthiourea and their complex with metals such as cobalt (II), Nickel (II) and Copper (II). He emphasised on the need for new molecules with potential applications as antibacterials. Dr. Mishra gave a detailed account of various preliminary, secondary and confirmatory tests and analysis his team carried out before considering a molecule for potential applications. Dr. Mishra discussed about his vision of finding potential drugs for some of the very dangerous infections like tuberculosis. He shared that the interdisciplinary research in Physics, Chemistry and Biology will hold the key for seeking solutions to many of the current problems.

Dr. Mishra thanked all the audience and concluded his lecture by briefing about his ongoing work on chlorophenol Schiff bases and derivatives. After the lecture, students, research students and faculty were given a chance to interact with Professor Mishra.



Dr. Krunal Kachhia <krunalkachhia.maths@charusat.ac.in>

# Invitation to attend Expert Lecture by Professor A. P. Mishra on 27th July 2015 at PDPIAS

1 message

**Rakesh Dave** <rakeshdave.bt@charusat.ac.in> To: PDPIAS <pdpias@charusat.ac.in> Mon, Jul 27, 2015 at 10:15 AM

Dear Sir / Madam

Professor A.P. Mishra, H. S. Gour Central University, Sagar (M.P.) is at PDPIAS CHARUSAT on 27th July 2015 (Monday).

Professor Mishra will deliver Expert Talk titled ' Chemistry at the interface with Biology: Some Fascinating aspects.

Date : 27th July 2015 Time : 02.30 p.m. Venue : CHARUSAT Conference Hall, PDPIAS.

All the faculty members are cordially invited to attend the same.

Faculty members are also requested to inform the students as under for attending the lecture.

M Sc. (Advanced Organic chemistry) (Sem-I and III).
 M. Sc (Biotechnology, Microbiology, Biochemistry) - Sem III.
 All Research Scholars of Biological Sciences, Chemical Sciences, Physical Sciences, respective research supervisor is requested to inform their research scholars.

With Regards Rakesh Dave

----- Forwarded message -----From: "APMishra SagarUniv." <apm19@rediffmail.com> Date: Jul 25, 2015 8:48 AM Subject: Re: requesting a lecture by you..... To: <sachinjoshi.rnd@charusat.ac.in> Cc: Dear Dr.Joshi;

Title of my talk about 45 mins; ' Chemistry at the interface with Biology: Some Fascinating aspects.

Professor A.P.Mishra, D.Phil.,D.Sc.(Alld),FIC,MNASc. Laboratory of Biocoordination & Synth.Inorg.Chem. Department of Chemistry , H.S.Gour Central University,Sagar(M.P.)470003,INDIA (Sectional President-Chemical Sciences 102nd INDIAN SCIENCE CONGRESS;Member Editorial- Everyman's Science; Member Academic Council; EX-Director-Institute of Distance Education; EX-Editor- Madhya Bharti Journal-Science; Coordinator-IGNOU Study Centre- 1507; Ex-Chairman-Central Admission Cell; Council Member-Indian Chemical Society (2014-16); Vice-President ICC ) Ph.(R)+91-7582-265661;(0)+91-7582-265265; 09425425938 Email; apm19@rediffmail.com; apmishrasagar@gmail.com

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Rakesh Dave Assistant Registrar P. D. Patel Institute of Applied Sciences Charotar University of Sciences and Technology CHARUSAT Campus, Changa - 388421 Email : rakeshdave.bt@charusat.ac.in Phone : 02697-265192 Mobile : 9825964854

# Professor A. P. Mishra

Ph.D. D.Sc. (Alld), FIC, MNASc
Professor
Laboratory of Biocoordination and Synthesis of Inorganic Chmeicals
Department of Chemistry
H. S. Gour Central University, Sagar, Madhya Pradesh

# Other positions held

Sectional President – Chemical Sciences 102 Indian Science Congress Member Editorial – Everyman's Science Member Academic Council: Director, Institute of Distance Education Editor: Madhya Bharti Journal Science Coordinator: Indira Gandhi National Open University

# Area of research

Synthesis of novel chemical derivatives and compounds and study of their application as potential drugs.

# Expert Lecture/Seminar on Chemistry at the Interphase of Biology Dr. A . P. Mishra Date: 27-July-2015

# Venue: Conference Hall, First Floor, PDPIAS Building, CHARUSAT, Changa

### **List of Participants**

No of Faculty Members: 33 No of Students: 61 No. of research students: 5

### Students

Sr No	ID No	First Name	Middle Name	Last Name	Department
1	15PHY001	MAYUR	KANUBHAI	BHARVAD	Physics
2	15PHY002	RAJESH	ISHWARBHAI	CHALODIYA	Physics
3	15PHY003	ARTIBEN	BHIKHUBHAI	CHAUDHARI	Physics
4	15PHY004	BHARATBHAI	RAMABHAI	CHAUDHARI	Physics
5	15PHY005	VILAS	PABABHAI	CHAUDHARI	Physics
6	15PHY006	ISMAILHUSAIN	ABIDALI	DEDHAROTIYA	Physics
7	15PHY007	SONAMBEN	SHANTIBHAI	MAYANI	Physics
8	15PHY012	JUHI	BHUPENDRA	PATEL	Physics
9	15PHY013	MOHAMMADYUNUS	ABDULRAZAK	SHAIKH	Physics
10	15PHY014	PARUL		YADAV	Physics
11	15AOC002	HIRAL	MAYURKUMAR	BHATT	Chemistry
12	15AOC003	MOHMADSOAB	SABIRMIYAN	BHATTHI	Chemistry
13	15AOC005	HARSHADKUMAR	RAMESHBHAI	CHAUHAN	Chemistry
14	15AOC006	PARESHKUMAR	RAVJIBHAI	CHAUHAN	Chemistry
15	15AOC007	RAJENDRAKUMAR	SUKABHAI	DABHI	Chemistry
16	15AOC008	PREXABEN	RAJNIBHAI	KACHHIYA	Chemistry
17	15AOC009	DIVYESHKUMAR	NARENDRASINH	MAKWANA	Chemistry
18	15AOC010	KHUSHUBU	PIYUSHBHAI	MEHTA	Chemistry
19	15AOC011	ABBASALI	GULAMMOHAMMAD	MOMIN	Chemistry
20	15AOC017	BHAVESHREEBEN	RASHMIKANT	PATEL	Chemistry
21	15AOC018	DHRUVALKUMAR	RATILAL	PATEL	Chemistry
22	15AOC019	DHRUVINKUMAR	VINAYBHAI	PATEL	Chemistry
23	15AOC020	HARSHITKUMAR	SURESHBHAI	PATEL	Chemistry
24	15AOC021	KRISHNA	JANAK	PATEL	Chemistry
25	15AOC022	PRITESHKUMAR	DILESHBHAI	PATEL	Chemistry
26	15AOC023	SHETULKUMAR	BHALABHAI	RABARI	Chemistry
27	15AOC024	SANGEETA	AK	SAHOO	Chemistry
28	15AOC025	NIYATI	KISHORBHAI	VEGAL	Chemistry
29	15AOC026	YUVRAJSINH	ANUPSINH	ZALA	Chemistry
30	15AOC027	DIPTI	GIRISHBHAI	VISPUTE	Chemistry
31	15AOC028	AISHWARYA	NICHOLAS	REBELLO	Chemistry
32	15AOC031	RUTU	ASHWINBHAI	PATEL	Chemistry

				1	
33	15BT001	NIKI	MUKESH	ADHVARYU	Biology
34	15BT002	BARKHABEN	YOGESHKUMAR	BHAGAT	Biology
35	15BT003	KRISHNA	KAMABHAI	CHAUDHARI	Biology
36	15BT004	DIXA	JIVRAJ	CHAUHAN	Biology
37	15BT005	FATEMA	MUSTAFA	CURRIM	Biology
38	15BT006	ASHITA	RAJESHBHAI	DESAI	Biology
39	15BT007	DEVANSHI	SHARAD	JOSHI	Biology
40	15BT008	RAVIKUMAR	JAYESHKUMAR	JOSHI	Biology
41	15BT009	PRACHI	ANILKUMAR	NIMBALKAR	Biology
42	15BT010	JENALI	MEHUL	PANDYA	Biology
43	15BT011	KOMALBEN	MANJIBHAI	PARMAR	Biology
44	15BT012	HITARTH	VIJAYKUMAR	PATEL	Biology
45	15BT013	MANSI	MAHESHKUMAR	PATEL	Biology
46	15BT014	MOXA	KANUBHAI	PATEL	Biology
47	15BT015	NISHABEN	SURESHBHAI	PATEL	Biology
48	15BT016	SONU	VIMALKUMAR	SHAH	Biology
49	15BT017	HINAL	BHARATSINH	ZALA	Biology
50	15BT018	DIPAV	NARENDRAKUMAR	PATEL	Biology
51	15MI002	HETAL	BHARATKUMAR	DANI	Biology
52	15MI003	PARAGI	HITESH	DESAI	Biology
53	15MI004	MONALI	DEEPAKKUMAR	GANDHI	Biology
54	15MI010	JANKIBEN	CHANDRAVADAN	PATEL	Biology
55	15MI011	MIKISHA	RAJESHKUMAR	PATEL	Biology
56	15MI012	NIKITABEN	BHARATBHAI	PATEL	Biology
57	15MI013	POOJA	ASHOKKUMAR	RATHOD	Biology
58	15MI014	RICHA	AJAYKUMAR	SHAH	Biology
59	15MI015	SHABNAMBANU	ABDULSATTARBHAI	SHAIKH	Biology
60	15MI016	AKANKSHA	VINODKUMAR	SHUKLA	Biology
61	15MI017	KOMALBEN	PRAKASHKUMAR	TILWANI	Biology

# List of Faculty

Sr. No.	Name of the faculty	Institute
1	Prof. R. V. Upadhyay	PDPIAS
2	Prof. R. M. Patel	PDPIAS
3	Prof. A. K. Ray	PDPIAS
4	Prof. T. K. Chaudhary	KRADLE
5	Prof. A. D. Patel	CSPIT
6	Dr. Ravish Patel	RPCP
7	Prof. Govind Dave	I2IM
8	Prof. Manan Raval	RPCP
9	Dr. Bragdish Iyer	PDPIAS
10	Dr. Seema Amin	PDPIAS
11	Dr. Darshan Patel	PDPIAS
12	Dr. Gayatri Dave	PDPIAS
13	Dr. Aditi Buch	PDPIAS
14	Dr. Neeraj Jain	PDPIAS
15	Dr. Chirayu Desai	PDPIAS

Dr. Janki Thakkar	PDPIAS
Dr. Kaushal Patel	PDPIAS
Dr. Vaibhav Patel	PDPIAS
Dr. Abhishek Dadhania	PDPIAS
Dr. Subrata Pal	PDPIAS
Dr.C. K. Sumesh	PDPIAS
Dr. Kinnari Parekh	KRADLE
Dr. Bhaskar Borah	PDPIAS
Dr. Rucha Desai	PDPIAS
Dr. Manan Shah	PDPIAS
Dr. Krunal Kachhia	PDPIAS
Mr. Vyomesh Nandurbarkar	PDPIAS
Ms. Niru Patel	PDPIAS
Ms.Reshma Sanjhira	PDPIAS
Mr. Rajesh Savalia	PDPIAS
Mr. Rajendra Chauhan	PDPIAS
Mr. Pallav Shah	PDPIAS
Miss Nikita Bhangale	PDPIAS
	Dr. Kaushal Patel Dr. Vaibhav Patel Dr. Abhishek Dadhania Dr. Subrata Pal Dr.C. K. Sumesh Dr. Kinnari Parekh Dr. Bhaskar Borah Dr. Rucha Desai Dr. Rucha Desai Dr. Manan Shah Dr. Krunal Kachhia Mr. Vyomesh Nandurbarkar Ms. Niru Patel Ms.Reshma Sanjhira Mr. Rajesh Savalia Mr. Rajendra Chauhan Mr. Pallav Shah

### List of Research Scholars

Sr. No.	Name	Institute
1	Prasad Atmaram Andhare	PDPIAS
2	Zarana Laherisheth	PDPIAS
3	Nidhi Parikh	PDPIAS
4	Nirav Patel	PDPIAS
6	Jaykumar Patel	PDPIAS



Charotar University of Science and Technology Faculty of Medical Sciences Ashok & Rita Patel Institute of Physiotherapy



# **CHARUSAT Endowment Chair Activity - ARIP**

A Two days workshop on

# "Leadership in Physiotherapy" Date: 21<sup>st</sup> & 22<sup>nd</sup> July, 2015 Total Credit Hours: 12 CPD Hrs

This two day workshop will be an interactive introduction to leadership in physiotherapy. Importance will be placed on individual development of leadership skills and capabilities.

# <u>Course Coordinator</u>

Professor Dr Gillian Webb PT PhD Chair, WCPT-AWP region Physiotherapy School of Health Sciences The University of Melbourne Australia



Professor Gillian Webb is the Chair of the Asia West Pacific Region WCPT and the President of the International Society of Physiotherapy Educators. She has extensive experience in curriculum design in many countries including India, Nepal, Afghanistan, Fiji, Malaysia and Indonesia and has been involved in physiotherapy education for more than forty years. Her research interests are in health professional education and particularly in clinical education and curriculum development. She has leaded a number of workshops in the region on accreditation and regulation, curriculum development and in leadership.

# **REGISTRATION DETAILS:**

- Registration Fees: Rs.1500/-
- Limited seats only (30)
   (First come first serve basis)
- Target participants: Faculties, clinicians and post graduate students
- Registration fee includes Certificate, Breakfast, Lunch & tea with snacks.
- Last date for Registration : 18<sup>th</sup> July,2015
- Venue is 15 KM from Nadiad and 20 KM from Anand.

