



# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**Annual Reports of  
Various faculties/departments or  
academic colleges**

**(Year: 2015-16)**

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# **FACULTY OF TECHNOLOGY AND ENGINEERING**

## **CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY**



**A CONSTITUENT INSTITUTE OF**



## **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

### **ANNUAL REPORT**

### **2015-16**

## **Preamble**

To meet the growing demand for engineering education, the institute has been established to offer high-quality education. It is, in fact, the First Institute established on the campus. More popularly known as Charotar Institute of Technology (CITC), the institute was rechristened as Chandubhai S Patel Institute of Technology (CSPIT) on December 31, 2010. It is patronized by Sumitraben Chandubhai Patel and their Family.

The institute has six departments viz. Department of Electronics and Communication Engineering, Department of Mechanical Engineering, Department of Electrical Engineering, Department of Civil Engineering, Department of Information Technology Engineering, Department of Computer Engineering. Department of computer Engineering is patronized by Upendra Patel and family and is rechristened as Upendra and Paresh U Patel Department of computer Engineering. Department of Electrical Engineering is patronized by Manubhai Patel and family and is rechristened as Manubhai and Vasantiben Patel Department of Electrical Engineering. Similarly, Department of Mechanical Engineering and Electronics and Communication Engineering are patronized by Matrusanstha and Late Shri V T Patel respectively. They are rechristened as V T Patel Department of Electronics and Communication Engineering and CHAMOS Matrusanstha Department of Mechanical Engineering.

The institute also has memberships of ISHRAE, SAE, ISTE, CSI, IETE, IEEE and ASME to foster research and development.

Currently, B.Tech programme of Computer Engineering, Electrical Engineering and Information Technology are provisionally accredited for two years by NBA.

### **Vision:**

To become a leading institute for dissemination and creation of knowledge in the frontiers of technology.

### **Mission:**

To create world-class technocrats and researchers and thereby facilitate enhanced deployment of technology for the betterment of lives.



## Curricular Aspects

### Programme Offered

The programmes inundated with a variety of academic programmes spanning from B Tech, M Tech to Ph D. Following are the details of the UG, PG and Ph.D. Programmes with discipline offered under the **Faculty of Technology and Engineering of CHARUSAT**:

#### Undergraduate Programme

Program Name	Total Years	First Year	Second Year	Third Year	Fourth Year	Total
BACHELOR OF TECHNOLOGY	4	690	846	794	819	3149

#### Postgraduate Programme

Program Name	Total Years	First Year	Second Year	Total
MASTER OF TECHNOLOGY	2	165	191	356

#### Doctoral Programme

Programme	No. of Students
Ph D	72

## Teaching – Learning and Evaluation

### Admissions:

Admissions to Undergraduate Programmes are carried out based on the rules decided by Government of Gujarat. According to it, 75% seats to be filled by ACPC and 25% seats are filled by Institute under management quota.

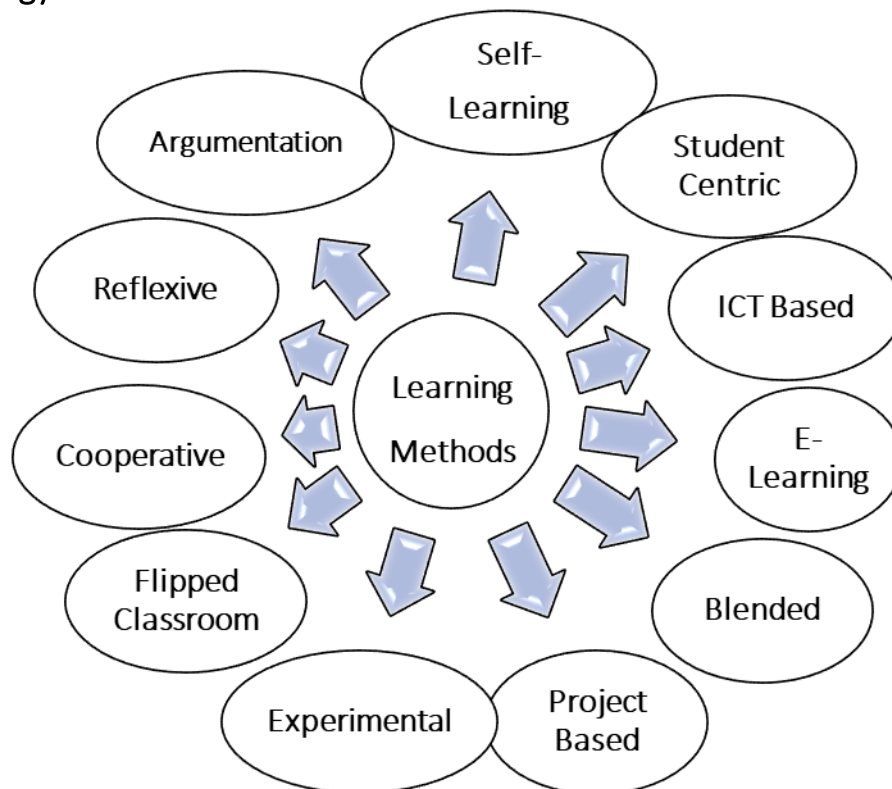
Admissions to Postgraduate Programme are based on three criteria: Bachelor Degree, GATE Qualification, and PG Entrance Exam conducted by ACPC.

Admission to Doctoral Programmes is based on the following criteria:

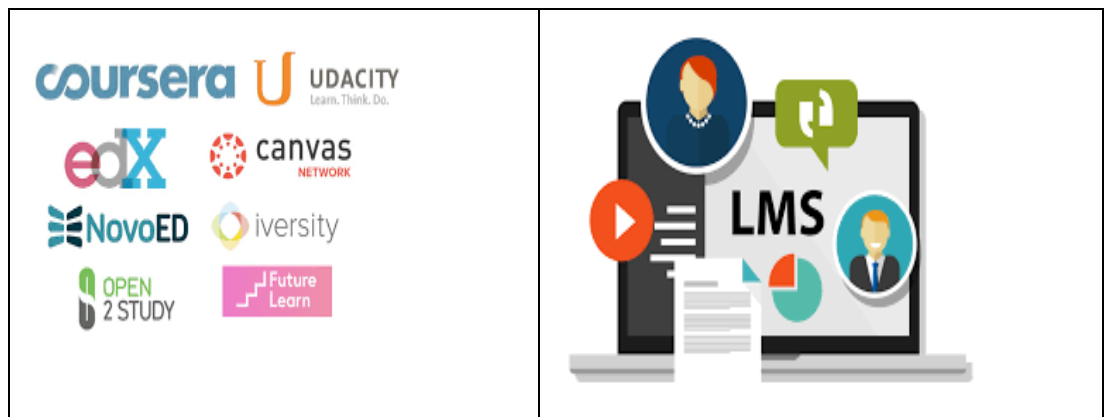
- (a) A post-graduate (Masters) degree with at least 55% marks or equivalent CGPA and
- (b) Qualified in GATE / CSIR – UGC JRF / NET / SLET or equivalent exams of similar level or CHARUSAT Doctoral Entrance Test (CDET)

However, the final selection is based on an interview conducted by CHARUSAT.

## Pedagogy



- All these Learning methods must be adapted by teachers for the overall development of students.
- Each learning style has its own characteristics and helps in building unique characteristics in students.



- **Continuous evaluation in Labs and Lectures:** Unit tests in the form of quiz, open book exams online tests must be taken and marks must be added in the final exam marks as an internal component. In this way the problem of lack of attendance of students in labs and lectures can be addressed.

### Faculty staff information

Human capital at CSPIT consists of core faculty, supportive staff and visiting faculty members. The team is led by Dr. A.D Patel as Principal and Dr. Amit Ganatra as a Dean, Faculty of Engineering and Technology. The following table gives a glimpse / statistics of the skilled professionals recruited in the institute:

PROFESSOR	ASSOCIATE PROFESSOR	ASST. PROFESSOR	Other	Total
6	12	159	5	182

### Teaching Learning Avenues

Seminars / Guest lecturers / conferences by faculties from outside institutes

Sr No	Expert	Organization	Topic	Date	Year & Branch
<b>Department of Computer Engineering</b>					
1	Dr. N M. Patel	BVM Engineering College, V, V, Nagar	Deadlock	08/04/2016	4CE
2	Dr. C. K. Bhensdadia	DDU, Nadiad	Theory of Computation	05/04/2016	6CE
3	Prof. B V Buddhadev	Govt. Engineering College, Bhavnagar	File Handling, Multithreading, Newly added java features	26/03/2016	4CE
4	Harendra Patel	Riddhi edusoft, Vadodara	C Programming	27 – 29/10/2015	1CE
5	Dr K H Vandra	C U. Shah College of Engg., Wadhwan	Mobile Computing	26/9/2015	7CE
6	Dr. Prasannajit Mazumdar	DAIICT, Gandhinagar	R&D topics in IR and Human computer Interaction	25/9/2015	7CE, MTech CE
7	Prof. Sandeep Modha	LDRP, Gandhinagar	R&D topics in IR and Human computer Interaction	25/9/2015	7CE, MTech CE
8	Dr C.K.Bhensdadia	DDU, Nadiad	Artificial Intelligence	30/7/2015	7CE
<b>Department of Civil Engineering</b>					
1	Shri. S I Patel	Secretary (Former), Government of Gujarat	Reinforced Earthwork Wall for Highways	24/07/2015	TY B.Tech (5th sem) Civil Engg
2	Dr. D. R. Panchal	Assistant Professor,	Design of	06/04/ 2016	2nd Sem,