# Topics to be covered

- Why leadership is important
- Theories of leadership and team work
- Characteristics of leadership
- Adult learning principles
- Advocacy and health promotion
- Understanding yourself as a leader

For Registrations,

**Contact:** Dr Anjali Patel Tutor, ARIP Mobile No: 9714230534 Contact between 9.00 am - 4.30 pm

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# CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY FACULTY OF MEDICAL SCIENCES ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY (A Constituent of CHARUSAT)

# **Report on ARIP's CHARUSAT endowed chair activity**

ARIP has invited eminent academician and researcher, **Prof Dr Gillian Webb**, PT, Ph. D, Chair, WCPT- AWP region, Physiotherapy School of Health Sciences, The University of Melbourne, Australia from 18<sup>th</sup> July, 2015 to 26<sup>th</sup> July, 2015 to interact with students and faculties on various topics like clinical education, leadership in physiotherapy, advocacy in physiotherapy, curriculum development, etc as a ARIP's CHARUSAT endowed chair activity.

Professor Gillian Webb is the Chair of the Asia West Pacific Region WCPT and the President of the International Society of Physiotherapy Educators. She has extensive experience in curriculum design in many countries including India, Nepal, Afghanistan, Fiji, Malaysia and Indonesia and has been involved in physiotherapy education for more than forty years. Her research interests are in health professional education and particularly in clinical education and curriculum development. She has leaded a number of workshops in the region on accreditation and regulation, curriculum development and in leadership.

Two days workshop on "**Leadership in Physiotherapy**" was organized on 21<sup>st</sup> & 22<sup>nd</sup> July, 2015 at ARIP which has total 12 CPD hours. In this session, she has enlightened importance, theories, characteristics of leadership, team work, understanding you as a leader in which importance was placed on individual development of leadership skills and capabilities. Faculties and student had actively participated in discussions and practical demonstrations.

It was wonderful having such an eminent personality with us to share their knowledge and expertise. We have gained lots of knowledge about promoting leadership in physiotherapy as well as health care. We would like to express our gratitude towards institute and university to provide us opportunity to be with such renown personality.













# WORKSHOP ON ETHICAL ISSUES IN HUMAN RESEARCH

# 3<sup>rd</sup> October'2015

# Venue: Pri. B.I.Patel Human Resource Development Center, CHARUSAT

Research Cell at Ashok & Rita Patel Institute of Physiotherapy is pleased to organize the 1<sup>st</sup> Workshop on **"Ethical Issues in Human Research**. This is an opportunity to experience the interactive learning forum that will address the ethical and practical challenges in developing, reviewing, conducting, and overseeing human research. This workshop offers participants an opportunity to expand their professional knowledge by connecting with colleagues and learning from eminent resource persons in the field of research ethics.

# Why Ethics are important?

Research that involves human subjects or participants raises unique and complex ethical issues and concerns for a researcher. Research ethics is specifically interested in the analysis of ethical issues that are raised when people are involved as participants in research.

# Workshop Highlights

- Educational sessions led by experts in human research
- Interactive approaches to ethical review and informed consent process
- Breakout sessions and group discussions on clinical research scenarios

# **Target Audience**

- All MPT Students( mandatory for 1st and 2nd Semester)
- IRB Committee Members at ARIP
- All PG faculties at ARIP, CHARUSAT

# **Resource Persons**

# Workshop Contents

- Historical Perspectives in Human research
- Various Guidelines Relating to Human Research
- Ethical Issues in Human research
- Vulnerable Populations
- Ethical Review Process
- Informed Consent
- Responsibility of Researchers to the Community
- Breakout sessions and Group Discussions
- 1. Dr Barna Ganguly, HoD, Department of Pharmacology, Pramukhswami Medical College, Karamsad.
- 2. Dr Parthasarathi Ganguly, Addl Professor, Indian Institute of Public Health, Gandhinagar.

CHARUSAT



# **WORKSHOP SCHEDULE**

Welcome Address & Introduction	9:00:9:10 AM
Historical Perspectives and Guidelines in Human research	9:10-9:45 AM
Research Planning	9.45 -10:30 AM
Tea break	10.30 -10.45AM
Ethical Issues in Human Research	10:45- 11:30 AM
Ethical Review Process	11:30-11:50 AM
Breakout Session -I	11:50-12:30 PM
Lunch Break	12:30-1:00 PM
Vulnerable Population, Informed Consent Process, Conflict of Interest	1:00-2:00 PM
Breakout Session -II	2:00-2:45 PM
Responsibility of Researchers to Community	2:45-3:15PM
Tea Break	3:15- 3.30 PM
Publication Ethics	3:30-4:15PM
Vote of Thanks & Felicitation	4:15-4:30 PM

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# W. .

ASSOCIATE PROFESSOR & PRINCIPAL I/C ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY CHARUSAT CAMPUS, CHANGA AT. CHANGA - 388 421 TA. PETLAD, DIST. ANAND (GUJARAT)

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### **ORGANIZING COMMIITTEE**

#### PATRONS

Shri. Surendrabhai M. Patel, President, CHARUSAT Dr. M. C. Patel, Secretary, Kelavani Mandal Shri Ashok Patel, Patron, ARIP Smt. Rita Patel, Patron, ARIP Dr. B.G. Patel, Provost, CHARUSAT Prof. Dileep Mavalankar, Director, IIPH University, Gandhinagar

### **ADVISORY COMMITTEE**

Shri Ashok Patel, Advisor, CHARUSAT Shri Devang Joshi, Registrar, CHARUSAT

# CONVENER

Dr. M Balaganapathy (PT), Principal, ARIP

**CO-CONVENER** 

Dr. Parthasarathi Ganguly, Addl. Professor, IIPH University, Gandhinagar

# **ORGANIZING SECRETARY**

Dr. Prakash V (PT), Asst. Professor, ARIP

# JOINT ORGANIZING SECRETARY

Dr. Dhruv Dave (PT), Asst. Professor, ARIP

### **STUDENT ORGANIZING SECRETARY**

Dr. Sweni Shah (PT), 4th sem MPT

<b>REGISTRATION COMMITTEE</b>	FINANCE COMMITTEE
Dr. Krupa Patel (PT)	Dr. Mansi Soni (PT)
Dr. Sweta Upadhyay (PT)	Dr. Hetshri Shah (PT)
Dr. Shreya Patel (PT)	Dr. Krishna Bhatt (PT)
Ms. Lata Nair	<b>TRAVEL &amp; ACCOMMODATION</b>
STAGE COMMITTEE	COMMITTEE
Dr. Arpita Jingar (PT)	Dr. Gaurav Solanki (PT)
Dr. Trishna Korde (PT)	Dr. Hemal Patel (PT)
Dr. Himadri Lakhani (PT)	Dr. Megha Chavda (PT)
Dr. Mansi Shah (PT)	Dr. P Ratan Khuman (PT)
Dr. Anjali Patel (PT)	FOOD & HOSPITALITY
SCIENTIFIC COMMITTEE	COMMITTEE
Dr. Zafar Azeem (PT)	Dr. Rikin Patel (PT)
Dr. Dipika Rohadia (PT)	Dr. Pritesh Rajpurohit (PT)
Dr. Nency Pandya (PT)	Dr. Shraddha Gandhi (PT)

Dr. Garima Gedamkar (PT)

# dhi (PT) Dr. L Surbala Devi (PT)

#### **REGISTRATION FEE DETAILS**

Category	Upto 30 <sup>th</sup> Sept. 2015	From 1 <sup>st</sup> Oct. to 31 <sup>st</sup> Oct. 2015	Spot Registration**
Student Delegate*	₹ 1500	₹ 2000	₹ 2500
Delegate	₹ 2000	₹ 2500	₹ 3000
Accompanying Person	₹ 1500	₹ 2000	₹2500



(\*Student delegate should provide bonafide certificate from college/ university)

(\*\*Spot registration would be subject to availability of seats)

(\*\*\* Payment can be made by Multicity Cheque / Demand Draft. Payment made by cheque / demand draft should be drawn in favour of

### "Charotar University of Science & Technology" payable at Anand)

chapcon15registration.arip@charusat.ac.in

# **IMPORTANT DATES**

Last date of abstract submission: 15th October, 2015 Declaration of Abstract acceptance: 31st October, 2015 Last date of full paper submission: 15th November, 2015

### chapcon15scientific.arip@charusat.ac.in **CONFERENCE SECRETARIAT**

Ashok & Rita Patel Institute of Physiotherapy (ARIP) CHARUSAT Campus, Changa Taluka: Petlad, Dist: Anand, Gujarat, India Pin Code: 388 421 Phone: 02697-265261, 265264, Mob. 08155854703 Email: chapcon15convener.arip@charusat.ac.in

# LOCATION MAP





# CHARUSAT PHYSIOTHERAPY CONFERENCE (CHAPCON)

# CHAPCON-2015

Cultivate, Collaborate, Conquer

Theme

# **"PHYSIOTHERAPY IN PUBLIC HEALTH"**

(An International Physiotherapy Conference)

DATES: 18<sup>th</sup> & 19<sup>th</sup> DECEMBER 2015 VENUE: CHARUSAT Campus, Changa, Anand, Gujarat, India Website: www.chapcon.in

Jointly Organized by:



Ashok & Rita Patel Institute of Physiotherapy, CHARUSAT, Changa

**Indian Institute of Public Health**, Gandhinagar



INDIAN INSTITUTE OF PUBLIC HEALTH GANDHINAGAR

### **ABOUT CHAPCON 2015**

CHAPCON-2015 is conceived as an international physiotherapy conference with the theme of "Physiotherapy in Public Health". CHAPCON 2015 will explore the roles and various avenues of physiotherapy and public health in contributing towards improving general health of Indian population and thus reduce the disease burden in terms of mortality and morbidity. The contribution of physiotherapy in addressing public health concerns along with the key factors necessary for understanding effective interventions, including prevention, for Non Communicable Diseases (NCDs) and their risk factors will be explored during the course of this event.

This will be a landmark event in the culmination of Physiotherapy and Public Health professions, which have much to contribute to each other to improve the health status of country and to better care with patients.

"This is an important opportunity for you to enjoy the fellowship of like-minded colleagues and experts from the fields of Physiotherapy and Public Health."

### **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 64 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, Applied Sciences, Nursing, Physiotherapy, and other Paramedical Sciences.

- Semester system based continuous evaluation with cumulative grade point average
- 105 acre of eco-friendly Wi-Fi university with 200 Mbps Internet facility
- Unique research & development centre, 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 institute of Charotar University of Science & Technology (CHARUSAT) has started its academic session from the year 2009-10. It offers the Bachelor of Physiotherapy (B.P.T.) programme, Master of Physiotherapy (M.P.T.) programme in 7 specialities namely Musculoskeletal Sciences, Neurological Sciences, Cardio pulmonary Sciences, Rehabilitation, Paediatrics, Sports Sciences, Women's Health and Doctorate (Ph.D.) programme.

ARIP has a vision to become a leading institute in providing evidence based physiotherapy education, research and patient care.

### **ABOUT IIPH UNIVERSITY**

The Public Health Foundation of India (PHFI) is a public private initiative that has collaboratively evolved through consultations with multiple constituencies including Indian and international academia, state and central governments, multi & bi-lateral agencies and civil society groups. Launched by Public Health Foundation of India (PHFI), Indian Institute of Public Health Gandhinagar (IIPHG), established in 2008, aims to strengthen the overall health system in the country through education, training, research, and advocacy/policy initiatives. Recently IIPHG has become a university under IIPHG Act, 2015 of Gujarat state. IIPHG, the first Public health university in the country, offers a wide range of fulltime programmes like Masters in Public Health (MPH), Post Graduate Diploma in Public Health Management (PGDPHM), Associate Fellow of Industrial Health (AFIH). It also offers a number of e-learning courses and short term trainings each year. Doctoral and post doctoral programs will also be starting shortly. IIPHG also has a strong research portfolio with national and international partners.

### **OBJECTIVES OF CHAPCON 2015**

- To foster interdisciplinary collaborations in education and research between physiotherapy and public health professionals
- To communicate and explore the role of physiotherapy in reducing the burden of chronic disorders (Non communicable diseases).
- To discuss the key factors to understand effective interventions, including prevention, for NCDs and their risk factors.
- To encourage physiotherapists to play active role in public health

# **THEMES AND SUBTHEMES**

- 1. Public Health (Global And Indian Perspective)
  - Impact Of Disease Burden
  - Government Policies For Improving Public Health
  - Disaster Management, trauma care and Physiotherapy
- 2. Chronic, Non Communicable diseases & Lifestyle Role of Physiotherapy and exercise medicine
  - Impact Of Diabetes , Hypertension, Obesity, Stroke And Physical Inactivity On Public Health
  - Fitness Concerns of 21st Century and Preventive Aspects of Physiotherapy
  - Physiotherapy Role In Non Communicable Diseases
- 3. Urban & Rural Health Promotion
  - Role Of Physiotherapy in Primary Health Care Centers
  - Rehabilitation Facilities Available in Rural Setups
  - Community Physiotherapy in Rural Health Promotion
- 4. Technological Innovations and Public Health Concerns
  - Role of Modern Technology and Innovations in Public Health
  - Tele-Rehabilitation







CHARUSAT PHYSIOTHERAPY CONFERENCE (CHAPCON)

# CHAPCON-2015

Cultivate, Collaborate, Conquer

DATES: 18<sup>th</sup> & 19<sup>th</sup> DECEMBER 2015

VENUE: CHARUSAT Campus, Changa, Anand, Gujarat, India Website: www.chapcon.in

То,\_\_\_\_\_

Jointly Organized by:



Ashok & Rita Patel Institute of Physiotherapy, CHARUSAT, Changa

Indian Institute of Public Health, Gandhinagar





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CH15002	Jigarkumar Mehta	Karamsad
CH15003	Daxa Mishra	Anand
CH15004	Nirav Vaghela	Karamsad
CH15005	Shweta Parikh	Anand
CH15006	Apexa Raithatha	Karamsad
CH15007	Megha Sheth	Ahmedabad
CH15008	Vaishali Kapadia	Vadodara
CH15009	Parita Joshi	Ahmedabad
CH15010	Komalben Shah	Ahmedabad
CH15011	Hejal Patel	Anand
CH15012	Nikita Patel	Anand
CH15013	Dhwani Dakoria	Surat
CH15014	Komal Bhatt	Surat
CH15015	Sonal Rathod	Saijpur
CH15016	Sneha Sailor	Surat
CH15017	Twisha Kansara	Navsari
CH15018	Neha Jariwala	Surat
CH15019	Sweni Shah	Vadodara
CH15020	Darshanaben Nariya	Surat
CH15021	Aditi Gandhi	Nadiad
CH15022	Ekta Shah	Nadiad
CH15023	Krupa Shah	Nadiad
CH15024	Priyanka Patel	Anand
CH15025	Jenita Patel	Nadiad
CH15026	Juhi Thakkar	Ahmedabad
CH15027	Vandita Soni	Nadiad
CH15028	Shivani Bhatt	Nadiad
CH15029	Dipika Chauhan	Nadiad
CH15030	Sonia Gajnani	Ahmedabad
CH15031	Madhavi Mehta	Mithapur
CH15032	Shweta Patel	Ahmedabad
CH15033	Ravi Devaliya	Ahmedabad
CH15034 Nupur Sutariya Vasna		Vasna
CH15035		
CH15036	Zainab Batawala	Ahmedabad
CH15037	Heenaben Rathwa	Keshod
CH15038	Mirali Gohil	Anand
CH15039	Poojakumari Sah	Ahmedabad
CH15040	Bhavika Gohel	Rajkot
CH15041	Zinal Parmar	Ahmedabad
CH15042	Preeti Rathava	Vadodara
CH15043	Hetal Jain	Ahmedabad
CH15044	Priyansha Chhetri	Dehradun
CH15045	Ritika Mani	Dehradun
CH15046	Hardeep Negi	Dehradun

Amrita Singh	Dehradun
· · · · ·	Dehradun
	Dehradun
Ameer Khan	Dehradun
Sanjay Maithani	Dehradun
Ravindra Kapurwan	Dehradun
Chintan Parikh	Surat
Shrestha Goyal	Dehradun
Mahima Sharma	Dehradun
Heta Patel	Nadiad
Suchi Patel	Anand
Tanvi Patel	Ghodhra
Pooja Soni	Ghodhra
Mittal Jain	Ghodhra
Vidhi Bhatt	Ghodhra
Mili Bhimasiya	Ghodhra
Ronak Bhatiya	Ghodhra
Smit Sadhu	Ghodhra
Hetal Patel	Ghodhra
Bhumi Patel	Ghodhra
Chintan Patel	Ghodhra
Arpita Rana	Ghodhra
Disha Shrimali	Ghodhra
Vaibhavi Solanki	Ghodhra
Dhara Patel	Ghodhra
Rutikaben Patel	Ghodhra
Snehal Parmar	Ghodhra
Sejalben Taviyad	Ghodhra
Dixitaben Contractor	Ghodhra
Shrishma Patel	Toronto, Canada
Nishita Patel	Halol
Vidhyakiran Chaudhri	Surat
Disha Ram	Junagadh
Dixa Patel	Navsari
Ravina Patel	Nadiad
	Valsad
Trupti Bhelka	Nadiad
Ami Patel	Navsari
Aesha Shah	Dahegam
	Sanjay Maithani Ravindra Kapurwan Chintan Parikh Shrestha Goyal Mahima Sharma Heta Patel Suchi Patel Tanvi Patel Pooja Soni Mittal Jain Vidhi Bhatt Mili Bhimasiya Ronak Bhatiya Smit Sadhu Hetal Patel Bhumi Patel Chintan Patel Arpita Rana Disha Shrimali Vaibhavi Solanki Dhara Patel Rutikaben Patel Snehal Parmar Sejalben Taviyad Dixitaben Contractor Shrishma Patel Nishita Patel Nishita Patel Nishita Patel Vidhyakiran Chaudhri Disha Ram Disha Ram Disha Ram Disha Ram Disha Ram

CH15086	Dharti Desai	Bharuch
CH15087	Hiral Patel	Nadiad
CH15088	Sweta Patel	Borsad
CH15089	Ankita Raiyani	Nadiad
CH15090	Radhika Tadvi	Dahod
CH15091	Bansi Acharya	Nadiad
CH15092	Mansi Joshi	Porbandar
CH15093	Priyanka Selot	Dahod
CH15094	Ruche Acharya	Himmatnagar
CH15095	Mamata Desai	Mehsana
CH15096	Rahi Shah	Nadiad
CH15097	Sejal Patel	Ankleshwar
CH15098	Dhruvi Kaka	Vapi
CH15099	Rujuta Mahla	Chikhli
CH15100	Daksha Dayani	Surat
CH15101	Bhargavi Patel	Chikhli
CH15102	Vidhya Dadwani	Anand
CH15103	Nisha Vahora	Anand
CH15104	Juhi Bhoi	Nadiad
CH15105	Deval Amin	Ahmedabad
CH15106	Anisha Panchal	Ahmedabad
CH15107	Pankti Patel	Ahmedabad
CH15108	Dhruvi Dalwadi	Anand
CH15109	Ekta Soni	Anand
CH15110	Priya Bhavsar	Mahemdabad
CH15111	Bhuvnesh Patel	Anand
CH15112	Dhruvi Patel	Nadiad
CH15113	Chandani Patel	Anand
CH15114	Pooja Shah	Vadodara
CH15115	Dhruvisha Shah	Vadodara
CH15116	Surbhi Shah	Vadodara
CH15117	Drushti Sheth	Vadodara
CH15118	Devarshi Bhatt	Vadodara
CH15119	Vaibhavi Patel	Vadodara
CH15120	Tarpan Shah	Surat
CH15121	Hiral Shah	Surat
CH15122	Vrunda Patel	Piplag
CH15123	Shraddha Vankar	Ahemedabad

Vibhuti Patel	Valvod
Tanushree Ghosh	Ahemedabad
Ishani Shah	Anand
Vrunda Patel	Ahemedabad
Khusbu Patel	Nadiad
Vruddhi Patel	Vadodara
Janki Prajapati	Anand
Mausam Amin	Anand
Arachna Patel	Anand
Vrunda Patel	Vadodara
Divya Patel	Ahmedabad
Hiran Pandya	Ahmedabad
Nutan Poddar	Ahmedabad
Hiral Modi	Ahmedabad
Namrata Parekh	Anand
Vyoma Joshi	Ahmedabad
Nikita Tipnis	Bhavnagar
Himangini Chauhan	Ahmedabad
Krupa Gohil	Ahmedabad
Pooja Patel	Vadodara
Archi Soni	Nadiad
Vidhi Solanki	Petlad
Vaidehi Inamdar	Anand
Hetvi Thaker	Bakrol
Priya Patel	Nadiad
	Tanushree GhoshIshani ShahVrunda PatelKhusbu PatelVruddhi PatelJanki PrajapatiMausam AminArachna PatelVrunda PatelDivya PatelHiran PandyaNutan PoddarHiral ModiNamrata ParekhVyoma JoshiNikita TipnisHimangini ChauhanKrupa GohilPooja PatelArchi SoniVidhi SolankiVaidehi InamdarHetvi Thaker

**<u>Note</u>**: List Includes the Name of Delegates Whose Cheque/DD Are Received.

# Charotar University of Science and Technology Ashok & Rita Patel Institute of Physiotherapy Report on CHAPCON 2015

CHARUSAT Physiotherapy Conference (CHAPCON-15), an international physiotherapy conference with the theme of "Physiotherapy in Public Health" was organized by Ashok & Rita Patel Institute of Physiotherapy on 18<sup>th</sup> and 19<sup>th</sup> December 2015 at CHARUST campus, Changa. The inauguration of conference was held on 18<sup>th</sup> December 2015 at 6pm. Dr AT Leuva, (Dean, Medical College, Baroda) was the chief guest of the function. In his speech, he acknowledged the growth of physiotherapy as a profession and significance of its role in public health. Dr BG Patel, (Provost, CHARUSAT) presided over the function. Dr MC Patel (Secretary, Kelavani Mandal) Shri Naginbhai M. Patel (President, CHRF) and Dr M Balaganapathy (Principal, Ashok & Rita Patel Institute of Physiotherapy) were also present during the inauguration.

More than 160 delegates across India have attended the conference and presented research papers on public health. Renowned experts in public health and physiotherapy across India and other parts of the world including Dr Damodar Bachani( Deputy Commissioner, Ministry of Health and Family Welfare, Government of India, New Delhi), Prof Dileep Mavalankar (Director,Indian Institute of Public Health, Gandhinagar), , Prof Arun Maiya (Manipal University), Prof AGK Sinha (Punjabi University ), Pavithra Rajan (Fellow, Shastri Indo-Canadian Institute, Canada), Dr K Hariohm, (Translation resource manager & Faculty, Centre for Evidence based Neurorehabilitation, Chennai), Dr Saurab Sharma (University School of Medical Sciences, Nepal), Dr Chitra Kataria (Indian Spinal Injury Centre, New Delhi) delivered speeches and participated in panel discussion on several significant issues related to public health and physiotherapy.

A small Cultural Programme was been held for the guests by the Student Council Members. Various Poster and Paper presentations were been presented by the students and faculties of Physiotherapy and the best three poster and paper presentations were been awarded with prizes. All the Guests appreciated for organizing the conference. It was overall a Successful Conference as it provided awareness of Physiotherapy in Public Health.





# **CPR workshop on 21/12/2015**

Hetshri Shah <hetshrishah.phy@charusat.ac.in> Thu, Dec 17, 2015 at 10:38 AM To: Anjali Patel <anjalipatel.phy@charusat.ac.in>, Arpita Jingar <arpitajingar.phy@charusat.ac.in>, Dipika Rohadia <dipikarohadia.phy@charusat.ac.in>, "Dr. Dhruv Dave" <dhruvdave.phy@charusat.ac.in>, "Dr. Gaurav Solanki" <gauravsolanki.phy@charusat.ac.in>, "Dr. Mansi Soni" <mansisoni.phy@charusat.ac.in>, "Dr. Rikin Patel" <rikinpatel.phy@charusat.ac.in>, Garima Gedamkar <garimagedamkar.phy@charusat.ac.in>, hemal patel <hemalpatel.phy@charusat.ac.in>, krishna bhatt <krishnabhatt.phy@charusat.ac.in>. Krupa Patel <krupapatel.phy@charusat.ac.in>, L Surbala <lsurbala.phy@charusat.ac.in>, Mansi Shah <mansishah.phy@charusat.ac.in>, Nency Pandya <nencypandya.phy@charusat.ac.in>, P Ratan <pratan.phy@charusat.ac.in>, Prakash Vaidhyalingam cprakashv.phy@charusat.ac.in>, Pritesh Rajpurohit <priteshrajpurohit.phy@charusat.ac.in>, Shraddha Gandhi <shraddhagandhi.phy@charusat.ac.in>, Shreya Patel <shreyapatel.phy@charusat.ac.in>, Sweta Upadhyay <swetaupadhyay.phy@charusat.ac.in>, Zafar Azeem <zafarazeem.phy@charusat.ac.in>, Shuchi Joshi <shuchijoshi.phy@charusat.ac.in>, megha chavda <meghachavda.phy@charusat.ac.in> Cc: "Dr. Bala Ganapathy" <balaganapathy.phy@charusat.ac.in>

Greetings,

we are department of Cardiopulmonary sciences and IQAC of ARIP going to organize CPR workshop on 21st December 2015 from 10:00 am to 1:00 Pm. Please let me know who all are interested to attend this course by today 4:00PM Resource person: Dr Tapas Mondal

Thank you Dr. Hetshri M Shah(PT) Library in charge Assistant professor, Ashok & Rita Patel Institute of Physiotherapy Constitute of CHARUSAT At Post: Changa Taluka: Petlad, District: Anand Pin Code: 388 421 Contact no: 02697-265272/63

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91.Bf

ASSOCIATE PROFESSOR & PRINCIPAL UC ASHON & RITA PATEL INSTITUTE OF PHYSIOTHERAPY CHARUSAT CAMPUS, CHANGA AT. CHANGA - 388 421 TA. PETLAD, DIST. ANAND (GU. ARAT)

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## **CPR workshop report**

CPR workshop was conducted on 21/12/2015 at PDPIS auditorium under Department of cardio respiratory physiotherapy and IQAC ARIP. Final year students, faculty members of ARIP participated in this workshop. In addition faculties of Nursing and MCA department also actively participated in this workshop. Dr. Tapas Mondal, Associate professor, Department of pediatrics, McMaster University, Hemilton was resource person for the workshop.



In the beginning of the workshop Dr. Tapas and his team asked participants to fill up pre participation form to get overall knowledge of the participants for COPR. His main aim was make people aware about Bystander CPR among developing countries. After filling form he explained in detail about cardiac arrest and emergencies need CPR at the field. After completing theory, hands on training for cardiac massage was conducted for each and every participant. Response and efforts of the participants was recorded. And at the end of the workshop participants were asked to fill post participation workshop form to know improved knowledge and understanding of the CPR (cardiac massage).





Partner Organizations : Latter Day Saints Charities (LDSC), The Federation of Obstetric and Gynaecological Societies of India (FOGSI), Society of Midwives of India (SOMI), Trained Nurses Association of India (TNAI)

> Manikaka Topawala Institute of Nursing CHARUSAT Campus, Changa



# 3383-IAP-Provider (BNCRP Part 1) <u>Program Report</u>



*The program 3383-Provider Course BNCRP Part 1 was organized at Manikaka Topawala Institute of Nursing on 1<sup>st</sup> August, 2015.* 

There were total 15 participant registered and amongst them 12 had participated in course.