		MSU, Baroda	Composite structure		M. Tech Civil Engg
<b>Department of Information and Technology</b>					
1	Mr. Harendra Patel	Riddhi Edusoft, Vadodara	Computer Programming with "C"	27/10/15 to 29/10/15	1 <sup>st</sup> semester, IT
<b>Department of Mechanical Engineering</b>					
1	Prof. Satyam Panchal	University of Waterloo, Ontario, Canada	Hybrid vehicle and lithium-ion batteries for Hybrid vehicle	B.Tech Final Year Mech. Engg.	09/07/2015
2	Dr. Vishvesh J. Badheka	Professor, PDPU	Fundamentals of welding processes	B.Tech 3th sem	25/07/2015
3	Mr. Dinesh Dholakia	Manager (Vacuum Application) , INDUCTOTHERM Group India	Induction Melting Technology	M.Tech	01/08/2015
	Mr. Abhay Date	committee member of ISHRAE, principal consultant of Abhay Date consultants	Fundamentals of Refrigeration & Air conditioning- Installation & maintenance	B.Tech	22/09/2015
	Dr. Piyush Gohil	Professor,M.S. University,Baroda	Design of experiments	M.Tech 1st Sem	25/09/2015
	Dr. Piyush Gohil	Professor,M.S. University,Baroda	Design against Fatigue	M.Tech 1st Sem	25/09/2015
7	Mr. V.C.Patel	Director Emeritus, Edwin B. Green Chair in hydraulics,University of Iowa Foundation Distinguished Professor	Interdisciplinary Research and Research opportunity in abroad	M.Tech 2nd sem & 4th Sem	20/01/2016
8	Mr.Dhiren Vyas	Manager – Process & Heavy Industries Division at Armacell India Pvt. Ltd, Pune, Maharashtra	Basics and Selection of Insulation	B.Tech	21/01/2016
9	Mr. Parth Pandya,	member of COLLABERA	Significance and designing with CREO	B.Tech 4th sem	04/02/2016
10	Shri. VrijalalVyas	GSFC, Consulting Engineer, Chartered Engineer, Certified Energy Auditor (Bureau of Energy Efficiency)	Hydraulic Machines and Centrifugal pumps	B.Tech 6th sem	30/03/2016
11	Mr. Darshan Shah	D- vivid Consulting Company	Advice to students in the area of their studies in the USA, Guidance in visa	B.Tech 6th sem	30/03/2016

			formalities, Selection of University/College , Assistance in preparation of their Statement of Purpose.		
<b>Department of Electronics &amp; Communication Engineering</b>					
1	Dr. Sanjeev Gupta	DAIICT, Gandhinagar	System Design issues & Challenges	16/09/2015	1st sem M.Tech
2	Dr. Pratik Shah	PDPU, Gandhinagar	ARM Architecture and Instructions	21/09/2015	1st sem M.Tech
3	Mr.Nitin Paranjape	EduTech Electronics Pvt. Ltd., Baroda	ARM Cortex Platform	20/10/2015	1st sem M.Tech + 7th sem B.Tech
4	Mr. Hardik Patel	Epsilon Electronics	PCB Layout design using ORCAD	23/01/2016	4th sem B.Tech
5	Dr Mehul B. Shah	BVM Engineering College Vidhyanagar	Introduction to Wavelet Transform and its applications	23/02/2016	2nd sem M.Tech

**Seminars / Guest lecturers / Conferences by our faculties in other Institutes.**

Sr No	Name	Organization	Topic	Date
<b>Department of Computer Engineering</b>				
1	Dr. Amit Ganatra	Dr. Babasaheb Ambedkar Open University	Member of Board of Studies	24/6/2016
2	Dr. Amit Ganatra	ITS, Vadodara	Selection Committee Member for Faculty Selection	8/6/2016
3	Dr. Amit Ganatra	Kadi Sarva Vishwavidyalaya	Selection Committee Member for Professor	2/6/2016
4	Dr. Amit Ganatra	UTU, Bardoli	Lecture	28/5/2016
5	Dr. Amit Ganatra	PIT, Vadodara	STTP on Soft Computing:Machine Learning	23-28/05/2016
6	Dr. Amit Ganatra	SP University, V. V. Nagar	UGC-Academic Staff College	16/5/2016
7	Dr. Amit Ganatra	Kadi Sarva Vishwavidyalaya	DRC Member	24/4/2016
8	Dr. Amit Ganatra	GTU	Selection Committee Member for Research Scholars	17/4/2016
9	Dr. Amit Ganatra	Parul University	DRC Member	16/4/2016

10	Dr. Amit Ganatra	BVM Engineering College	Member of Board of Studies	7/4/2016
11	Dr. Amit Ganatra	C U Shah University	Member of Board of Studies	2/4/2016
12	Dr. Amit Ganatra	School of Computer Studies, Ahmedabad University	Gujcost Sponsored National Workshop on Resource Methodology and Research Opportunities in Artificial Intelligence, Business Intelligence and Business Analytics	28/03/2016-29/3/ 2016
12	Dr Amit Ganatra	Parul University	Lecture	28/2/2016 to 12/5/2016
14	Dr. Amit Ganatra	Dr. Babasaheb Ambedkar Open University	Member of Board of Studies	27/2/2016
15	Dr Amit Ganatra	Ahmedabad University	Lecture	Winter semester 2016
16	Chintan Bhatt	CSI 2015, New Delhi	Paper Presenter Award at International Conference	2-5/12/2015
17	Chintan Bhatt	CSI 2015, New Delhi	Faculty with Maximum Publication in CSIC	2-5/12/2015
18	Dr. Amit Ganatra	BVM Engineering College	Member of Board of Studies	1/12/2016
19	Dr. Amit Ganatra	VNSGU	Lecture	17/10/2015
20	Chintan Bhatt	Doordarshan	Broadcast Engineering Society	30/9/2015
21	Dr. Amit Ganatra	SP University, V. V. Nagar	UGC-Academic Staff College	11/9/2015
22	Dr. Amit Ganatra	DDU	STTP on Object Oriented Design and Patterns	29/7/2015 to 2/8/2015

#### **Department of Information Technology**

1	Prof. Parth Shah	Parul Institute, Vadodara	Course File Evaluation	23/06/2016 to 24/06/16
2	Prof. Nehal patel	Nursing, Changa	Computer Classes for B.sc Nursing ,MTIN	10/3/2015
3	Prof. Kamlesh Makwana	Nursing, Changa	Computer Classes for B.sc Nursing ,MTIN	10/23/2015
4	Mr. Jaimin Chavda	KJIT, SAVLI	Workshop at E & C dept.	3/2/2016

#### **Department of Electrical Engineering**

1	Mr. Mihir A. Bhatt	Taxshilla Engineering college, Rajkot	Basics of High Voltage Engineering	25/1/2016
2	Dr. Bhina Mehata	V.V.P. Engineering college, Rajkot	“Modeling and Simulation of Wind Turbine Generating Systems”	7/12/2016 to 11/12/2015
3	Dr. Bhina Mehata	V.V.P. Engineering college, Rajkot	“Wind Turbine Generating Systems and its Impact on	7/12/2016 to 11/12/2015

			Power Systems”	
4	Mrs. Vineetha Ravindran	B.V.M.Engineering College, V.V.Nagar	Case study on applications of arm cortex M3	11/11/2015
<b>Department of Civil Engineering</b>				
1	Dr. Prabhin Sukumaran	Anthropology Fieldschool at Hoshangabad, Madhya Pradesh	Quaternary fluvial Geology in Archaeological Perspective	23/12/2015
2	Dr. Prabhin Sukumaran	Anthropology Fieldschool at Hoshangabad, Madhya Pradesh	Methods and Tools for Fluvial morphological studies	23/12/2015
<b>Department of Electronics and Communication Engineering</b>				
1.	Prof. Jignesh Patoliya	IT Dept., CSPIT, Changa	IoT using Intel Galileo, Arduino programming & simulation using proteus	18/09/2015 to 19/09/2015
2.	Prof. Jignesh Patoliya	S.P.B Institute of Technology, Mehsana	ARM architecture & Programming in C	29/09/2015
3.	Prof. Jignesh Patoliya	BVM, VVNagar	Arduino Programming	04/04/2016
4.	Prof. Jignesh Patoliya	BVM, VVNagar	IoT using ESP8266	08/04/2016
5.	Prof. Jignesh Patoliya	Ganpat University, Mehsana	Arduino Programming & IoT using NodeMCU	22/01/2016
6.	Prof. Jignesh Patoliya	MBICT, VVNagar	Python programming using Raspberry Pi, Webserver	05/02/2016
7.	Prof. Miral Desai	MBICT, VVNagar	Python programming using Raspberry Pi, Webserver	06/02/2016
8.	Prof. Jignesh Patoliya	GCET, VVNagar	IoT: Devices & sensors	15/02/2016
9.	Prof. Jignesh Patoliya	ADIT, VVNagar	IoT architecture & Applications	13/02/2016
10.	Prof. Falguni Raval	MBICT, VVNagar	Antenna & Wave propagation	20/02/2016
11.	Prof. Jignesh Patoliya	BVM, VVNagar	Raspberry Pi & Applications	20/02/2016
12.	Rikin Nayak	KJIT, Savali, Vadodara	Image processing in frequency domain	02/03/2016
13.	Prof. Jignesh Patoliya	BVM, VVNagar	IoT using NodeMCU	12/03/2016
14.	Prof. Killol Pandya	MBICT, VVNagar	Computer Architecture education	12/03/2016
15.	Prof. Sagar Patel	DR. Jivraj Mehta Institute of	Wireless Technologies	02/04/2016



		Technology, Anand		
16.	Dr. Hiren Mewada	BVM, VVNagar	Computer Vision	03/06/2016
17.	Dr. Hiren Mewada	I2IM, CHARUSAT	Use of MATLAB in research	11/06/2016
<b>Department of Mechanical Engineering</b>				
1	Vijay Chaudhary	Birla Vishvakarma Mahavidyalaya, V.V.Nagar	2-D Analysis	May 05, 2016

### Projects and summer training

Sr. No.	Name	Projects and Summer Training
<b>Department of Computer Engineering</b>		
1	Arpita Shah	Rishabh Software, Vadodara
2	Nishidh Chavada	Rishabh Software, Vadodara
3	Devyani Panchal	Rishabh Software, Vadodara
4	Gaurang Panchal	Rishabh Software, Vadodara
5	Kruti Dhyani	Rishabh Software, Vadodara
6	Hardik Mandora	Tatvasoft, Ahmedabad
7	Mayuri J Popat	Tatvasoft, Ahmedabad
8	Deval Patel	Tatvasoft, Ahmedabad
9	Reshma Dayma	Tatvasoft, Ahmedabad
10	Ronak N Patel	Tatvasoft, Ahmedabad
11	Trusha Gajjar	Tatvasoft, Ahmedabad
12	Jesal Desai	Tatvasoft, Ahmedabad
13	Ditixa Vyas	Crayon Infosystems, Mumbai
14	Minal Maniar	opener, Ahmedabad
15	Vaishali B. Mewada	Dots & Coms, Vadodara
16	Hina Vaghashia	Dots & Coms, Vadodara
17	Ritesh Patel	Infostretch, Ahmedabad
18	Viradia vinay P.	Infostretch, Ahmedabad
19	Meghna luthra	Sapphire technologies, Gurgaon
20	Martin Parmar	Brisk Brain, Ahmedabad
21	Mrugendrasinh L Rahevar	Brisk Brain, Ahmedabad
22	Dhaval Bhoi	Infostretch, Ahmedabad
23	Ashish Patel	Pavans Groups, Vadodara
24	Ashwin Makwana	TCS, Ahmedabad
<b>Department of Civil Engineering</b>		
1	Megha Desai	Construction Project Management
2	Dr. V. R. Panchal	Finite Element Methods & Applications in Civil Engineering
<b>Department of Information and Technology</b>		
1	Sandip Patel	TatvaSoft, Ahmedabad

2	Sagar Patel	TatvaSoft, Ahmedabad
3	Ayesha Shaikh	TatvaSoft, Ahmedabad
4	Pinal Shah	TatvaSoft, Ahmedabad
5	Pritesh Prajapati	TatvaSoft, Ahmedabad
6	Sanket Suthar	TatvaSoft, Ahmedabad
7	Priyanka Patel	TatvaSoft, Ahmedabad
8	Nehal Patel	TatvaSoft, Ahmedabad
9	Naresh Patel	TatvaSoft, Ahmedabad
10	Amit Parmar	TatvaSoft, Ahmedabad
11	Chandni Shah	OpenERP, Gandhinagar
12	Jalpesh Vasa	OpenERP, Gandhinagar
13	Vishwa Vala	OpenERP, Gandhinagar
14	Henish Shah	OpenERP, Gandhinagar
15	Mrudang Pandya	Milestone Techno Pvt.Ltd. Ahmedabad
16	Hardik Jayswal	Milestone Techno Pvt.Ltd. Ahmedabad
17	Purvi Prajapati	Blow Horn Media, Ahmedabad
18	Nirav Bhatt	Blow Horn Media, Ahmedabad
19	Sonal Rami	Blow Horn Media, Ahmedabad
20	Parth Shah	Infostretch Corporation Pvt. Ltd. Ahmedabad
21	Amit Thakkar	Greencom Infotech LLP, Surat
22	Chintan Gajjar	Dot & Coms, Vadodara
23	Bimal Patel	Dot & Coms, Vadodara
24	Amit Nayak	Dot & Coms, Vadodara
25	Hemant Yadav	Mecintell Technologies Pvt. Ltd. Ahmedabad
26	Ravi Patel	Mecintell Technologies Pvt. Ltd. Ahmedabad

#### **Department of Electrical Engineering**

1	Mihir Bhatt	Aarvee Denim, Changodar, Ahmedabad
2	Mahammadsoaib Saiyad	Aarvee Denim, Changodar, Ahmedabad
3	Sajid M Patel	Aarvee Denim, Changodar, Ahmedabad

#### **Department of Electronics and Communication**

1	Himanshu ashokbhai Patel	TechiesTown InfoTech, Ahmedabad
2	Rajesh Patel	Epsilon Electronics, Ahmedabad
3	Dharmendra Chauhan	Eledreams,Surat
4	Sagar Patel	Eledreams,Surat
5	Manthan S. Manavadaria	Eledreams,Surat
6	Pradip Panchal	Enki Robotics and Automation
7	Hiren Mewada	Enki Robotics and Automation
8	Bhaves G Gopani	Selvi Ceramics,Morbi
9	Brijesh L kundaliya	Selvi Ceramics,Morbi
10	Upesh P Patel	Selvi Ceramics,Morbi
11	Kaushal M Vala	Selvi Ceramics,Morbi
12	Maulik J patel	Selvi Ceramics,Morbi
13	Vishal P Tank	Selvi Ceramics,Morbi
14	Poonam Thanki	JKB software solution
15	Falguni Raval	JKB software solution
16	Dhara M Patel	JKB software solution
17	Miral M. Desai	Epsilon Electronics, Ahmedabad

18	Hitesh N Patel	Epsilon Electronics, Ahmedabad
19	Jignesh Patoliya	Epsilon Electronics, Ahmedabad
20	Rajat G. Pandey	Eledreams, Surat
21	Trushit Upadhyaya	Energy Systems Engineering, Baroda
22	Yogesh Tiwari	Epsilon Electronics, Ahmedabad
23	S K Hadia	IT Zone private Limited, Anand
24	Hardik Modi	TechiesTown InfoTech, Ahmedabad
25	Brijesh Shah	IT Zone private Limited, Anand

#### **Department of Mechanical Engineering**

1	Gajanan Patange	Shree Vardhaman Enterprises , NAGPUR
2	Anand Patel	Krutam Technosolution Pvt. Ltd.
3	Satayu Travadi	Anupam Industries Ltd.
4	Sujal Dadhaniya	Anupam Industries Ltd.
5	Zankhan Sonara	Krutam Technosolution Pvt. Ltd.
6	Harmish Bhatt	Gmm Pfaudler
7	Abhishek Swarnkar	Krutam Technosolution Pvt. Ltd.
8	Kawaljit Singh Randhawa	Maxtech Engineers Pvt. Ltd.
9	Milind Soni	Nflex Systems, Ahmedabad
10	Khushboo Purani	Nflex Systems, Ahmedabad
11	Sagar Chokshi	Gmm Pfaudler
12	Madhav Oza	J. K. Foundry Engineers
13	Punit Patel	Jasco Pumps Pvt. Ltd.
14	Vikas Panchal	Jasco Pumps Pvt. Ltd.
15	Viral Panara	Nilkanthvarni Engineering Co.
16	Bhavin H. Mehta	Blacksmith Woven Conversion Pvt Ltd.
17	Hardik B. Patel	Blacksmith Woven Conversion Pvt Ltd.
18	Pushpak Patel	Blue Eye Technology, Ahmedabad

#### **Academic Tours and Industrial Visits**

Electronics & Communication	Computer Engineering	Information Technology	Electrical Engineering	Mechanical Engineering	Civil Engineering
02	02	02	08	04	06

## Evaluation

### Evaluation System

The performance of every student in each course for university examination is evaluated as follows:

- Internal evaluation by the course faculty member(s) based on Continuous assessment, for 30% of the marks for the course;
- Final examination by the university through written paper or practical examination or oral examination by the student of combination of any two or more of these, for 70% of the marks of the course.

### Result Statistics

Programme Details	No. Of Students Appeared	No. Of Students Who Have Passed With			
		CGPA ≥7.50	CGPA Above 6.0 But Below 7.50	CGPA Above 5.0 But Below 6.0	CGPA < 5.0
Department of Computer Engineering					
B. Tech (CE) I Sem	142	103	25	00	15
B. Tech (CE) II Sem	141	112	18	00	11
B. Tech (CE) III Sem	168	79	54	14	21
B. Tech (CE) IV Sem	169	90	53	8	18
B. Tech (CE) V Sem	150	83	42	14	11
B. Tech (CE) VI Sem	151	85	51	8	7
B. Tech (CE) VII Sem	143	42	66	8	13
B. Tech (CE) VIII Sem	142	62	76	4	00
M.Tech (CE) I Sem	36	06	19	10	01
M. Tech (CE) II Sem	36	30	06	00	00
M. Tech (CE) III Sem	51	18	24	09	00
M. Tech (CE) IV Sem	51	30	17	04	00