 The Participants were consisted of ......
Nursing staff of Charusat Health and Research Foundation, Changa

#### Instructors:

- 1. Mrs. Shilpa P.M.
- 2. Mrs. Rameshwari Solanki

Lead Instructor Course Coordinator

- → As per agenda, Program commenced at 9:00 am with morning tea and breakfast and participants registered for program. They were provided a participant's kit and they also filled up Written Evaluation Pre test form.
- $\rightarrow$  All guests were welcomed with short inaugural speech.
- → Participants were divided in twogroups and Performance evaluation test was taken by their respective trainers. Afterwards Audio-Visual was shown.
- → There after they moved in skill station and worked on exercise check list Preparation for Birth and demonstrate How to prepare the area of birth before baby deliver, Routine care for new born baby and also introduced brief ventilation.
- → Thereafter participants moved for Lunch. After Lunch again participants gathered for audio-visuals and went back for skill stations. They were explained care of baby with prolonged ventilation with normal heart rate and slow heart rate. After this, each participant performed all six stages independently.
- → During Tea break participants performed and also filled up feedback forms. Instructors collected written evaluation Post test papers filled by each participants and their practical performance evaluation was conducted in their respective stations.



#### Word of thanks:

- I am thanking to Indian Academy of Pediatrics, Academy of Pediatrics- Vadodara Branch, AOP Anand- Kheda branch and NNF and NRP FGM team members for their support and encouragement for conducting this program and also thanking to all participants for their enthusiasm and involvement in program.
- I am thankful to Mr. Anil Sharma Principal, Manikaka Topawala Institute of Nursing for providing constant guidance and infrastructure facility to conduct this workshop.

I am thanking to Lead Instructor Mrs. Shilpa P.M. for her involvement and efforts to make this program successful.









Thanking You,

#### Mrs. Rameshwari Solanki

Course Coordinator and Trainer-NRP Program

Name	of Lead Instructor::	Mrs. Shi	lpa P.M	Venue o	of Cou	ırse: Manikaka	Topawala Ins	titute o	f Nursing, CHARUS.
Name	of Instructors: Mrs.	Ramesł	ıwari S			Сот	urse Id: 33	83	
					Т	otal No. of I	Participant	s Pass	ed:12
Sr	Name of	Addre	Email	Associ	Sex	Mobile	Qualificatio	Name	Designation
No.	participant	SS		ation			n	of	
								Worki ng Place	
1	Sudha Joy	CHRF	N.A	N.A	F	9428563981	GNM	CHRF	DNS
2	Rubina V. Thakor	CHRF	N.A	N.A	F	9726172334	GNM	CHRF	INCHARGE
3	Bhavika Rathod	CHRF	N.A	N.A	F	9727769576	GNM	CHRF	INCHARGE
4	Nevil Christian	CHRF	N.A	N.A	М	9924872874	GNM	CHRF	INCHARGE
5	Dayena Parmar	CHRF	N.A	N.A	F		GNM	CHRF	STAFF NURSE
6	Reena Patel	CHRF	N.A	N.A	F	9726732288	BSC NURSING	CHRF	STAFF NURSE
7	Dipika Suthar	CHRF	N.A	N.A	F	9879680099	BSC NURSIN	CHRF	STAFF NURSE
8	Divya Patel	CHRF	N.A	N.A	F	7359615661	BSC NURSIN	CHRF	STAFF NURSE
9	Mayuri Christian	CHRF	N.A	N.A	F	9586769143	GNM	CHRF	STAFF NURSE
10	Roma Patel	CHRF	N.A	N.A	F		GNM	CHRF	STAFF NURSE
11	Ronald chauhan	CHRF	N.A	N.A	М		GNM	CHRF	STAFF NURSE
12	Evansh Christi	CHRF	N.A	N.A	М		GNM	CHRF	STAFF NURSE

#### Manikaka Topawala Institute of Nursing

#### BNCRP part1"

Date: 1<sup>st</sup> August 2015 Venue: MTIN



Participants in perform redemonstration



Trainer explained the Procedure





Manikaka Topawala Institute of Nursing CHARUSAT Campus, Changa

#### **PROGRAM REPORT OF COURSE ID – 3454**

Course ID-3454 – One day Provider course (BNCRP-Part-1) was successfully conducted on 12<sup>th</sup> September, 2015 at Manikaka Topawala Institute of Nursing, a constituent of Charotar University of Science & Technology, Changa in association with Indian Academy of Pediatrics and National Neonatology Forum- Gujarat Chapter.

A total of 22 participants took part in the workshop. All the participants were divided into three groups- two groups of 7 participants each & one group of 8 members. There were total three skill stations for the training of participants. The trainers for the same were:

- 1. Ms. Anjali Tiwari- MTIN, Changa
- 2. Ms. Rameshwari Solanki- MTIN, Changa
- 3. Mr. Divya Jain- MTIN, Changa

All the participants and trainers expressed happiness with the course content, way of organizing skill station & other arrangements. All participants committed to apply this knowledge and skills in their day to day clinical work and to contribute in reducing the neonatal mortality rate.

Mr. Anil Sharma, Principal, Manikaka Topawala Institute of Nursing expressed his heartfelt thanks to IAPNRPFGM for providing their support to organize this workshop. The course created the ground for generation of interest and dissemination of the training to more potential trainees, through multiple more courses to be organized subsequent to the instant course. The workshop was beneficial for all the participants.

We, at MTIN sincerely thank IAP, NNF & NRP FGM team for facilitating this program and supporting and encouraging us to organize this workshop.

Signature Course Co-ordinator Course ID- 3454



Trainers & participants group photo after certificate distribution



Performance pre-test & post-test



Skill station session

	Venue of Course: Manikaka Topawala Institute of Nursing							
	Сог	urse Id: 3454 - IAP - Pr	ovider	(BNCRP - P-	1),			
	Total No. of Participants							
Sr No.	Name of participant	Email	Gende r	Mobile	Qualif icatio n	of Worki	Designa tion	Remarks
1	GAURAV CHRISTIAN	gauravchristian.medi@ch	Male	9974644572	GNM	CHRF	ICN	Present
2	KRISTINA SOLANKI	nil	Female	9925023670	GNM	CHRF	Staff Nurs	Absent
3	MITAL SHARMA	mital84@gmail.com	Female	9662277717	GNM	CHRF	Staff Nurs	Present
4	PRATIC PATEL	nil	Male	9662002748	GNM	CHRF	Staff Nurs	Absent
5	VAISHALI PATEL	nil	Female	7874066133	GNM	CHRF	Staff Nurs	Absent
6	SWETA PATEL	parmar2831987@yahoo.o	Female	8758638844	GNM	CHRF	Staff Nurs	Present
7	SMRUTI MACWAN	smrutimacwan@gmail.co	Female	9879680099	GNM	CHRF	Staff Nurs	Present
8	PRIYANK MACWAN	yd11289@gmail.com	Male	9429367890	GNM	CHRF	Staff Nurs	Present
9	RASHMI VANKER	nil	Female	8140573323	GNM	CHRF	Staff Nurs	Absent
10	AKSHITA PATEL	axitapatel006@yahoo.cor	Female	8153038715	GNM	CHRF	Staff Nurs	Present
11	NIMESH PATEL	nimeshpatel213@yahoo.o	Male	9574766692	GNM	CHRF	Staff Nurs	Present
12	ANJALI MACWANA	anjali_mak92@yahoo.con	Female	9173166289	GNM	CHRF	Staff Nurs	Present
13	DIPALI PATEL	nil	Female	8488969429	GNM	CHRF	Staff Nurs	Absent
14	KINJAL MACWAN	kinjalkkk@gmail.com	Female	9979355309	GNM	CHRF	Staff Nurs	Present
15	BANVIKA CHRISTIAN	nil	Female	9601287614	GNM	CHRF	Staff Nurs	Present
16	ARUNA JANI	arunajani.nur@charusat.a	Female	9924643882	P.B.B.So	MTIN	TUTOR	Present
17	ARPITA PATEL	arpitapatel.nur@charusat	Female	9974639234	B. Sc. N	MTIN	TUTOR	Present
18	NISSY EMANUEL KANT	nissykant.nur@charusat.a	Female	9712967024	M.Sc. N	MTIN	TUTOR	Present
19	SAPNA PATEL	sapnapatel.nur@charusat	Female	9913188330	M.Sc. N	MTIN	TUTOR	Present
20	JAMIN CHAUHAN	jamincahuhan.nur@charu	Male	9922388560	M.Sc. N	MTIN	TUTOR	Present
21	ANIL JARALI	anilkumarjarali.nur@char	Male	9726274388	M.Sc. N	MTIN	TUTOR	Present
22	NAZNEEN VAHORA	nazeenvahora.nur@charu	Female	9725637640	B. Sc. N	MTIN	TUTOR	Present
23	ANIL PATIDAR	anilpatidar.nur@charusat	Male	9601986002	M.Sc. N	MTIN	TUTOR	Present
24	KEYUR PATEL	keyurpatel.nur@charusat	Male	9426881766	B. Sc. N	MTIN	TUTOR	Present
25	MAKWANA ANJELINA A	ngmakwana95@gmail.cor	Female	8128489557	B. Sc. N	LRPP Ns	TUTOR	Present
26	DIGMITA M. PATEL	digmita@gmail.com	Female	9737019850	B. Sc. N	LRPP Ns	TUTOR	Present
27	PARMAR RUCHITA R.	ruchitaparmar1991@gma	Female	9512304684	B. Sc. N	LRPP Ns	TUTOR	Present

#### Manikaka Topawala Institute of Nursing

#### BNCRP part1"

#### Date: 12<sup>th</sup> September 2015

Venue: MTIN



Resource person in demonstrate the procedure



Group photo of trainer and Participant



# MANIKAKA TOPAWALA INSTITUTE OF NURSING A Constitute of CHARUSAT

# Organizing

# One Day CNE on **\* Standard Safety Precautions**

# 26<sup>th</sup> September, 2015



# CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHARUSAT CAMPUS, CHANGA Page 231

# MANIKAKA TOPAWALA INSTITUTE OF NURSING

## A CONSTIUENT OF CHARUSAT

# Report ON CNE

## **"STANDARD SAFETY PRECAUTION"**

## 26<sup>TH</sup> SEPTEMBER, 2015

#### **VENUE: AUDITORIUM, MCA, CHARUSAT CAMPUS CHANGA**

#### **Resource Person**:

- Dr. Chirag Patel, Coordinator, HICC, Consultant & Tutor Microbiology, PS Medical College & Shree Krishna Hospital, Karamsad.
- Mr. Anil Sharma, Principal, MTIN
- Ms. Anjali Tiwari, Asst. Professor MTIN

#### **Organized by:**

M.Sc.Nursing II semester students (Batch 2014-16)

**Convenor:** 

Mr. Anil Sharma, Principal MTIN

#### **Organizing Secretary:**

Ms. Deepa Nair & Mr. Deepak K, Assistant Professor, MTIN

#### Introduction

MTIN organized CNE on Standard Safety Precautions in which 300 odd delegates participated from different colleges, hospitals and school of nursing .session was carried out from morning 9.30 am to 4.30pm.

#### **Objectives:-**

- 1. To give an overview of Standardized Safety Precaution as -per CDC guidelines.
- 2. To demonstrate hand hygiene steps and use of personal protective equipments.
- 3. To highlight on respiratory hygiene in hospital setting.
- 4. To elaborate on cleaning and disinfection applicable in hospital settings.
- 5. To discuss the Waste management in hospitals.
- 6. To acknowledge the guidelines of preventing needle stick and sharps injury with safe injection practice.

#### Agenda:

TIME	ΤΟΡΙϹ	NAME OF RESOURCE
		PERSON
8:00 am to 09:30 am	Registration Breakfast	
9:31am to 11:00am	Standardize Safety Precautions Overview With demonstration of Use of Personal Protective Equipment	Dr. Chirag Patel
11:01 am to 11.15 am	Tea Break	
11:16 am to 12:30 pm	Guidelines for prevention of Needle Stick and sharp Injury and demonstration of safe injection practice	Dr. Chirag Patel
12:30 pm to 01:30 pm	Lunch	
1:31pm to 03:00 pm	Hand Hygiene Practice & Respiratory Hygiene with demonstration	Mr. Anil Sharma
03:01 pm to 03:15 pm	Tea Break	
03:15 pm to 04:30 pm	Cleaning and Disinfection in hospital setting along with waste Management	Ms. Anjali Tiwari

#### **CONCLUSION:-**

Session were interactive and informative, 7<sup>th</sup> semester students Internship GNM students participated in the program. Session has great impact on enhancing student's knowledge on Standard Safety Precaution. We thank Principal and CHARUSAT management for support and guidance in organizing program.

#### Glimpse of program.





#### Manikaka Topawala Institute of Nursing

#### a constitute of CHARUSAT

Registration details for **CNE** on held on **Standard Safety Precautions** 26<sup>th</sup> September, 2015 organized by IQAC of MTIN a constitute of CHARUSAT

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
3.	Patel Margi.S.	DPCN	MargiPatel10000@yahoo.co.in	9737913323		
4.	Patel Bansari.S.	DPCN	Bansarip@gmail.com	9714313425		
5.	Patel Lipi.K.	DPCN	Patelllipi.S@gmail.com	7405768381		
6.	Patel Krupa.K.	DPCN	Krupa2194@gmail.com	9687829912		
7.	Patel Nidhi.K.	DPCN	NidhipateInp@gmai.com	7777980901		
8.	Patel Krupa.P.	DPCN	Krupapatel1601@gmail.com	7600407088		
9.	Patel Dhruvi.A.	DPCN	Dhruvipatel1995@gmail.com	9724636477		
10.	Patel.Hetashwi.N.	DPCN	Hetashwipatel45@gmail.com	8866406685		
11.	Patel Hetaben.P.	DPCN	Hetapatel@outlook.com	8460227504		
12.	Baria Priyanka.A.	DPCN	Sujeet@com	8460227504		
13.	Parmar VAishali.V.	DPCN	Parmarvaishali9626.com	9099685695		
14.	Thakor Shreya.D.	DPCN	Thakorshreya@yahoo.com	9624124200		
15.	Varia Heena.H.	DPCN	Variaheena94@gmail.com	9689941717		
16.						

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
17.	Gamit Prabhaben Govindbhai	DPCN	Gamitprabhu@gmail.com	9099801008		
	Patel Priyankaben Nileshbhai	DPCN	Priyapatel04@gmail.com	7567301777		
18.	Patel Nidhi Sureshbhai	DPCN	Nidhipatel2226@yahoo.com	9904418273		
19.	Patel Riddhi Kamleshbhai	DPCN	Patelriddhi19056@yahoo.com	7698937363		
20.	Patel Bhumika Bhupendrabhai	DPCN	Bhumipatel51294@gmail.com	7359109891		
21.	Patel Vrushika Umeshbhai	DPCN	Vrushipatel66@yahoo.com	8487974550		
22.	Patel Disha Vinodbhai	DPCN	Dhruvipatel024@gmail.com	9714029017		
23.	Rujal.V.Dave	DPCN	-	9925628417		
24.	Chauhan Anjana Bharatsingh	DPCN		8155045356		
25.	Chauhan Hiral hitendrasingh	DPCN		9714504567		
26.	Chauhan janak vinodkumar	DPCN		9033259176		
27.	Limbachia Krishna C	DPCN		9408935274		
28.	Macwan Darryl james	DPCN		7405394919		
29.	Makwana abhishek H	DPCN		8866169577		
30.	Makwana abhyarthana M	DPCN		9624535403		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
31.	Makwana minaxi S	DPCN		7383482833		
32.	Parmar arpita B	DPCN		9157163791		
33.	Parmar Jigna M	DPCN		8140393531		
34.	Parmar Kinjal C	DPCN		9824106319		
35.	Parmar Priyanka M	DPCN		9586937174		
36.	Parmar tejaskumar R	DPCN		9426661602		
37.	Patel Heta R	DPCN		7801817574		
38.	Patel Kajal arvindbhai	DPCN		9662194975		
39.	Patel kashmira k	DPCN		9488129110		
40.	Patel mayanta D	DPCN		7096978518		
41.	Patel monalisa S	DPCN		9924651301		
42.	Patel monika D	DPCN		9624730223		
43.	Patel mrunali D	DPCN		9687041132		
44.	Patel priya b	DPCN		8811316840		
45.	Patel sweetyben	DPCN		9558982260		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
46.	Pathan tabassum A	DPCN		8128604010		
47.	Rathod hemali G	DPCN		7383211203		
48.	Raulji nisha k	DPCN		9537441839		
49.	Selot aruna b	DPCN		8141213155		
50.	Sodha palak r	DPCN		9574286922		
51.	Vaghela ketulkumar a	DPCN		9726141770		
52.	Sodha siddhi b	DPCN		7359926701		
53.	Vaghela urmi s	DPCN		8733991512		
54.	Vanad riddhi y	DPCN		8153887586		
55.	Vanad urvashi R	DPCN		7096169726		
56.	Vasaiya shital S	DPCN		8758857705		
57.	Vohra karishgma A	DPCN		9824051189		
58.	Rohit kalpana p	DPCN		9726771013		
59.	Patel riya n	DPCN		8866316495		
60.	Patel reema s	DPCN		9723477180		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
61.	Patel jenisha a	DPCN		9727396601		
62.	Patel mahima p	DPCN		7623913626		
63.	Patel kajol c	DPCN		9979412224		
64.	Barot shivangi m	DPCN		7600704065		
65.	Patel jinal m	DPCN		8460435299		
66.	Patel ami k	DPCN		9725985766		
67.	Patel nidhi h	DPCN		9662175951		
68.	Patel krushangi k	DPCN		8140469287		
69.	Patel mansi g	DPCN		7383155380		
70.	Christian twinkle b	DPCN		9558562913		
71.	Patel pragna s	DPCN		9727894479		
72.	Patel prachi a	DPCN		9662985460		
73.	Patel krupa r	DPCN		990926307		
74.	Patel lakshita j	DPCN		9924199835		
75.	Patel jimiksha s	DPCN		815493453		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
76.	Patel dhruva r	DPCN		9925030228		
77.	Patel komal p	DPCN		8511653685		
78.	Rathod dhrumit u	DPCN		9537311651		
79.	Thakor priyanka j	DPCN		8128184180		
80.	Katara sapna j	DPCN		9586005757		
81.	Sodha pinjal k	DPCN		9687448415		
82.	Bhabhor shital b	DPCN		7874010523		
83.	Dodiyar sonal g	DPCN		9726876483		
84.	Pargi twinkal p	DPCN		9574550704		
85.	Mehta janki d	DPCN		9662676295		
86.	Christian Sebestian. D	DPCN		9099771239		
87.	Kakadia Nisarg . A.	DPCN		9099504684		
88.	Parmar Varun . P.	DPCN		9909119677		
89.	Pandya Manan. M.	DPCN		8866060225		
90.	Patel divya .A.	DPCN		9173879234		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
91.	Navkar Jaydip. A	DPCN		9638085683		
92.	Singh Sandhya A	DPCN		9428309937		
93.	Vadgama Urvi. C.	DPCN		8401179921		
94.	Patel Shivani D.	DPCN		7383191621		
95.	Parmar Josna. B	DPCN		991364868		
96.	Rathod Ruchita R	DPCN		7874841419		
97.	Parmar Joncey. J	DPCN		8980539972		
98.	Parmar megha d	DPCN		9772697623		
99.	Patel kena r	DPCN		8733003816		
100.	Patel bhumi b	DPCN		9998897414		
101.	Vasava gayatri t	DPCN		7069463097		
102.	Chaudhari hetal m	DPCN		7359902158		
103.	Patel puja p	DPCN		9574448183		
104.	Patel dhruvi n	DPCN		9979278850		
105.	Mahida liza p	DPCN		8000646778		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
106.	Patel binal n	DPCN		9824314871		
107.	Parmar heena m	DPCN		9978735281		
108.	Patel Kevin s	DPCN		7405383964		
109.	Macwan rahul j	DPCN		9924644628		
110.	Christian Sharon p	DPCN		9860042216		
111.	Nayka mayuri s	DPCN		9586184846		
112.	Barot arpita d	DPCN		9558847997		
113.	Chauhan binal f	DPCN		9904032641		
114.	Goyara Krishna l	DPCN		9727459551		
115.	Kharadi jagruti r	DPCN		9033892204		
116.	Limbachia Krishna b	DPCN		7041856627		
117.	Makwana Krishna r	DPCN		9913617999		
118.	Minama bharati n	DPCN		7069813694		
119.	Munsi ruzdakhanam a	DPCN		7046405789		
120.	Ninama nidhi r	DPCN		9104401597		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
121.	Panchal shruti j	DPCN		9998092827		
122.	Pargi pratiksha v	DPCN		9879689964		
123.	Patel dharti b	DPCN		7575089772		
124.	Patel dhruvi p	DPCN		9737175514		
125.	Patel dixu j	DPCN		8511348161		
126.	Patel khusboo r	DPCN		9662319826		
127.	Patel mansi c	DPCN		7698055106		
128.	Patel prachi a	DPCN		9825403239		
129.	Patel shivani a	DPCN		9879977548		
130.	Patel shradha j	DPCN		9824569078		
131.	Vasava tabassum k	DPCN		7621849525		
132.	Vohra naurin s	DPCN		8140343063		
133.	Patel purvi g	DPCN		7383313970		
134.	Patel dhruvi d	DPCN		9714029017		
135.	Parekh Pratiksha b	DPCN		9998243168		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
136.	Chaudhari anisha j	DPCN		7874374268		
137.	Patel minal k	DPCN		9426057829		
138.	Khant sharmishtha p	DPCN		9829261947		
139.	Patel hiral m	DPCN		9574205439		
140.	Patel riya h	DPCN		8347525575		
141.	Patel mittal m	DPCN		9638365716		
142.	Patel kiran j	DPCN		9824713716		
143.	Patel ami m	DPCN		9725903221		
144.	Monica s patel	DPCN		9714372026		
145.	Patel krupali	DPCN		8238294593		
146.	Damor yogeshwari r	DPCN		9978294517		
147.	Parmar nehal k	DPCN		9726727823		
148.	Patel arisha j	DPCN		9712365536		
149.	Mirza farhin y	DPCN		9662954502		
150.	Patel kinjal n	Mahagujarat Hospital		8141780708		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
151.	Parmar heet s	Mahagujarat Hospital		9408323321		
152.	Vanda heat s	Mahagujarat Hospital		9404531529		
153.	Pandiya nita s	Mahagujarat Hospital		8511229141		
154.	Dolly seju	Mahagujarat Hospital		9924755709		
155.	Martheen rathod	Mahagujarat Hospital		7567705814		
156.	Ester n thakor	Mahagujarat Hospital		9898309457		
157.	Urmilaben Christian	Mahagujarat Hospital		-		
158.	Dr.Pratik Sawant	Mahagujarat Hospital		9662160451		
159.	Hemalata parmar	Mahagujarat Hospital		9925586211		
160.	Gaurav s Christian	CHRF		9974644572		
161.	Waghela priri b	МРИН		8759022261		
162.	Keyur m joshi	МРИН		9723610599		
163.	Patel dipti k	МРИН		9824257344		
164.	Patel mansi j	МРИН		9099480103		
165.	Prajapati purnima d	МРИН		9909910814		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
166.	Macwan pranali p	MPUH		9979942438		
167.	Solanki shital r	MPUH		9558148816		
168.	Nayi.p.d	Gn school nadiad		9998815279		
169.	Talpada priyanka g	Lrppnc.ode		9739910680		
170.	Patel Vinita g	Lrppnc.ode		9624382176		
171.	Rathod zankhana	Lrppnc.ode		9427845397		
172.	Patel shruti j	G h patel school and college of nurisng		8238012181		
173.	Dabhi lila j	G h patel school and college of nurisng		8347458850		
174.	Patel shakuntala m	G h patel school and college of nursing		9004496403		
175.	Dabhi shalom p	G h patel school and college of nursing		7777905355		
176.	Patel payal m	G h patel school and college of nursing		9537750790		
177.	Ghutiya trupti s	G h patel school and college of nursing		9727997961		
178.	Dabhi shobhna b	G h patel school and college of nursing		7698998510		
179.	Patel payal a	G h patel school and college of nursing		7698568234		
180.	Solanki sangeeta r	G h patel school and college of nursing		7621981928		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
181.	Khant ramila b	G h patel school and college of nursing		7359222467		
182.	Solanki namrata	G h patel school and college of nursing		9409129460		
183.	THAKOR MAMTA J	G h patel school and college of nursing		9638619356		
184.	Bhatt diksha s	G h patel school and college of nursing		9033198142		
185.	Satariya hiral h	G h patel school and college of nursing		9563791703		
186.	Ka patel akruti h	G h patel school and college of nursing		8866258493		
187.	Patel archana j	G h patel school and college of nursing		7203820707		
188.	Damor bharati p	G h patel school and college of nursing		8980528126		
189.	Patel gayatri p	G h patel school and college of nursing		9409697568		
190.	Chauhan hetal r	G h patel school and college of nursing		9924145123		
191.	Charel ankita r	G h patel school and college of nursing		9537954523		
192.	Parmar virbla a	G h patel school and college of nursing		9913964309		
193.	Parekh shital d	G h patel school and college of nursing		8980604449		
194.	Patel payal b	G h patel school and college of nursing		7698568234		
195.	Parmar mayurika n	G h patel school and college of nursing		7874569051		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	E mail ID	Contact no	Paid By DD/ Cash Amount	Received Kit signature
196.	Patel m nidh	G h patel school and college of nursing		8511218054		
197.	Patel damini c	G h patel school and college of nursing		9925454526		
198.	Khristi avni a	G h patel school and college of nursing		7802991553		
199.	Soni riya a	G h patel school and college of nursing		9723228501		
200.	Dabhi rachna s	G h patel school and college of nursing		7967565271		
201.	Parmar dhyesha b	G h patel school and college of nursing		9898894089		
202.	Patel kinjal k	MTIN		9558955936		
203.	Patel hiteshri k	MTIN		9558578222		
204.	Patel mayhuri s	MTIN		7874897887		
205.	Patel bindya g	MTIN		9974854466		
206.	Patel ashruti a	MTIN		9978730013		

### Manikaka Topawala Institute of Nursing Standard Safety precaution "

Date: 26<sup>th</sup> September 2015

#### Venue: RPCP Auditorium



Organizing committee



## **MANIKAKA TOPAWALA INSTITUTE OF NURSING**

## **A constituent of CHARUSAT**

# REPORT ON ENDOWMENT CHAIR SESSION MODULE-3

**Chairperson:** 

<u>Dr Kader Parahoo</u>

**Director** 

Nursing & Health Research Institute of Nursing,

## <u>Ulster University, UK</u>

Date: 23<sup>rd</sup> November to 1<sup>st</sup> December 2015

Report on Endowment Chair 2015

# MANIKAKA TOPAWALA INSTITUTE OF NURSING

#### **REPORT ON ENDOWMENT CHAIR SESSION- MODULE-3**

#### **INTRODUCTION:-**

Manikaka Topawala institute of Nursing ,constitute of CHARUSAT was organized endowment chair session module-3 which was dealt by Dr. Kader Parahoo sir from U.K director of institute of nursing & health research from 24<sup>th</sup> November to 30<sup>th</sup>. We had attended 5 days session of endowment. Dr. Kader sir having more than 35 years of experience in research area. He shared expert knowledge regarding research.

#### <u>DAY-1:-</u>

Session was started at 10:00am. On the beginning of session, Mr.Anilkumar Sharma sir, principal of MTIN, CHANGA. Introduced Dr. Kader sir. We hearty welcome Kader sir.

On the first session. Dr. Kader sir introduced about research till **11:00 am.** Dr. Kader sir explains about how to formulate research question. After that was conducted work session in three groups. In each group 6-6 student & 1 group of faculty member. In a group sir guide us how to formulate research question practically. We assigned to formulate research question on descriptive survey research design.

In that sir explains following subtopics in that session.....

- ✤ PICOT element analysis
- ✤ Factor influencing research questions
- ✤ Common strategies used in clinical research procedure
- Good research and how it should be?