Department of Electrical Engineering					
B.TECH (EE) SEM 1	107	67	30	02	00
B.TECH (EE) SEM 2	106	52	32	07	00
B.TECH (EE) SEM 3	156	68	50	11	03
B.TECH (EE) SEM 4	155	67	51	10	00
B.TECH (EE) SEM 5	141	48	53	18	00
B.TECH (EE) SEM 6	140	48	46	11	00
B.TECH (EE) SEM 7	147	63	32	12	00
B.TECH (EE) SEM 8	147	68	40	22	1
M.TECH (EE) SEM 1	18	09	04	02	00
M.TECH (EE) SEM 2	18	10	04	02	00
M.TECH (EE) SEM 3	21	08	10	02	00
M.TECH (EE) SEM 4	19	13	06	0	00
Department of Civil Engineering					
BTECH(CL) SEM-1	110	60	26	1	0
BTECH(CL) SEM-2	110	50	31	3	0
BTECH(CL) SEM-3	142	36	33	6	0
BTECH(CL) SEM-4	138	34	42	17	0
BTECH(CL) SEM-5	137	34	36	8	0
BTECH(CL) SEM-6	138	34	41	10	2
BTECH(CL) SEM-7	120	29	32	26	0
BTECH(CL) SEM-8	120	31	41	33	0
MTECH(CL) SEM-1	39	10	11	12	2
MTECH(CL) SEM-2	39	13	14	9	1
MTECH(CL) SEM-3	22	11	7	3	1

MTECH(CL) SEM-4	22	14	5	2	1
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Department of Information Technology					
B.TECH (IT) SEM 1	148	102	23	02	21
B.TECH (IT) SEM 2	145	103	25	03	14
B.TECH (IT) SEM 3	157	64	38	04	51
B.TECH (IT) SEM 4	154	76	35	06	37
B.TECH (IT) SEM 5	138	63	38	15	22
B.TECH (IT) SEM 6	138	54	50	14	20
B.TECH (IT) SEM 7	144	33	38	42	31
B.TECH (IT) SEM 8	143	125	16	02	00
M.TECH (IT) SEM 1	16	07	02	03	04
M.TECH (IT) SEM 2	16	09	04	00	03
M.TECH (IT) SEM 3	17	15	02	00	00
M.TECH (IT) SEM 4	15	14	01	00	00
Department of Mechanical Engineering					
B TECH (ME), SEM 1	154	92	22	16	24
B TECH (ME), SEM 2	143	83	21	12	27
B TECH (ME), SEM 3	197	82	34	32	49
B TECH (ME), SEM 4	189	84	38	22	45
B TECH (ME), SEM 5	154	51	47	24	32
B TECH (ME), SEM 6	151	55	47	34	15
B TECH (ME), SEM	148	78	45	21	4

7					
B TECH (ME), SEM 8	144	81	49	13	1
M.TECH (ME), SEM 1	10	5	4	1	0
M.TECH (ME), SEM 2	10	5	3	2	0
M.TECH (ME), SEM 3	15	10	5	0	0
M.TECH (ME), SEM 4	15	13	1	0	1
M.TECH (AMT), SEM 1	17	9	7	1	0
M.TECH (AMT), SEM 2	17	12	4	1	0
M.TECH (AMT), SEM 3	16	10	6	0	0
M.TECH (AMT), SEM 4	16	15	1	0	0
<b>Department of Electronics and Communication</b>					
B.TECH (EC) SEM 1	110	30	16	8	56
B.TECH (EC) SEM 2	105	32	21	10	42
B.TECH (EC) SEM 3	104	25	25	11	37
B.TECH (EC) SEM 4	99	30	34	4	31
B.TECH (EC) SEM 5	99	36	27	15	21
B.TECH (EC) SEM 6	99	39	33	15	12
B.TECH (EC) SEM 7	129	55	45	24	5
B.TECH (EC) SEM 8	128	59	54	15	0
M.TECH (EC) SEM 1	14	6	6	0	2
M.TECH	14	10	3	0	1



(EC) SEM 2					
M.TECH (EC) SEM 3	29	23	5	1	0
M.TECH (EC) SEM 4	30	26	4	0	0
M.TECH (EVD) SEM 1	16	11	4	0	1
M.TECH (EVD) SEM 2	16	12	3	0	1
M.TECH (EVD) SEM 3	22	21	1	0	0
M.TECH (EVD) SEM 4	22	22	0	0	0

**At the end of each semester feedback of students is taken of all subjects. Analysis of feedback is done by principal and accordingly concern faculty member instructed to improve the lacking points.**

### **Academic Support Student Activities**

Students are benefited by scholarships, freeships, etc. provided by the institution, Government and non-government agencies (NGOs) as follows:

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government/ Institution/Non-government organizations (NGOs) (10)					
Programme	Name of the scheme	Number of students benefited by government scheme and amount		Number of students benefited by Institution's schemes and amount	
		Number of students	Amount	Number of students	Amount
B.Tech(CE)	MYSY	45	2609000		
	CHAMOS			24	851000
	Special Scholarship			13	1462500
	CHARUSAT Merit Scholarship			27	605000
B.Tech(ME)	CHARUSAT MERIT SCHOLARSHIP (CMS-2012-13)			18	405000

	SPECIAL SCHOLARSHIP			4	541000
	CHAMOS CHARUSAT SCHOLARSHIP			11	434500
	SCHOLARSHIP FOR D2D [A.Y. 2015-16]			28	140000
	CHARUSAT MERIT SCHOLARSHIP-2015 (CMS-2015)			126	684000
	MYSY	39	2197000		
B.Tech(EE)	MYSY	16	838000		
B.Tech(CL)	Post-Matric Scholarship	11	1082800	-	-
	CHARUSAT Merit Scholarship	-	-	18	405000
B.Tech(EC)	CHAMOS CHARUSAT MCM SCHOLARSHIP	-	-	32	936000
	CHARUSAT MERIT SCHOLARSHIP	-	-	18	405000
	SCHOLARSHIP FOR F.Y	-	-	140	736000
	SCHOLARSHIP FOR D2D	-	-	12	60000
B.Tech(IT)	CHAMOS CHARUSAT MCM SCHOLARSHIP			52	1526500
	SPECIAL SCHOLARSHIP			6	442000
	CHARUSAT MERIT SCHOLARSHIP			35	740000
	MYSY	43	2549000		

### Student Achievement in the year (Academic)

Sr. No.	Semester	ID No.	Name	SGPA
<b>Department of Computer Engineering (B.Tech)</b>				
1	1st Sem	15CE060	MANIYAR CHINTAN BIMAL	10.00
2	2nd Sem	15CE060	MANIYAR CHINTAN BIMAL	10.00
3	3rd Sem	14CE091	PATEL JAY ATULBHAI	9.88
4	4th Sem	14CE125	SHAH HETA SHIRISHKUMAR	9.78
5	5th Sem.	13CE101	RAJPARA MANSI BHUPENDRA	9.95
6	6th Sem.	13CE101	RAJPARA MANSI BHUPENDRA	9.82
7	7th Sem.	12CE023	MODHA HARDIK RASIKBHAI	9.38
8	8th Sem.	12CE082	GANATRA KHYATI KAMLESH	10.00
<b>Department of Computer Engineering (M.Tech)</b>				
1	1st Sem	15PGCE003	BARODAWALA NIDHIBAHEN DIPAKKUMAR	8.76
2	2nd Sem	15PGCE003	BARODAWALA NIDHIBAHEN DIPAKKUMAR	9.52
3	3rd Sem	14PGCE034	PATEL SATVIK RAJENDRAKUMAR	10.00
4	4th Sem	14PGCE034	PATEL SATVIK RAJENDRAKUMAR	10.00
<b>Department of Civil Engineering (B.Tech)</b>				
1	1st Sem.	15CL052	MUNJPARA BHAVESH KISHORBHAI	9.87
2	2nd Sem.	15CL016	CHOVATIYA PREET GIRISHBHAI	9.92
3	3rd Sem.	14CL030	JAIN HIMANSHU AVINASH	9.40
4	4th Sem.	14CL030	JAIN HIMANSHU AVINASH	9.04
5	5th Sem.	13CL053	MEHTA SHUBHAM PIYUSHKUMAR	8.96
6	6th Sem.	13CL102	SATANI SIDDHARTH MUKESHBHAI	9.58

7	7th Sem.	12CL104	SHAH JAY HEMANG	9.37
8	8th Sem.	12CL116	SONI PURVIT NARESHKUMAR	10.00
<b>Department of Civil Engineering (M.Tech)</b>				
9	1st Sem.	15PGCL003	CHAUDHRI BIJAL SUBHASHBHAI	8.96
10	2nd Sem.	15PGCL003	CHAUDHRI BIJAL SUBHASHBHAI	9.48
11	3rd Sem.	14PGCL023	PATEL FALGUNIBEN VINODBHAI	9.20
12	4th Sem.	14PGCL009	PAREKH SACHI KAMAL	10.00
<b>Department of Information Technology (B.Tech)</b>				
1	1st Sem.	15IT138	TALREJA SHIVANI VINAY	9.91
2	2nd Sem.	15IT138	TALREJA SHIVANI VINAY	9.96
3	3rd Sem.	14IT032	GOHIL HIMANGINI JITENDRASINH	9.56
4	4th Sem.	14IT071	PATEL ADITYAKUMAR DEVANGKUMAR	9.53
5	5th Sem.	13IT100	SHAH AAYUSHI RAJNIKANT	9.72
6	6th Sem.	13IT012	BHAVSAR MEET MITESHKUMAR	9.71
7	7th Sem.	12IT113	MANE SAILI VIJAYKUMAR	9.03
8	8th Sem.	12IT113	MANE SAILI VIJAYKUMAR	9.14

**Department of Information Technology (M.Tech)**

1	1st Sem	15PGIT002	AJUDIYA KINJAL LAXMANBHAI	8.60
2	2nd Sem	15PGIT002	AJUDIYA KINJAL LAXMANBHAI	9.22
3	3rd Sem	14PGIT010	PATEL KRUPA GUNVANTBHAI	9.72
4	4th Sem	14PGIT010	PATEL KRUPA GUNVANTBHAI	9.81