At the end of this discussion all group made questions which are,

- Group 1:- A study to assess level of depression of above 60 years in selected old age home.
- Group 2:- What is the prevalence rate of malnutrition among under five years in urban area of change.
- Group 3: Effectiveness of iron and folic acid supplementation to the wives of married couple before and after pregnancy.

After that sir discussed on each questions and ended our first day session.

Report on Endowment Chair 2015
### Day-2:-

On the second day of session at **10:00 am**, sir discussed about methodology. He was conducted a work session after the discussion. He was explained about quantitative and randomize control trial research. Sir was discussed in every group separately and guided to do group activity. The members of groups involved attentively in activity and proceed to decide methodology and taught us about methodology and RCT research. In the morning session, sir was conducted whole work session. We gained a lot of knowledge and skill to how to decide methodology for the research.

Sir was assigned to task to every group, so, everyone have practical exposure to do quantitative and RCT research. We selected a one research question, decided to do work on it in the particular time period. All members were actively involved in the session.

In afternoon session around **2:00 pm**, sir discussed about research proposal. He was explained about how to write research proposal and given guidelines about criteria to be followed in writing research proposal. He was discussed main areas of research proposal in this session as below:

- ➢ Title of the study
- Introduction and background of study
- > Need for study
- ➢ Review of literature
- Methodology
- Ethical considerations
- ➢ Resources

Conclusions:- These all subtopics were explained by the sir in detail. We come to know that how to write research proposal and it gives us clear cut idea about research proposal.

The session was very interesting and useful for the study. Sir was solved out over doubts and then session was completed by around 4:00 pm.

### DAY-3

### 26/11/2015

Our session started at **9:45 am.** With the topic of systemic review workshop in this we studied

### • Definition:-

Systemic review can be defined as rigorous and systematic search selection, appraisal, synthesis and summary of finding of primary research studies in order to answer a specific question.

Primary research	Systemic research
Choose topic & formulate a questions,	Choose topic, formulate a questions,
objectives or hypothesis for which data	objectives or hypothesis in order to
are to be collected .	begun a systemic review.
Select the sample or population and	Select database & set inclusive and
study sites.	exclusive criteria for selection of studies.
Choose data collection methods	Search the literature & relevant value of
(questioners ,interview ,observation)	reliable information & collect data from
	articles using checklist.
Analyse the collected data.	Analyse & synthesis the findings of
	selected (methodologically sound)
	studies.
Draw conclusion from analysed data.	Draw conclusion from funding of review.

• Difference between primary research and systemic research

### At 10:30a .m.

We studied about the method of systemic review known as Meta-analysis.it has been defined as mathematical synthesis of result of 2 or more primary studies that address the same hypothesis in same way. Meta-analysis is in term is normally used to describe process of combining and summarizing the statistical findings of number of clinical trials. Meta-synthesis putting all together and meta- ethnography are terms that have been used interchangeably to describe the techniques or methods used to search, appraise and synthesis the findings of qualitative studies.

### 12:15-1:00pm break time

We continued our session with the steps of or process of systemic review.

- 1. Formulate or select question, aims, objectives or hypothesis.
- 2. Define term( outcome population, interview)
- 3. Set inclusive and exclusive criteria.
- 4. Select the evidence.
- 5. Select items to review.

- 6. Appraise the evidence.
- 7. Synthesis the evidence.
- 8. Concluded and make recommendation.

On the basis of which we can review an appraisal checklist

- Review appraisal checklist
  - 1. Are the questions for the review clearly stated?
  - 2. Are the terms or concept operationally defined? This will help you to decide whatever you understand the terms used in review question
  - 3. What is inclusive and exclusive criteria's? This has implication for the generalisation of the findings.
  - 4. What data base other resources where assessed?
  - 5. What terms were used in search? Are they adequate?
  - 6. How were the terms (studies) in the review appraised?
  - 7. How was the evidence combined and summarized?
  - 8. What was conclusion?
  - 9. What were limitations of the review?
  - 10. Overall collect the findings of the review.

The group participation was well with various doubt raised and Dr. Kader sir clarified our all questions.

By this we end our session at 4:00 pm.

### <u>DAY 4</u>

### 1<sup>st</sup> session

On the day 4 at 10:00 am: - It is started by Dr. Kader Parahoo about Critical Appraisal. Sir has discussed about critical appraisal framework in that subheadings are:-

- 4 Title of study
- Abstract
- Review of literature(background)
- Methodology or design
- Result
- Discussion and interpretation
- Recommendation

### 11:45 Break time

### 2<sup>nd</sup> session:-

In afternoon session sir gave one research article for critical appraisal and discuss how to appraise article critically. He discussed about all subheadings of that given article regarding critical appraisal which points where lacking and which were good regarding articles with that ended this session.

### Day 5: (30/11/2015):-

- The last day of Endowment module-3 was started at 10:00 a.m. Dr.Kader Parahoo taken lecture on "writing for publication" sub headings are;
- Preparation
- Do I have material for paper?
- What paper looks like?
- What is my targeted readership?
- What journal to be aimed at?
- > Time scale for writing and submitting.
  - Participation

### Types for publication

- Reviews
- Research reports
- Clinical articles
- Discussion papers
- Short reports
- Letters
- Opinion pieces
- What a paper should demonstrate?
- What is already known about these topics?
- What it adds?
- Heading & subheading for research study

He discussed about common comments given by the experts on research studies. In afternoon session we had given list of the questions related to research, he discussed our doubts.

### <u>Common comments</u>

### 1) Introduction and background

- Literature from one country only
- ✤ Literature out of context
- Outdated literature
- ✤ Missing literature
- ✤ No review of similar studies
- Unsubstantiated rationale
- ✤ No adequate rationale
- ✤ Aims are not clear

### 2) Samples and samplings

- Sampling frame
- Detail of selection techniques
- Sample size
- Purpose of convenience
- Composition of focus group

### • Characteristics of sample

We all MTIN family grateful to having Dr. Kader Parahoo, faculty of nursing researcher, university of Ulster, U.K. We all had enjoyed, enriched, enlighten with various aspects of research during endowment session by Dr. Kader Parahoo.

We also thankful to our beloved principal Mr.Anilkumar Sharma & all the MTIN staff to provide us great opportunity & motivated us in participation in endowment session-3.

We all are completed our Endowment Module- 3 taken by Dr. Kader Parahoo by getting advance knowledge about research learn how to do the Research critique and learn something new and not known by us about research.

Thank you so much sir for expanding and exploring our knowledge.



### Endowment chair session module 3

### Date – 23<sup>rd</sup> November 2015 to 1<sup>st</sup> December 2015

### Participant list

ID Number	Student Name	MOBILE #	Email	
14MNMH002	Makwana Brijita Manubhai 814008		brijita2012@yahoo.com	
	Christian Twara			
14MNMS001	Shashikantbhai	9558820818	ctwara@yahoo.com	
14MNMS002	Soni Prachi Ashokbhai	9879113714	soni_prachi0406@yahoo.com	
14MNMS003	Bhatt Anjali Upendrabhai	8.1551E+10	anjali07bhatt@gmail.com	
14MNPN001	Bhatia Sanjanaben Sandipbhai	9408666122	sanjanabhatia7392@yahoo.com	
14MNPN002	Bhatt Khushbu Vijaykumar	7574985117	bhatt.khushbu23@gmail.com	
14MNPN003	Patel Ankitaben Nareshbhai	8758124543	patelanku101@gmail.com	
14MNPN004	Patel Tanvi Kanaiyalal	8000019256	tanvipatel501@gmail.com	
	Chauhan Nikitaben			
15MNMS001	Harshadbhai	8866047930	nikschauhan93@gmail.com	
15 100000	Chauhan Rachanaben	0025524200		
15MNMS002	Gersombhai Chavda Bhumikaben	9925524389	rachanachauhan389@gmail.com	
15MNMS003	Prafulbhai	9033399644	bhumikiller@gmail.com	
15MNMS004	Das Nickson Praful	9426167479	bhumikiller@gmail.com	
15MNPN003	Das Deepika	9173190661	itsdeepika92@gmail.com	
	Khristi Ravinabahen			
15MNPN004	Rajnikant	9428888070	ravkhristi@gmail.com	
15MNPN005	Patel Sezal T	9925735976	psezal@gmail.com	
15MNOG001	Prajapati Jalpaben Ashokbhai	9586936357	jalpa.prajapati034@gmail.com	
15MNMH001	Thakor Rutvi Arvindbhai	9537913203	rutu.thakor.19@gmail.com	
5511	Anil Suresh Chand Sharma	8140364743	anilsharma.nur@charusat.ac.in	
5515	Vipin Vageriya	7874038375	vipinvageriya.nur@charusat.ac.in	
5521	Deepak Krishnamurthy	9173804844	deepakkrishnamurthy.nur@char usat.ac.in	
5522	Anjali Pushkar Tiwari	8141060265	anjalitiwari.nur@charusat.ac.in	
5529	Rameshwari Meghnadsinh	7567099346	rameshwarizala.nur@charusat.ac	
	Zala		.in	
5540	Sapna Bhavin Patel	9913188330	sapnapatel.nur@charusat.ac.in	
5580	Divya Jain Pachori	8758804613	divyajain.nur@charusat.ac.in	
5581	Chirag Jain	8758616455	chiragjain.nur@charusat.ac.in	
5584	Jamin Chauhan	96245695589	Jaminchauhan.nur@charusat.ac.i	
			n	

### Manikaka Topawala Institute of Nursing

"Endowment chair session module 3"

Date: 23<sup>rd</sup> November 2015 to 1<sup>st</sup> December 2015

**Venue: MTIN** 



Resource person is discussing with participants



Resource person is taking lecture



Mr. Vipin Vageriya, HOD of Pediatric department welcoming Dr. Kedar Parhoo

# WORKSHOP ON FIRST AID

Organized by Manikaka Topawala Institute of Nursing





### **Report on First aid workshop**

Organized by: Manikaka Topawala Institute of Nursing

**Date:** 2<sup>nd</sup> April 2016 (Saturday)

**Time:** 1:00 pm- 4:20 pm

Venue: Manikaka Topawala Institute of Nursing

### **Objectives:**

- At the end of the workshop the participants will understand the use and articles of first aid kit.
- The participants will know first aid treatments in various emergency situations.

### **Briefing of workshop**:

Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT, Changa had organized workshop on first aid for the faculty members of different departments of CHARUSAT. Total 23 participants had participated in the workshop. The workshop was divided in two sessions.

### Session I:

It was the introductory session. It was taken by Ms. Sapna Bhavin Patel, co-ordinator of workshop. She explained the meaning, purpose and principles of first aid. She also explained the use and preparation of first aid kit. During this session all the participants were requested to bring the first aid kit of their institutions. All kits were checked by the faculties of MTIN for their completeness by standard checklist of articles of first aid kit.



### Session II:

During this session all the participants were divided in to five groups. Five groups were asked to go to different work stations. There were total five work stations which were headed by five faculties of MTIN. Each work station has different topics of first aid to be demonstrated. Five groups were rotated tern by tern in different work station to get knowledge about different situations. The list of topics is given below.

Sr. No.	Name of topics	Name of resource person	Station No.
1	Foreign particles in ENT Choking	Ms. Sapna Bhavin Patel	1
2	Fracture, Bandaging, Transportation of patient	Mr. Anil Patidar	2
3	Accidents, CPR	Mr. Divya Jain	3
4	Bites, Burns	Ms. Alpna Patel	4
5	Poisoning, Drowning	Mr. Jamin Chauhan	5









### **Conclusion:**

The feedback provided by the participants depicts that the workshop met the expectations of participants and it was very informative and knowledgeable.

### Manikaka Topawala Institute of Nursing

### A constituent of CHARUSAT

### Workshop on first aid

### **Registration sheet**

### Date: 2<sup>nd</sup> April 2016

### Time: 1:00 pm-4:30 pm

### Venue: Manikaka Topawala Institute of Nursing

Sr. No.	Name of faculty	Institute	Attendance
1	Dr. Sanskruti Patel	CMPICA	Р
2	Mr. Pratik Mochi	EE	Р
3	Mr. Sagar Chokshi	ME	Р
4	Vishali Mewada	CE	Р
5	Ms. Mansi Paradkar	RPCP	Р
6	Ms. Trisha Patel	CMPICA	Р
7	Jil Sutariya	EE	Р
8	Mr. Zankhan Sonara	ME	Р
9	Prof. Himanshu Patel	EC	Р
10	Prof. Dhara P Patel	EC	Р
11	Chandi shah	IT	Р
12	Ms. Pooja Mistry	Civil	Р
13	Dr. Gaurav Solanki	ARIP	Р
14	Ms. Hiral Patel	RPCP	Р
15	Ms. Neha Shah	IT	Р
16	Mr. Darpan Doshi	Civil	Р
17	Ms. Khushboo Patel	CE	Р
18	Dr. Suchi Joshi	ARIP	Р
19	Mr. Milan Rabari	Admin	Р
20	Mr. Paresh Desai	Admin	Р
21	Ms. Jyotikaben V Patel	Rector	Р
22	Ms. Hanshaben Patel	Rector	Р
23	Ms. Nimishaben Patel	Rector	Р

Manikaka Topawala Institute of Nursing Workshop on "First Aid " Date: 02.04.2016 Venue: MTIN

### Glimpse of workshop on first aid



Mr. Jamin Chauhan demonstrating first aid on poisoning and drowning



n is demonstrating the first aid during poisoning and drowning





Ms. Sapna Patel taking introductory session for all the participants

Mr. Anil Patidar demonstrating bandage.