**Department of Electrical Engineering (B.Tech)**

1	1st Sem.	15EE027	GAVARIA DIVYA KARTARLAL	9.91
2	2nd Sem.	15EE027	GAVARIA DIVYA KARTARLAL	9.89
3	3rd Sem.	14EE117	VERMA SHOBHNA JAIPAL	9.92
4	4th Sem.	14EE117	VERMA SHOBHNA JAIPAL	9.90
5	5th Sem.	13EE061	MERCHANT HUSAIN KHUZEMA	9.67
6	6th Sem.	13EE046	KOTECHA YASH RAJESH	9.61
7	7th Sem.	12EE061	PATEL DEVYANI VIJAYKUMAR	9.81
8	8th Sem.	12EE061	PATEL DEVYANI VIJAYKUMAR	9.81

**Department of Electrical Engineering (M.Tech)**

1	1st Sem.	15PGEE018	SHAH MARGI ROHITBHAI	9.68
2	2nd Sem.	15PGEE018	SHAH MARGI ROHITBHAI	9.98
3	3rd Sem.	14PGEE001	BHATT BHAVIKABEN THAKORPRASAD	8.99
4	4th Sem.	14PGEE001	BHATT BHAVIKABEN THAKORPRASAD	9.31

**Department of Mechanical Engineering (B.Tech)**

1	1st Sem	14ME026	DESAI YASH MANOJBHAI	9.91
2	2nd Sem	15ME059 15ME112	SUJAY MODI SHUKLA PRIYANK HIMANSHU	9.83 9.83
3	3rd Sem	14ME050	MISTRY PRASEN KAUSHIKBHAI	9.88
4	4th Sem	14ME066	PATEL DHRUV BHUPENDRABHAI	10
5	5th Sem	13ME132	VANKAWALA BRIJESH	9.96

			DHARMESHKUMAR	
6	6th Sem	13ME023	DALAL KEYUR DEEPAKKUMAR	10
7	7th Sem	12ME039 12ME043	KHATRI MAHAMADALFAN ANVARHUSEN KOTECHA BHAVIN ASHOKBHAI	10 10
8	8th Sem	12ME043	KOTECHA BHAVIN ASHOKBHAI	10
<b>Department of Mechanical Engineering (M.Tech) (AMT)</b>				
9	1st Sem	15PGAMT014 15PGAMT015	SONERA AKSHAYKUMAR LAXMANBHAI THAKKAR AKASH SHAILESHBHAI	9
10	2nd Sem	15PGAMT017	PARMAR ANKITKUMAR VINUBHAI	9.28
11	3rd Sem	14PGAMT002 14PGAMT012 14PGAMT013 14PGAMT014 14PGAMT016	AYAR VIVEK SHAMJIBHAI PATEL KINJALBAHEN ASHVINBHAI PATEL NICKY PRAKASHBHAI PATEL ROMA SUNILBHAI SHAH KRUNALBHAI PRAMODBHAI	10
12	4th Sem	14PGAMT002 14PGAMT005 14PGAMT006 14PGAMT009 14PGAMT010 14PGAMT011 14PGAMT012 14PGAMT013 14PGAMT014 14PGAMT016	AYAR VIVEK SHAMJIBHAI GANDHI AKASH ATULBHAI JARIWALA NAYAN NITIN PANDYA PARTH PARESHKUMAR PATEL JAY RAJESHBHAI PATEL KEYUR MUKUNDBHAI PATEL KINJALBAHEN ASHVINBHAI PATEL NICKY PRAKASHBHAI PATEL ROMA SUNILBHAI SHAH KRUNALBHAI PRAMODBHAI	10
<b>Department of Mechanical Engineering (M.Tech) (CAD-CAM)</b>				
13	1st Sem	15PGME009	PATEL SARVAM KAMLESHBHAI	9.36
14	2nd Sem	14PGME003 14PGME004 14PGME005 14PGME011	DAVE DIVYESHKUMAR PRAMODRAI KAPOPARA JAYDEEP MANSUKHLAL PANCHAL DHRUV KANUBHAI PATEL HARDIK VINUBHAI	10
15	3rd Sem	15PGME009	PATEL SARVAM KAMLESHBHAI	9.64
16	4th Sem	14PGME003 14PGME004 14PGME005 14PGME006 14PGME007 14PGME009 14PGME010 14PGME011	DAVE DIVYESHKUMAR PRAMODRAI KAPOPARA JAYDEEP MANSUKHLAL PANCHAL DHRUV KANUBHAI PARMAR HARDIK KISHORBHAI PATEL AKSHAY MAHENDRAKUMAR PATEL BHAVINKUMAR JAGDISHBHAI	10

			PATEL BHAVINKUMAR NANUBHAI PATEL HARDIK VINUBHAI	
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Department of Electronics and Communication Engineering				
1	1st Sem	15EC100	SHAIKH UZMA WAJEEH	9.52
2	2nd Sem	14EC104	PATEL VINAY MAHESHBHAI	9.86
3	3rd Sem	14EC028	KHATAVKAR YASHASVI SANTOSH	10.00
4	4th Sem	13EC104	TIWARI KUSH YOGESHBHAI	9.79
5	5th Sem.	13EC093	HARSH ASIT SHUKLA	10.00
6	6th Sem.	12EC038	JANI JALDHI SANDIPKUMAR	9.92
7	7th Sem.	12EC102	SHAIKH MO. AZIM SHABBIRAHAMAD	9.96
8	8th Sem.	11EC107	SHASTRI NIRAV VIJAYKUMAR	10.00
Department of Electronics and Communication Engineering (M.Tech)(CSE)				
1	1st Sem	15PGEC002	MEHTA YASHA NARENDRA	8.84
2	2nd Sem	14PGEC016	PATEL DIGANT ASHOKBHAI	9.54
3	3rd Sem	14PGEC031	VAGHELA HIMALI PRADIPKUMAR	10.00
4	4th Sem	13PGEC032	SAHEBA SUKETU MAULIKKUMAR	10.00
Department of Electronics and Communication Engineering (M.Tech)(EVD)				
1	1st Sem	15PGEVD005	MANDALIYA KEVAL HARENDRABHAI	9.72
2	2nd Sem	14PGEVD019	ROHADA ASHOKKUMAR GURUMUKHDAS	9.74
3	3rd Sem	14PGEVD002	BHATT ASHUTOSH MIHIRKUMAR	10.00

### Gold Medallist

Programme	Id No	Name	CGPA
Department of Computer Engineering ( B.Tech)			
1	11CE068	Patel Dhruva Tusharbhαι	9.58
Department of Computer Engineering (M.Tech)			
1	13PGCE003	Ataliya Rutuben Vijaysinh	9.84
Department of Civil Engineering (B.Tech)			
1	11CL024	Mansuri Zaheen Mohdiqbal	9.59
Department of Civil Engineering (M.Tech)			
1	13PGCL007	Patel Vaibhav Kiritbhαι	8.61
Department of Information and Technology (B.Tech)			
1	11IT122	Talati Aakansha Rakesh	9.27
Department of Information and Technology (M.Tech)			
1	13PGIT005	Madia Nidhiben Virendrakumar	8.91

<b>Department of Electrical Engineering (B.Tech)</b>			
1	11EE084	Patel Kuntalkumar Rajeshbhai	9.41
<b>Department of Electrical Engineering (M.Tech)</b>			
1	13PGEE006	Pandya Parth Tusharkumar	9.31
<b>Department of Mechanical Engineering (B.Tech)</b>			
1	11ME090	Patel Sanketkumar Jagdishbhai	9.79
<b>Department of Mechanical Engineering (M.Tech (AMT))</b>			
1	13PGAMT012	Vyas Akash Vishnuprasad	9.66
<b>Department of Mechanical Engineering (M.Tech (CAD-CAM))</b>			
1	13PGME007	Akshay Kumar R Mengar	9.88
<b>Department of Electronics &amp; communication Engineering (B.Tech)</b>			
1	11EC059	Patel Devanshi Nitinkumar	9.63
<b>Department of Electronics &amp; communication Engineering (M.Tech)</b>			
1	13PGEC030	Raiyani Hetal Kalubhai	9.96

### *Students' Achievements (Sports & Cultural)*

Name of the award/ medal	Team / Individual	Inter- university / state / National / International	Name of the event	Name of the student
2nd RUNNER-UP	Team	National	CULTURAL (FINE ARTS)	DHRUVIK SUTHAR
2nd RUNNER-UP		National	CULTURAL (FINE ARTS)	HARSH DAVE
2nd RUNNER-UP		National	CULTURAL (FINE ARTS)	PARTH PATEL

## **Research Consultancy and Extension**

### **Research**

- Ongoing Research Projects**

1. Research project titled “Effect of Electromagnetic waves on plants” has been sanctioned by GUJCOST. The project has been submitted by Principal Investigator Dr.TrushitUpadhyaya.
2. Research project titled “Biological electronic circuit made from blood serum, blood and silicon rubber tubular harness” has been sanctioned by GUJCOST. The project has been submitted by Principal Investigator Prof. Killol V Pandya.