Mr. Jamin Chauhan demonstrating first aid on poisoning and drowning



Ms. Sapna Patel taking introductory session for all the participants





Ms. Alpna Patel demonstrating first aid on burns and bites



#### Resource person:-Prof. Arvind Pandey

Director, National Institute of Medical Statistics, ICMR, New Delhi

Dr. Lalitha Krishnasamy Professor & Head, Department of Nursing, NIMHANS, Bangalore

Dr. Hemant Tiwari, Associate Professor, NHL Medical College, Ahmedabad

#### **Registration Detail:-**

Early bird registration :- ₹ 700 till 15" April 2016 Late (Spot) registration:- ₹ 1000 after 15" April 2016

#### **Registration:-**

Mr. Divya Jain +918758804613 divyajain.nur@charusat.ac.in

### Accommodation & Transportation :

Manikaka Topawala Institute of Nursing (MTIN) CHARUSAT Campus, Changa, Ta. Petlad,

District Anand-388421, Gujarat

Phone- +91-2697-265201/02/08

Mr. Chirag Jain +918758616455 chiragjain.nur@charusat.ac.in

Registration & Breakfast	08:15 am to 09:00 am	Mr. Divya Jain
Inaugural Session	09:00 am to 10:00 am	Ms. Sapna Patel
Clinical Research Design-Overview	10:05 am to 12:00 pm	Prof. Arvind Pandey Ph.D., FSMS, FRSS, FAM Director, National Institute of Medi Statistics, ICMR, New De
Ethical consideration- A important key of Clinical Research	12:10 pm to 01:00 pm	Dr. Lalitha Krishnasamy Professor &Head, Department of Nursing NIMHANS, Bangalore
Lunch	01:00 pm to 02:00 pm	Mr. Vipin Vageriya
Sampling techniques and Research Analysis	02:05 pm to 03:10 pm	<b>Dr. Hemant Tiwari,</b> Associate Professor, NHL Medical College, Ahmedabad
Important area of clinical research	3:15 pm to 4:15 pm	<b>Dr. Lalitha Krishnasamy</b> Professor &Head, Department of Nursing NIMHANS, Bangalore

#### **Road Map**





th





National Workshop On "Clinical Research for Nurses" Sponsored by Indian Council of Medical Research (ICMR) 23<sup>rd</sup> April 2016

20 April 2010

#### Venue MTIN Auditorium, CHARUSAT



CHARUSAT CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY Agesis: Shri Mott: Sattavis Patidar Kelavani Mandal

#### INVITATION

#### Warm Greetings!!!...

We are pleased to invite you for National Workshop on "Clinical Research for Nurses" on 23<sup>rd</sup> April 2016 at MTIN, CHARUSAT University.

#### **CHARUSAT**

CHARUSAT is one of the leading Universities in providing quality education with more than 7000 student, 450 faculties, 500 staff and offering more than 70 courses in UG and PG. It is approved by UGC under section 22 of UGC Act and formed under Gujarat state act No. 8 of 2009. CHARUSAT is accredited with grade 'A' by KCG, Education Department, Government of Gujarat.

#### ICMR

The Indian Council of Medical Research, New Delhi, is one of the apex body in India for the formulation, co-ordination and promotion of Biomedical researches. In 1911, the Government of India set up the Indian Research Fund Association (IRFA) with the specific objective of sponsoring and co-ordinating medical research in the country. After independence, several important changes were made in IRFA and was redesigned The Indian Council of Medical Research in 1949. It is one of the oldest medical research bodies in the world.

#### MTIN

Manikaka Topawala Institute of Nursing, a constituent of CHARUSAT has started its academic session from the year 2009. MTIN has started a Bachelor of Science in nursing degree with 40 seats from 2009 with the name of Charotar Institute of Nursing and enhanced 20 seats in 2012. MTIN has started GNM with 40 seats and Ph.D Nursing from the year 2011. In year 2014 MTIN added PG Programme with 20 seats annual intake(4 seats in Medical Surgical Nursing, Child Health Nursing, Mental Health Nursing). All the courses are recognized by INC, New Delhi and GNC, Ahmedabad.

#### CHARUSAT

- 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 and percetuation of knowledge
- Policy : CHARUSAT is committed to quality in all its endeavors like teaching-learning, research and extension; to foster an intellectual culture; and develop graduates for a life of purpose, service and leadership

#### MTIN

Vision : To become a premier institute in the field of nursing education, practice and research

Mission : To prepare competent, knowledgeable and compassionate nurses having leadership quality and inclination to serve the society.

MTIN is committed to provide a qualitative nursing education with advance knowledge, skills and caring heart, who will be responsible for nations prosperity with a humanistic approach and maintain a high standard of professional care at all times to meet the needs of changing society through continuing education and contribution to professional growth.

#### **OBJECTIVES OF WORKSHOP**

It intends to.....

- Help the nurse practitioners to improve the patient's life with quality research.
- 2. Know about clinical research design.
- Acknowledge various ethical considerations for clinical research.
- 4. Update knowledge about sampling techniques and research analysis.
- Learn and share about important areas of clinical research.
   Stimulate nursing professionals and researchers regarding nursing research aspects of various diseases.

#### PATRONS

- · Shri Surendrabhai Patel, President, CHARUSAT
- Dr. M.C. Patel, Secretary, Kelavani Mandal
- Dr. B.G. Patel, Provost, CHARUSAT
- · Shri Sumitraben Patel, Donor, MTIN
- Shrimati Jyotsnaben Harishbhai Patel, Donor, MTIN

#### **ADVISORY COMMITTEE**

- Ms. Vimalben Patel, Hon' Nursing Director, MTIN
- Shri Ashokbhai Patel, Advisor, CHARUSAT
- · Dr. S.P. Kosta, Campus director, CHARUSAT
- Shri Devang Joshi, Registrar, CHARUSAT

#### **ORGANIZING CHAIRPERSON & ORGANIZING SECRETARY**

Mr. Anil Sharma Principal, MTIN

anilsharma.nur@charusat.ac.in +918140364743

### Joint Organizing Secretary

#### Ms. Rameshawari Zala

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#### Ms. Sapnaben Bhavin Patel

sapnapatel.nur@charusat.ac.in +919913188330

#### **Registration Committee**

#### Mr. Divya Jain

divyajain.nur@charusat.ac.in +918758804613

Ms. Ekta Macwan +919099957647

Ms. Sharon Raj +918460421846

### **Report on National Workshop**

Topic of National Workshop: Clinical research for nurses

Organized by: Manikaka Topawala Institute of Nursing

Date: 23rd April 2016

Venue: RPCP Auditorium, CHARUSAT

Time: 8:00 am- 4:30 pm

Organizing Secretary: Mr. Anil Sharma, Principal, MTIN, CHARUSAT

### Joint Organizing Secretary:

- 1. Ms. Rameshwary Zala, Assistant Professor, MTIN
- 2. Ms. Sapnaben Bhavin Patel, Tutor, MTIN

### **Objectives:**

- 1. Help the nurse practitioners to improve the patient's life with quality researches.
- 2. Know about clinical research design.
- 3. Acknowledge various ethical considerations for clinical researches.
- 4. Update knowledge about sampling techniques and research analysis.
- 5. Learn and share about important areas of clinical research.
- 6. Stimulate nursing professionals and researchers regarding nursing research aspect of various diseases.

### **Briefing of Workshop:**

Manikaka Topawala Institute of Nursing had organized Nation workshop on "Clinical research for nurses" which was sponsored by Indian Council of Medical Research and Charotar University of Science and Technology. The National workshop started at 8:15 am with registration and breakfast followed by Inaugural ceremony. Inaugural ceremony started at 9:45 am onwards. Prof. Arvind Pandey, Director, National Institute of Medical Statistics, ICMR, New Delhi was the Chief Guest if the function. The inaugural function started with a prayer and lamp lightening followed by welcome speech by Mr. Anil Sharma, Principal, MTIN, CHARUSAT, Changa. Then all the dignitaries and invited guests welcomed by faculties of MTIN. The guest of honour was Dr. M.C. Patel and Dr. Lalitha Krishnasamy. And Dr. B. G. Patel, Provost, CHARUSAT was the president of the inaugural session. Around 80 delegates from various institutes had participated in the workshop. The Inaugural

session was ended by the vote of thanks given by Ms. Rameshwary Zala, Joint Organizing Secretary, National Workshop on clinical research for nurses.



### Session-1:

### Resource person: Professor Arvind Pandey

Topic: Clinical research design- overview

### **Briefing of session:**

Professor Arvind Pandey took session on "Clinical research design- overview". Sir explained the research process under the titles of meaning of research question, hypothesis, types of studies, inclusion criteria, cohort studies, case control studies, clinical trials, randomization, development of instruments, descriptive and inferential statistics, validity and reliability.

### Session-2:

Resource person: Dr. Lalitha Krishnasamy

Topic: Ethical consideration- An important key of clinical research

### **Briefing of session:**

Dr. Lalitha Krishnasamy explained very well about Ethical consideration- An important key of clinical research. Madam explained in depth about Ethical non-consideration, Principles of Ethics, Clinical Research, Ethics Violation in India and Ethical Guidelines

### Session-3:

Resource person: Dr. Hemant Tiwari

Topic: Sampling techniques and research analysis

### **Briefing of session:**

Sir shared his expertise on Sampling techniques and research analysis. Sir explained survey, sampling, sampling versus non sampling error, types of sampling, power of test, sample size.

### Session-4:

Resource person: Dr. Lalitha Krishnasamy

Topic: Important area of clinical research

### **Briefing of session:**

Madam Shared her knowledge about research thrust areas as recognized by major funding agencies (ICMR), European Academy of Nursing Science, the sigma theta tau resources, and International Council of Nurses.



### Manikaka Topawala Institute of Nursing

### A Constitute of CHARUSAT

Registration details for Work shop on **"CLINICAL RESEARCH FOR NURSES BY ICMR"** held on 23<sup>rd</sup> April, 2016

Sr No.	Name of the candidate to be in Certificate	Name of the institute	Contact no
1.	Ms. Kruti Contractor		94290-64766
2.	Ms. Srushti Contractor		94276-79067
3.	Ms. JigishaShrimali		76982-71201
4.	Ms. Janki Patel	NOOTAN COLLEGE	98244-14019
5.	Ms. PriyankaChauhan	OF NURSING	84018-07821
6.	Mr. Bharat Chaudhari		99788-54320
7.	Mr. Utpal Patel		80000-82929
8.	Mr. BhargavTrivedi		84908-47654
9.	Mr.NileshRawal	SUMANDEEP	9725567971
10.	Ms.ChristianMarshnil	COLLEGE OF	7383744078
11.	Mrs.PandiyaKinjal	NURSING	9426608976
12.	Mrs.MittalPanchal		7621890744
13.	Mr.Dinesh Patidar	_	9799118181
14.	Mr.ChristianChirag		9904845192
15.	Patel DharabenHasmukhbhai		9722311353
16.	Patel Mittal V		8128405938
17.	TrivediAnkita	_	9624869373
18.	SudhanjaliBeheraPeetamber	_	7597072171
<u> </u>	DeeptPandya Rajesh	-	7819928407
20.	DoliaKiranbenRajendrakumar	-	9904820235
21.	Nikhil RawalBhupendra	-	7574936659
22.	Patel RaginibenSomabhai		7874461314
23.	Patel RoshniMahendrakumar	JOITIBA COLLEGE OF NURSING,	7600800990
<u>24.</u> 25.	Patel ShraddhaDahyabhai Privank Bhatt Pamoshchandra	BHANDU	<u>9714131577</u> 9672110275
<u> </u>	Priyank Bhatt Rameshchandra Varsha Rani Mall Dinanath	DIIANDU	9461644912
26.	Surendra Singh Bhanwar	-	9799027280
27.	JayrajsinghRanwatNarpatsingh	-	7096250339
20.	SurendraAcharyaMohanlal	-	9983981325
<u> </u>	Mahendrasingh Parmer Pratapsingh	-	9462412291
31.	Queen MonalisaSanatanManojkumar		7597637943
32.	HrishirajKamleshChaubisa	-	7779055460

Sr No.	Name of the candidate to be in Certificate	Name of the institute	Contact no
33.	VipinBansilal Patidar		9619138928
34.	Patel RinkalArvindbhai		9727284986
35.	Nayisonalbahen Ashok bhai		
36.	Patel SnehalNatarvarbhai		9923291508
37.	CharpotLinaChetanbhai		9737249993
38.	Patel DarshhnabahenHasmukhbhai		8140482082
39.	ChaudharyNikitabenBabubhai		9662527472
40.	DamoeMayurNanjibhai	CHITRINI, PRANTIJ	8669253245
41.	NinamaNiharikabahenLalitkuma r		8866379463
42.	Sharma HardikArvindbhai		9879526636
43.	Patel ParasRajuBhai		9428644487
44.	DamorChintalBhartbhai		9638348117
45.	Patel RinkalPopatbhai		9662410652
46.	DaduMahenurMohammadhusen		8690664774
47.	47.Mr. Premkumar.SC.M. PATEL		
48.	Mrs.Kalaivani .D	C.M. IAIEL	
49.	Mrs. Hema MukulPandit		
50.	KinjalHarshit Patel	Alumni Students	9558955936
51.	Rushika Patel		9924836869
52.	Swetaparmar	C.H.R.F	7874066133
53.	Grishma Patel		8511616202
54.	Dipeshapatel		
55.	Patel Krishna		
56	chauhan nikitaben harshadbhai		
57	chauhan rachnaben gersombhai		
58	chavda bhumikaben prafulbhai		
59	das nickson praful anjana shivaniben rajendra kumar		
60			
61	deepika das	MTIN	
62	khristi ravinabahen rajnikant		
63	patel sezal		
64	prajapati jalpaben ashokbhai		
65	thakor rutvi arvindbhai		
66	makwana brijita manubhai		

Sr No.	Name of the candidate to be in Certificate	Name of the institute	Contact no
67	christian twara shashikantbhai		
68	soni prachi ashokbhai		
69	bhatt anjali upendrabhai		
70	bhatia sanjanaben sandipbhai		
71	bhatt khushbu vijaykumar		
72 patel ankitaben nareshbhai			
73 patel tanvi kanaiyalal			
74	Papiya.s. chattergy	Spot reg.	
75	Salinammajacob		
76	Niluthomas		
77	Khushalilodha		
78	Elizabeth santosh		
79	Mr. rajpura sir		

### **Glimpse of National Workshop on Clinical research for nurses**



Lamp lighting by the dignitaries during the inaugural session of National Workshop



Welcome address by Mr. Anil Sharma, Principal, MTIN during inaugural session of national workshop



Dr. M.C. Patel sharing his inspirational thoughts during inaugural session of national workshop



Professor Arvind Pandey taking session on Clinical design overview



Dr. Lalitha Krishnasamy receiving memento during national workshop



Dr. Hemant Tiwari taking session on sampling technique and research analysis



Students of MTIN performing role play on ethical consideration during clinical research



Certificate distribution at the end of the National workshop



Group photo of MTIN faculties with Dr. Lalitha Krishnasamy



# MANIKAKA TOPAWALA INSTITUTE OF NURSING

A constituent of CHARUSAT

## REPORT ON ENDOWMENT CHAIR SESSION MODULE-4

Chairperson: Dr. (Prof) Assuma Beevi Director, MIMS Academy Principal, MIMS CON, Calicut

Date: 25th May, 2016 to 27th May, 2016

Prepared by: Ms. Anjali Tiwari Assistant Professor, MTIN

Endowment Chair Module-4\_May, 2016\_Dr. Assuma Beevi

Page 1

### **MANIKAKA TOPAWALA INSTITUTE OF NURSING**

### **REPORT ON ENDOWMENT CHAIR SESSION- MODULE-4**

### **INTRODUCTION:-**

Manikaka Topawala institute of Nursing, constitute of CHARUSAT organized endowment chair session module-4 which was dealt by Dr. (Prof) Assuma Beevi, Director, MIMS Academy & Principal, MIMS College of Nursing, Calicut from 25<sup>th</sup> May 2016 to 27<sup>th</sup> May 2016. The session of endowment chair was for three days. Dr. (Prof) Assuma Beevi is having more than 35 years of experience in nursing & research area. She shared her expert knowledge regarding research. All these 3 days session was enriched with knowledge & practical experiences shared by the resource person to refine the knowledge, skills & practice related to research & some topics under management & Education for faculty & students of MTIN. The sessions also provided with the opportunity to discuss the relevant topic during the lecture series & even after the lecture series with personal interaction with madam.