## Details of departments getting grant/assistance from various agencies

Remote Center Name & ID	Workshop/ Seminar	Duration of workshop	Remote Center Coordinator	Workshop Coordinator	Grant (Rs)	Grant received from
<b>Department of Computer Engineering</b>						
-	Microsoft Faculty Connect Program with Azure and IoT	30/03/2016 to 31/03/2016	-	Ashwin Makwana	-	Microsoft, India
-	Big Data Essential and Hadoop Ecosystem	26/02/2016 to 27/02/2016	-	Arpita Shah, Jesal Desai, Divesh Patel	40,000	GUJCOST
-	Research Issues and Challenges in Next Generation Networks (NGN) with NetSim: Insights and Innovations	24/09/2015 to 26/09/2015	-	Ritesh Patel, Ditixa Vyas	40,000	GUJCOST
-	Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing	30/08/2015 to 31/08/2015	-	Amit Ganatra, Dhaval Bhoi, Nishidh Chavda, Nikita Bhatt	35,000	GUJCOST
-	Microsoft Azure Digital India Hackathon	10/07/2015 to 11/07/2015	-	Ashwin Makwana, Ronak Patel	-	Microsoft, India
-	Microsoft Azure Camp	04/07/2015	-	Ashwin Makwana, Ronak Patel	-	Microsoft, India
-	Azure Cloud Campus	26/06/2015 to 27/06/2015	-	Ashwin Makwana, Ritesh Patel, Nilesh Dubey	-	Microsoft, India



Department of Information and Technology						
-	Software Testing Tools with Q/A	25/03/2016 to 26/03/2016	-	Prof. Nirav Bhatt	30000	Gujarat Council on Science and Technology (GUJCOST)
-	Two-Week ISTE STTP on Technical Communication	30/11/2015 to 05/12/2015	-	Prof. Ayesha Shaikh, Prof. Sanket Suthar	-----	MHRD-IIT Bombay
-	Two Day Workshop on “Security Issues in Internet of Things ”	18/09/2015 to 19/09/2015	-	Prof.Parth Shah	30,000	GUJCOST
-	Infrastructure set up for A-View classroom Project (Ongoing)	04/09/2015		Prof. Ayesha Shaikh	2,80,000/	MHRD, Govt. of India under NMEICT scheme, IIT, Bombay
Department of Mechanical Engineering						
1	RPS AICTE	Tribological and wettability studies of nanostructured thin films synthesized by magnetron sputtering	22.79 lacs	2013-2016	Dr. Sushant Rawal (PI)	ongoing
2	RPS AICTE	Time-varying Performance Evaluation of Boundary Mould Elements for Effective Application of CAD and	15.88 lacs	2015-2018	Dr. MayurSutaria(PI)	ongoing

		Simulation Technologies in Indian Foundries				
3	DST	SMART (Sustainable Metalcasting using Advanced Research and Technology) Foundry 2020.	69 lacs	2016-2019	Dr. MayurSutaria (Co-PI)	ongoing
4	GUJCOST	Development of high fiber volume fraction –polymer matrix Composites (HFV–PMCs) using Vacuum Assisted Resin Transfer Molding (VARTM)	5 lacs	2016-2018	Dr. PiyushGohil, MSU (PI) Vijay Chaudhary (Co-PI)	ongoing
5	GUJCOST	Experimental investigation of Nanofluid thermal Conductivity Enhancement	4.70 lacs	2016-2018	DattatrayaSubhedar (PI)	ongoing

## PhD Programme

Ph D Programme is offered (under the Faculty of Technology and Engineering) in allied areas of Electronics & Communication Engineering, Mechanical Engineering, Electrical Engineering, Computer Science and Engineering, Information Technology, Civil Engineering and. At present, 76 research scholars are pursuing their Ph D.

## Major Research Areas

Electronics & Communications Engineering	RF and Microwave, VLSI Designing, Wireless Digital Communication; Signal processing
Computer Engineering / Information	Data Mining, Information and Network Security, Digital

Technology	Image Processing, Computer Networking and Commutation, Genetic Analysis, Soft Computing, Semantic Web, Cloud Computing
Electrical Engineering	Electrical Machine design, Analysis and development, Energy Technology and Management, Electrical power system operation and control, Power system restructuring and deregulated power system, Renewable energy, Energy management. Artificial intelligent.
Mechanical Engineering	Rotor Dynamics, Composite Materials, Unconventional Machining, Robotics & Automation, Computational Fluid Dynamics, Reverse Engineering, Casting Simulation, Nano-structured coatings
Civil Engineering	Water & Waste Water Engineering, High Performance Concrete, Analysis of Bridge Structure, Application of GIS in Water Resources Engineering, Remote Sensing & Geographical Information System

### Research Papers Published/Presented

Department	Conference		Journal	
	National	International	National	International
Computer Engineering	0	3	1	6
Civil Engineering	1	4	0	15
Information Technology	0	8	0	3
Electrical Engineering	5	11	0	5
Mechanical Engineering	0	7	0	4
Electronics & Communication	0	15	0	45

The total number of research papers published in journals and conferences are 79 and 54 respectively. Following are the details of published papers:

### Department of Electronics and Communication:

**Dr. Trushit K. Upadhyaya, HoD, Associate Professor**

Design of H-Shape X-band Application Electrically Small Antenna, International Conference on Recent Innovations in Engineering and Technology, New York – USA, Oct-2015

Lunar Surface Crater Topology Generation using Adaptive Edge Detection Algorithm IET Image Processing, International, Jan 2015

**Dr. Hiren Mewada , Associate Professor**

Linux Firmware for Video Acquisition, National Conference on Emerging Research Trends in Engineering 4 6 April 2016, Ghandhinagar, 39-41, April 2016

Review: Various Active Contour Based Image Segmentation Methods, International Journal of Innovative and Emerging Research in Engineering, Vol 3(2), pp. 140-143, ISSN 2394 – 3343, May 2016

Efficient Reversible Watermarking Using Differential Expansible Integer Wavelet Transform, , American Journal of Engineering Research Vol. 5, Issue 6 pp. 54-61, ISSN 320-0936, June 2016

**Prof. Pradip Panchal, Associate Professor**

Pose, Illumination and Expression invariant Face Recognition using Laplacian of Gaussian and Local Binary Pattern, 5th Nirma University International Conference on Engineering - NUiCONE 2015, Ahmedabad, Nov 2015

Discrimination of snow/ice and cloud against various ecological region using dwf and color models, 2016 International conference on computer communication and informatics (ICCCI-2016), Coimbatore, INDIA, Jan 2016

**Prof. Rachna Jani, Associate Professor**

Analysis of various Methods for Time to Digital Conversion, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol. 5, Issue 3 ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875, March 2016

A Comparative Analysis of Various Methods for CMOS Based Integrator Design, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) Vol. 5, Issue 3 ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875, March 2016  
Wireless Energy management and analysis System, 3rd International Conference on Advanced computing and Communication Systems-2016, Jan 2016

**Prof. Brijesh Shah, Associate Professor**

Facial Expression recognition- A survey, International Research Journal of Engineering & Technology Vol3 issue2 ISSN (Print) : 2395 – 0056, ISSN (Online): 2395 – 0072, Feb-2016

An Overview of Design of Microstrip Junction Circulator International Journal of Engineering Development and Research, Vol4 , Issue 2, ISSN: 2321-9939, April 2016

Study of Liquid Crystal Polymer Based Flexible Antenna, International Journal of Advanced Research in Computer Engineering & Technology, Volume 5, issue 3, pp-501-503 ISSN 2278 – 1323 , March 2016

Design of Liquid Crystal Polymer based Flexible Dual-band Microstrip Patch Antenna, International Conference on Communication & Signal Processing (ICCSP2016) 912-915, April 2016

**Dr. S K Hadia, Associate Professor**

Energy Efficient MIMO Communication Technique – A Survey, International Journal of science and advance research in technology, Volume 2, Issue 3, ISSN: 2395-1052, March 2016

Comparative analysis of cooperative mimo based wireless sensor network Journal of Emerging Technologies and Innovative Research, Volume 3, Issue 5, ISSN-2349-5162, May 2016

Implementation and comparative analysis of the optimizations produced by evolutionary algorithms for the parameter extraction of PSP MOSFET model, International Journal of Electronics Vol.103 Issue 5, pp. 794-806, International, Oct 2015

Review: Various Active Contour Based Image Segmentation Methods, International Journal of Innovative and Emerging Research in Engineering, Vol 3(2), pp. 140-143, ISSN 2394 – 3343, May 2016

Comparative Study on Wi-Fi & WiMAX for Short Range Communication, International Journal of Trend in Research and Development, Volume 3(Issue 2), pp.215-218, ISSN 2394-9333, April 2016

Less Complex Channel Estimation Technique for MIMO OFDM system , International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 04, e-ISSN: 2395 -0056 p-ISSN: 2395-0072 , April 2016

**Dr. Falguni Raval, Associate Professor**

Third Order Low Pass Chebyshev Filter Characteristic Realization Using the Ansoft Designer., Inventi:antenna & wave propagation, Vol 2016, issue 3, ISSN, 2278-6309, June-2016

Maximally low pass filter at 1GHz., Inventi Rapid: Electronic Components, Vol-2016, issue , May 2016

Study of Liquid Crystal Polymer Based Flexible Antenna, International Journal of Advanced Research in Computer Engineering & Technology, Volume 5,issue 3,pp-501-503 ISSN 2278 – 1323 , March 2016

Design of Circular Monopole Antenna for Ultra Wide Band Application, International Research Journal of Engineering and Technology, Volume 3,issue 4,pp-2785-2789, ISSN 2395 -0056, May 2016

Design Of Microstrip Lowpass Filter, International Journal of Innovative and Emerging Research in Engineering, Volume 3,issue 4,pp-99-104 ISSN 2394-3343,2016