### **OBJECTIVES:**

The faculties & students of Manikaka Topawala Institute of Nursing are able to:

- Implement the concepts and principles of evaluation theory appropriately in evaluating the performance of the students.
- Differentiate the uses of formative, summative and confirmative evaluations.
- Use appropriately summative and formative evaluations both in teaching theory and clinical courses.
- Understand and select appropriate evaluation methodology to determine student achievement of objectives.
- Incorporate and demonstrate clinical competencies by undergraduate students.
- Acknowledge and refine knowledge in terms of research through topics of Ghant chart, facing research viva, writing research article and report, citations in nursing research and mixed method research.
- Incorporate the knowledge into practice for quality education and research in nursing.

### **SESSION AGENDA:**

	Day: 1- 25.05.2016, Wednesday			
SN	Торіс	Time	Beneficiary	
1.	Clinical assignments preparation with evaluative techniques and its documentation	9.30 - 11.00am		
	Break	11.00 -11.15 am		
2.	Clinical assignments preparation with evaluative techniques and its documentation. (cntd.)	11.15 - 12.15 pm	All Faculties of MTIN	
	Lunch break	12.15 – 1.00 pm		
3.	In house seminar on "Clinical competencies of Undergraduate students".	1.00 - 2.30 pm	<ul><li>GNM, B.Sc (N) Students</li><li>All Faculties of MTIN</li></ul>	
	Break	2.30-2.40 pm		
4.	In house seminar for Nursing teachers on "Skills for drawing question paper".	2.40 - 4.15 pm	All Faculties of MTIN	
	Day: 2- 26.05.2016, Thursday			
5.	Research Proceedings (How to prepare Ghant chart)	9.30-10.30 am		
	Break	10.30-10.45 pm		
6.	How to face Research viva	10.45-12.15 pm	<ul> <li>M.Sc (N) Students</li> <li>PhD (N) students</li> </ul>	
	Lunch break	12.15 – 1.15 pm	• All Faculties of MTIN	
7.	Writing research article and report	1.15-2.15 pm		
8.	Mixed method research	2.45-4.00 pm		
	Day: 3- 27.05.2016, Friday			
9.	Lamp Lighting ceremony & Annual day Function	9.00-1.00 pm	<ul> <li>1<sup>st</sup> year B.Sc (N) &amp; 1<sup>st</sup> year GNM students</li> <li>M.Sc (N) Students</li> <li>All Faculties of MTIN</li> </ul>	
	Lunch break	1.00-2.00 pm		
10.	State level Seminar on "Citations in Nursing Research"	2.00-4.00 pm	<ul><li>M.Sc (N) Students</li><li>All Faculties of MTIN</li></ul>	

### **BRIEFING OF THE SESSIONS:**

### <u>DAY-1:</u>

The first day session started at 9.30 am. The faculty members of MTIN were the beneficiary of the sessions of first day. Sessions began with a brief introduction given by Mr. Anil Sharma, Principal, MTIN about Dr.(Prof) Assuma Beevi. Later mam dealt with topics of "clinical assignments preparation with evaluative techniques and its documentation". In regards with same, madam explained about the various methods of evaluation and measurements, their characteristics, uses, proper technique of

identifying and using each method, advantages and limitations. Due to some technical issues the session of seminar on "Clinical competencies of Undergraduate students" was postponed to third day (27<sup>th</sup> May 2016 at 9.00 to 10.00 am). After lunch break madam



continued with session on "Nursing teachers skills for drawing question paper". In regards with same, madam explained about how and when to use different types of question patterns like multiple choice question, fill in the blanks type, essay type, true and false type, and

matching type. She explained about the skills of preparing a good examination question paper by using various principles like clarity, reliability, validity, authenticity and fairness. The sessions were very interesting and useful. Madam cleared all doubts and then session was completed by 4:30 pm.

### **DAY-2:**

The second day sessions commenced at 9.30 am for all the M.Sc (N) Students, PhD (N) students and all the faculties of MTIN. Madam mainly taught about Research topics on this day. She firstly explained about Ghant Chart-its parts, method of preparing it, its advantages and common errors in constructing a Ghant chart. She

guided the group to construct a simple Ghant chart which allowed each member of the group to get a clear idea of the topic. Later madam dealt with the topic of "Skills to face research viva". She explained about the principles of viva exam, its purpose, format, the



various ways to prepare for the viva exam and how to approach answering the viva exam. She in detail explained about the role of students, internal examiner, external

examiner and supervisor during viva exam. The members of groups involved attentively



in the session and got their practically faced issued and doubts cleared. Followed by lunch break madam explained about "how to write a research report and article". She explained the difference between a research report and article, its uses, methods of preparing and guidelines of the same. Followed by this was a session on "Mixed

Method Research." She explained about its basic components, its uses, method of planning it, areas where it can be used and various mixed method designs. She gave interesting examples of mixed method research in nursing to clear the concept of same among the group. The sessions of second day ended by 4.15 pm.

### **DAY-3:**

The third day continued with the seminar of first day on the topic "Clinical

competencies of Undergraduate students". The seminar started at 9.00 am and the audience group included students of B.Sc Nursing, GNM and faculty members of MTIN. Madam explained in detail about CBE, its characteristics, importance, elements, benefits, limitation, and its model. The group actively participated in the session and



cleared their doubts about the topics. Later from 2.00 pm onwards madam taught the topic "Citations in Nursing Research". She explained in detail the citing and referencing, various referencing systems, the Vancouver style of citation and plagiarism. She demonstrated with examples of Vancouver style of citing a journal article, a book, a chapter, multiple author article publication, article from internet sources. She also briefly explained about APA system of citation. She made the topic interesting by



sharing her personal experiences regarding the topic and demonstrating various examples. The final day of endowment session module 4 ended by 4.00 pm.

As a token of bidding farewell at the end of 3 days session, Madam obliged the students and faculty members of MTIN by

encouraging them with her inspiring thoughts to excel in our profession. The students and faculties also shared their memorable experience during these sessions and thanked Dr. Assuma Beevi mam for enriching their knowledge and skill regarding various topics of nursing education and research.

### CONCLUSION:

We sincerely thank our respected principal sir, Mr. Anil Sharma, Honorary Nursing Director mam, Ms. Vimal Patel & CHARUSAT on a whole to provide the students and faculty members of MTIN such a great opportunity to enrich our intellect & for constantly motivating us to participate in the Endowment session module 4.





Dr. (Prof) Assuma Beevi with Faculty members of MTIN



Dr. (Prof) Assuma Beevi with M.Sc (N) students of MTIN

#### Manikaka Topawala Institute of Nursing CHARUSAT Endowment Chair Module-4

Dr. (Prof) Assuma Beevi, Director, MIMS Academy & Principal, MIMS CON,

Date: 25th to 27th May, 2016 Name Sr. No. Id. No. 5511 Anil Sharma 1 2 5576 Patidar Jayesh Narayanlal 3 5529 Zala Rameshwari Meghnadsinh 4 Anil Patidar 5566 5 5577 Arpan Pandya 6 5573 Vijay Kumar 7 5593 Binal Joshi 8 5562 Chirag Jain 9 5561 Divya Jain 10 5571 Hetal Shah Jamin Chauhan 11 5565 12 5501 Alpna Patel 13 5508 Shilpa Dalwadi 14 Aruna Jani 5513 15 Vageriya Vipin Basantlal 13DNR001 Anjali Pushkar Tiwari 16 14DNR003 17 14DNR001 Sapnaben Bhavinbhai Patel 18 15DNR001 Deepak K 19 15MNOG001 Prajapati Jalpaben Ashokbhai 20 15MNPN004 Khristi Ravinabahen Rajnikant 21 15MNPN003 Deepika Das 22 15MNMS004 Das Nickson Praful Anjana Shivaniben Rajendra Kumar 23 15MNPN001 24 15MNPN005 Patel Sezal 25 15MNMS002 Chauhan Rachanaben Gersombhai Thakor Rutvi Arvindbhai 26 15MNMH001 Chavda Bhumikaben Prafulbhai 27 15MNMS003 28 15MNMS001 Chauhan Nikitaben Harshadbhai 29 13BN048 Patel Shrevaskumar Hemantbhai Ghanchivhora Ismatben Irafan 30 13BN007 31 13BN058 Thakor Asmitaben Rajendrabhai Makwana Mayuriben Vijaykumar 32 13BN014 Heema Pinakinbhai Patel 33 14BN030 Patel Vishruti Chiragbhai 34 14BN053 35 Patel Priya Upeshkumar 14BN041 Meda Yaminiben Lalubhai 36 14BN016 37 14BN011 Ganvit Anjaliben Dineshbhai

38	14BN033	Patel Jigishakumari Dhirubhai	
39	14BN060	Vasava Pallavi Dolatsinh	
40	14BN044	Patel Riya Himeshbhai	
41	14BN038	Patel Margiben Rakeshbhai	
42	14BN049	Patel Srushtee Rakeshkumar	
43	14BN051	Patel Twinkleben Rameshbhai	
44	14BN052	Patel Virangi Ruchir	
45	14BN046	Patel Roshni Kamleshbhai	
46	14BN031	Patel Hirangi Pravinbhai	
47	14BN014	Makwana Himanshiniben Rameshbhai	
48	14BN054	Patel Yashviben Jayminbhai	
49	14BN037	Patel Mansi Pinalkumar	
50	14BN028	Patel Bansari Rakeshkumar	
51	14BN026	Patel Anviben Ashvinbhai	
52	14BN007	Bhuriya Rachanaben Vasantbhai	
53	14BN004	Barot Kajalben Naginbhai	
54	14BN057	Roy Kruti Kirtikumar	
55	14BN020	Panchal Mittalbahen Vasantlal	
56	14BN009	Chauhan Nishaben Pravinbhai	
57	14BN019	Panchal Hiralbahen Rakeshkumar	
58	14BN001	Bamarotiya Geetaben Haradashbhai	
59	14BN005	Bhabhor Vaishaliben Mansukhbhai	
60	14BN056	Rathod Bhumikabahen Lalitkumar	
61	14BN012	Machhi Bhavanabahen Virabhai	
62	14BN018	Panchal Dhruveshkumar Narendrabhai	
63	14BN059	Shah Yash Jigneshkumar	
64	14BN023	Parmar Kumari Priya Manubhai	
65	14BN040	Patel Nishuben Atulbhai	
66	14BN008	Chauhan Nikitaben Arvindbhai	
67	14BN032	Patel Isha Hasmukhbhai	
68	14BN055	Rathava Jayeshbhai Sukharambhai	
69	14BN050	Patel Tulsi Ashokbhai	
70	14BN021	Panchal Tanviben Bharatbhai	
71	14BN047	Patel Shivaniben Kamleshbhai	
72	14BN039	Patel Meghaben Bipinkumar	
73	14BN045	Patel Riyaben Vijaykumar	
74	14BN048	Patel Shreya Hasmukhbhai	
75	14BN043	Patel Riddhi Harshadbhai	
76	14BN010	Deshmukh Shivani Ghanshyam	
77	14BN013	Macwan Krupa Naginbhai	
78	14BN017	Panchal Dhruv Atulbhai	
79	14BN042	Patel Priyankaben Pravinbhai	
80	14BN029	Patel Dimpalben Dineshbhai	
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81	14BN025	Parmar Shiney Isaac
82	14BN058	Sevak Bhoomikaben Jayeshkumar
83	14BN003	Baria Riddhi Vikramsinh
84	14BN022	Parmar Anjali Jayeshkumar
85	14BN006	Bhatt Vaibhaviben Dilipkumar
86	14BN035	Patel Khushbu Shaileshkumar
87	14BN002	Baria Monikaben Mahendrasinh
88	14BN027	Patel Archi Sunilkumar
89	14BN015	Malek Khushbubanu Maiyuddin

### Manikaka Topawala Institute of Nursing ENDOWMENT CHAIR SESSION MODULE-4"

### Date: 25th May 2016 to 27th May 2016

**Venue: MTIN** 



**Resource person discussion with participant** 



Resource person presenting a topic