Dual-band wearable antenna using split ring resonator Waves in complex & random media, pp.1 7, International, Jan 2016

Design of Liquid Crystal Polymer based Flexible Dual-band Microstrip Patch Antenna, International Conference on Communication & Signal Processing (ICCSP2016) 912-915, April 2016

**Prof. Hardik modi, Assistant Professor**

A Review on Fundamental Premises and Algorithmic Approaches in Compressive Sensing, Current Trends in Signal Processing Volume 6,issue 1,pp-18-25, ISSN 2321-4252 , April 2016

IoT Based Healthcare Monitoring system With Alert And Notification System, International Journal of Advance Engineering and Research Development, Volume 3,issue 4,pp-262-269, ISSN 2348-6406, April 2016

Differential GPS: A Comprehensive Study, International Journal of Innovative and Emerging Research in Engineering, Volume 3,issue 4,pp-71-78, ISSN 2394 – 5494, April 2016

Emerging Wireless Technologies: A Comparative Analysis, Journal of Emerging Technologies and Innovative Research, Volume 3,issue 4,pp-300-304, ISSN 2349-5162, April 2016

Design and Implementation of Non Touch Enabled Password System, Proceedings of International Conference on ICT for Sustainable Development, Volume 409, PP 545-553, Feb-2016

Design of High Data Rate and Multipath Efficient Underwater Acoustic Communication System Using OFDM–DQPSK, Proceedings of International Conference on ICT for Sustainable Development, Volume 408, PP 493-502, Feb-2016

Comparative Study of Different Methods for Brain Tumor Extraction from MRI Images using Image Processing, Indian Journal of Science and Technology, Vol 9(4), International, Jan 2016

**Prof. Himanshu Patel, Assistant Professor**

A Review on Fundamental Premises and Algorithmic Approaches in Compressive Sensing, Current Trends in Signal Processing Volume 6,issue 1,pp-18-25, ISSN 2321-4252 , April 2016

IoT Based Healthcare Monitoring system With Alert And Notification System, International Journal of Advance Engineering and Research Development, Volume 3,issue 4,pp-262-269, ISSN 2348-6406, April 2016

Differential GPS: A Comprehensive Study, International Journal of Innovative and Emerging Research in Engineering, Volume 3,issue 4,pp-71-78, ISSN 2394 – 5494, April 2016

Emerging Wireless Technologies: A Comparative Analysis, Journal of Emerging Technologies and Innovative Research, Volume 3,issue 4,pp-300-304, ISSN 2349-5162, April 2016

**Prof. Sagar Patel, Assistant Professor**

Performance of Single Input Single Output (SISO) System with Spatial Modulation, International Journal for Scientific Research & Development (IJSRD), Vol 4, No 02 , PP-1957-1959, Online: ISSN 2321 – 0613 , April 2016

**Prof. Hitesh Patel , Assistant Professor**

Clean Room Indicator for Pharmaceutical Production, Proceedings of International conference on Advances in Electrical & Electronics, Information & Bioinformatics, PP.306-310, Feb-2016

Controlling Home Appliances Using Eye Blink With Advance Security, International Journal of Technical Research and Applications, Volume 4, Issue 3, pp.89-92 ISSN 2320-8163, May- 2016

**Prof. Jignesh J. Patoliya, Assistant Professor**

Arduino Controlled War Field Spy Robot using Night Vision Wireless Camera and Android Application, 5th Nirma University International Conference on Engineering - NUiCONE 2015, Ahmedabad, Nov 2015

Clean Room Indicator for Pharmaceutical Production, Proceedings of International conference on Advances in Electrical & Electronics, Information & Bioinformatics, PP.306-310, Feb-2016

Cost effective digitization of Home Appliances for Home Automation with low-power WIFI devices, Proceedings of International conference on Advances in Electrical & Electronics, Information & Bioinformatics, PP 649-654, Feb 2016

IOT Based Water Quality Monitoring System, Proceedings of 49th IRF International Conference, PP 36-40, Feb 2016

A Survey: Embedded World Around MQTT Protocol for IoT Application, International Journal for Scientific Research & Development, Vol. 4, Issue 02, 26-29, ISSN 2321-0613, April 2016

Controlling Home Appliances Using Eye Blink With Advance Security, International Journal of Technical Research and Applications, Volume 4, Issue 3, pp.89-92 ISSN 2320-8163, May- 2016

Wireless Energy management and analysis System, 3rd International Conference on Advanced computing and Communication Systems-2016, Jan 2016

**Prof. Dharmendra Chauhan, Assistant Professor**

Less Complex Channel Estimation Technique for MIMO OFDM system , International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 04, e-ISSN: 2395 -0056 p-ISSN: 2395-0072 , April 2016

**Prof. Upesh Patel, Assistant Professor**

Comparison of Algorithms for Cut and Fade Transition Detection for Video, The International Journal of Science & Technoledge (IJST) Vol 4 Issue 5 pp:39-50 ISSN 2321-919X, May 2016

Application of Genetic Algorithm in VLSI, Inventi Rapid: VLSI Inventi Rapid: VLSI pp:1-3 , ISSN 2278-635X, May 2016

**Prof. Manthan Manavadaria, Assistant Professor**

Functional Realization of Electronic Elements in Liquid State: A Review, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016 544-548, March 2016

**Prof. Kaushal Vala, Assistant Professor**

Comparison of Algorithms for Cut and Fade Transition Detection for Video, The International Journal of Science & Technoledge (IJST) Vol 4 Issue 5 pp:39-50 ISSN 2321-919X, May 2016

Application of Genetic Algorithm in VLSI, Inventi Rapid: VLSI Inventi Rapid: VLSI pp:1-3 , ISSN 2278-635X, May 2016



**Prof. Vishal Tank, Assistant Professor**

Data hiding approach embedded in ETSI GSM 6.10 RPE-LTP coder: A Tutorial Review, Inventi Rapid: Audio, Speech & Music Processing, Vol 2016, issue 3, April 2016  
ITU-T G.7XX Standards for speech codec, Inventi Rapid: Audio, Speech & Music Processing, Vol 2016, issue 3, April 2016

**Prof. Brijesh Kundaliya, Assistant Professor**

Comparison of Algorithms for Cut and Fade Transition Detection for Video, The International Journal of Science & Technoledge (IJST) Vol 4 Issue 5 pp:39-50 ISSN 2321-919X, May 2016

Application of Genetic Algorithm in VLSI, Inventi Rapid: VLSI Inventi Rapid: VLSI pp:1-3 , ISSN 2278-635X, May 2016

**Prof. Riki Patel, Assistant Professor**

Design of H-Shape X-band Application Electrically Small Antenna, International Conference on Recent Innovations in Engineering and Technology, New York – USA, Oct-2015

A Discussion on Electrically Small antenna property, Microwave & Optical technology letter, Vol 57, pp.2386-2388, International, Oct 2015

**Dr. Amit Patel, CSTC, Assistant Professor**

K Band Class-C MESFET Based Frequency Quadrupler With Highly Selective Siw Bandpass Filter For Inter Satellite Communication, Microwave and Optical Technology Letters, Vol. 58, No. 4, pg. 767-776 , International, April 2016

Conductive, Dielectric and Amalgamated obstacles Coupled Waveguide based Highly Selective Multiband band pass Resonators, International journal of Applied electromagnetic and mechanics, Vol-49, no.3, pp. 1-11, International, Nov 2015

Geometric Correction and Distortion Methods for Finding Key point: A Survey, International Journal for Scientific Research & Development, Vol. 4, Issue 02, pp.311-314, ISSN 2321-0613, April 2016

Maximally low pass filter at 1GHz., Inventi Rapid: Electronic Components, Vol-2016, issue , May 2016

**Prof. Keyur Mahant CSTC, Assistant Professor**

FPGA Implementation of Digital pulse processing techniques for Radiation Measurement, IEEE International Conference on Microelectronics, Computing and Communication (MicroCom 2016), Jan 2016

**Prof. Rikin J. Nayak, CSTC, Assistant Professor**

Comparative Study on Wi-Fi & WiMAX for Short Range Communication, International Journal of Trend in Research and Development, Volume 3(Issue 2), pp.215-218, ISSN 2394-9333, April 2016

**Prof. Jagrat Mehta CSTC, Assistant Professor**

Performance Analysis of Super-scaled LEON3 Core for IEEE-754 Floating Point Operations, International Conference on Information Processing (ICIP), IEEE-2015, Dec 2015

**Prof. Romil Patel, CSTC, Assistant Professor**

K Band Class-C MESFET Based Frequency Quadrupler With Highly Selective Siw Bandpass Filter For Inter Satellite Communication, Microwave and Optical Technology Letters, Vol. 58, No. 4, pg. 767-776, International, April 2016

**Department of Mechanical Engineering:**

**Mr. Sushant Rawal, Associate Professor, Mr. Kartik Patel, Assistant Professor**

Exploration of Wettability and Optical Aspects of ZnO Nano Thin Films Synthesized by Radio Frequency Magnetron Sputtering in International Journal of Nanomaterials and Nanotechnology, 2016

**Mr. Anand Patel, Assistant Professor & Mr. Zankhan Sonara, Assistant Professor**

Stress and Strain Analysis on Extruder Auger Assembly in static condition in International Journal of Innovative Research in Science, Engineering and Technology, 2015

**Mr. Kawaljit Singh Randhawa, Assistant Professor**

Advantage of Knuckle joint in Pneumatic Press in International Journal of Research in Mechanical Engineering, Volume 3, 2015

Effect of process parameter on surface roughness and material removal rate in International Journal of Research in Mechanical Engineering & Technology, Volume 5, 2015

Moisture removing & increasing efficiency in Ball mill in International Journal for Scientific Research & Development Volume 3, 2015

Development of Automatic clamping and ejection system for Gravity Die casting in International Journal for Scientific Research & Development, Volume 3, 2015

Case Study on Queuing in International International Journal of Engineering Technology science and Research, Volume 2, 2015

**Department of Computer Engineering:**

**Dr. Amit Ganatra, Professor & Head**

AGED (Automatic Generation of Eps for DBSCAN) in International Journal of Computer Science and Information Security (IJCSIS), May 2016.

An Empirical Evaluation of Data Mining Classification Algorithms in International Journal of Computer Science and Information Security (IJCSIS), May 2016.

Radial Basis Polynomial Kernel (RBPk): A Generalized Kernel for Support Vector in International Journal of Computer Science and Information Security (IJCSIS), April 2016.

MOiD (Multiple Objects incremental DBSCAN) – A paradigm shift in incremental DBSCAN in International Journal of Computer Science and Information Security (IJCSIS), April 2016.

**Chintan Bhatt, Assistant Professor**

Mining Big Data using Modified Induction Tree Approach in International Journal of Intelligent Engineering and Systems (indexed by SCOPUS), June 2016 (SJR-0.1).

Big Data Mining:A Review in CSI Communications, February 2016.

INTERNET OF THINGS (IOT): IN A WAY OF SMART WORLD in International Congress on Information and Communication Technology (ICICT-2015), November 2015.

**Department of Electrical Engineering:**

**Dr. Bhinal B Mehta, Associate Professor**

Small signal stability enhancement of DFIG based wind power system using optimized controllers parameters in International Journal of Electrical Power & Energy Systems (ELSEVIER) Vol.70 pp. 70-82.

**Dr. Praghresh Bhatt, Professor**

Distance Relaying with Power Swing Detection based on Voltage and Reactive Power Sensitivity in International Journal of Emerging Electric Power Systems ISSN (Print) 2194-5756 E: ISSN (Online) 1553-779x.

**Nilay Patel, Assistant Professor**

A cumulative Sum Based Fault Detection Technique for the series compensated Line during Power Swing. in International Journal of Advance Engineering and Research Development (IJAERD) Vol 2 Issue 11, SSN print: 2348-6406.

**Pankita Mehta Assistant Professor, Dr. Praghresh Bhatt, Professor**

Optimal Selection of Distributed Generating Units and its Placement for Voltage Stability Enhancement and Energy Loss Minimization in Ain Shams Engineering Journal, Elsevier DOI information:10.1016/j.asej.2015.10.009.

**Sajid Patel, Assistant Professor**

Review of Direct Torque Control Technique on Permanent Magnet Synchronous Motor in International Journal of Current Engineering and Scientific Research IJCESR Vol 3 Issue1, 22-28, P ISSN:2393-8374 E ISSN: 2394-0697.

**Department of Information Technology:**

**Ms.Renu Gupta, Ankita Shah, Mr.Amit Thakkar, Mr.Kamlesh Makwana**

Survey on Various Web Page Ranking Algorithms An international journal of advanced computer technology, Volume: 5/Issue: 1 Page: 2046-2052, January-2016

**Mr. Vishwas Raval, Mr. Parth Shah, Assistant Professor, Associate Professor,**

ABRDBMS- A new Padigm in Information Storage and Retrieval from RDBMS, International Journal of Advanced Research in Computer and Communication Engineering, 2319-5940, Volume: 4/Issue: 12 Page: 201-204, December-2015

**Ms. Nidhi Madia, Mr. Amit Thakkar, Mr. Kamlesh Makvana, Assistant Professor**

Survey on Recommendation System Using Semantic Web Mining, International Journal of Innovative and Emerging Research in Engineering 2394-5494, Volume: 2/ Issue: 2 Page: 13-17, December-2015

**Department of Civil Engineering:**

**Vijay R. Panchal, Ashit K. Kikani**

Comparative study of Pipe Rack Structure with modular concept and normal stick-built approach using ASCE 7-02, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X.

**Pooja Mistry, Rajan Patel, B. N. Kadia**

Comparative study of Live load condition on RCC Girder Span bridge using IRC and AASTHO, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Jay Bhavsar, Jaideep R. raghawani, Dinesh Shah**

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**Jay Bhavsar, Parimal D. Donga, Dinesh shah**

Impact resistance of waste rubber fiber silica fume concrete, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Neha Chauhan, Vatsal n Patel, Dhairya C Shah**

Compressive strength study on geopolymar mortar nusing GGBFS and fly ash, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**D Y Patel, A V Thomas, B N Patel**

A study on progressive collapse of 15 storey building, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Vipul H Vyas, Hiren G Desai, Hardik S panchal**

Comparative Analysis of Transmission line tower with different using conventional angle section and closed hollow section, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Dipali Y Patel, Hiren G Desai, Yagnesh A Italia**

Analysis and Behavior of G+10 Building with Transfer Girder, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, 2349-8404; e-ISSN: 2349-879X

**Pooja Mistry, Akshay S Patel, Dinesh Shah**

Effect of Various Curing on Mechanical Properties of high performance concrete containing supplementary cementitious material, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Jay K Bhavsar Chintan P Patel**

Enhancement of Concrete properties by replacing cement and fine aggregate with ceramic powder, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Jay K Bhavsar, Nagesh Trivedi, Vatsal N Patel**

Experimental study of mechanical properties of M30 grade Hybrid concrete incorporating mineral admixture and steel fibers, Journal of Civil Engineering and Environmental Technology, Volume 3, Issue 4, p-ISSN: 2349-8404; e-ISSN: 2349-879X

**Dr. V. R. Panchal, Sachi Parekh, Dr. M. Kumar**

Seismic response of cable stayed bridge isolated with triple friction pendulum system (TFPS), International Journal of Innovative Research in Science and Engineering, Volume 2, Issue 4, ISSN: 2454-9665

**Dr. Vijay R Panchal, Hardik C Patel**

Development of P-M Interaction chart for concrete filled tube (CFT) Composite columns, International Journal of Innovative Research in Science and Engineering, Volume 2, Issue 4, ISSN: 2454-9665

**Mehul P Katakiya, Ami D Parekh, Samir P Parmar**

Effect of grain size, gradation and relative density on shear strength and dynamic cone penetration index of Mahi, Sabarmati and Vatrak Sand, Discovery The International Daily Journal, ISSN-2278-5469, EISSN 2278-5450

**S.V. Rajesh, Prabhin Sukumaran, and K. Krishnan.**

Scenario of Chalcolithic Site Surveys in Gujarat." *Pakistan Heritage* 7 (2015): 1-34.

## **Following are the details of Presented papers by various faculties:**

### **Department of Computer Engineering**

**Chintan Bhatt, Assistant Professor**

A Survey of Open Source Protocols XMPP and SIP for Instant Messaging System in International Conference on Cyber Security and IT Governance (Cy4 2016 ), March 2016.

**Ashwin Makwana, Assistant Professor**

Publish/Subscribe Mechanism for IoT: A Survey of Event Matching Algorithms and Open Research Challenges in International Conference on Communication on Networks (ComNet 2016), February 2016.

**Dippal Israni, Arpita Shah, Assistant Professor**

Comparison of different techniques of Camera Autofocusing in International Conference on ICT for Intelligent Systems (ICTIS 2015), November 2015.

### **Department of Electrical Engineering:**

**Dr. Kartik .S.Pandya, Professor**

A tuned cuckoo search algorithm for optimal coordination of Directional Overcurrent Relays International Conference on Power and Advanced Control Engineering (ICPACE), 2015 Bengaluru, India.

**Mihir Bhatt Assistant Professor, Pratik Mochi Assistant Professor**

“Modelling and Simulation of Multi-stage Impulse Voltage Generator using Matlab Simulink International Conference on Electrical Engineering & Computer Science, 2015 Hong Kong.

**Pankita Mehta Assistant Professor, Dr. Praghresh Bhatt, Professor**

Challenges and Solutions for Improvement In Radial Distribution Network: A Review International Conference on "Women in Science and Technology: Creating Sustainable Career" ICWSTCSC-2016, BVM Engineering College V.V Nagar.

**Maulik Shah, Assistant Professor**

“Stability improvement of fixed speed induction generator based wind farm using statcom for different types of fault International Conference on Electrical and Electronics and optimization techniques ICEOOT, IEEE Madras Section

**Nilay Patel Assistant Professor, Mihir Patel Assistant Professor**

“Enhancement of Transient Stability on Power System with the use of Power system stabilizers” International Conference on Electrical and Electronics and optimization techniques ICEOOT, IEEE Madras Section

**Vineetha Ravindran Assistant Professor, Jil Sutariya, Assistant Professor**

“Implementation in Arm Microcontroller to Maximize the Power Output of Solar Panel using Hill Climbing Algorithm” International Conference on Electrical, Electronics and Optimization Techniques ICEOOT, IEEE Madras Section.

**Dr. Kartik .S.Pandya, Professor**

“On 8-Bus Test System for Solving Challenges in Relay Coordination” International Conference on Electrical, Electronics and Optimization Techniques ICEOOT, IEEE Madras Section.

**Jigar Sarda, Assistant Professor**

"Optimal Placement of Multi-Type Facts Controllers Using Real Coded Genetic Algorithm" International Conference on Electrical, Electronics and Optimization Techniques ICEOOT, IEEE Madras Section.



**Bhinal Mehta, Associate Professor**

"Enhancement of Frequency Regulation by Permanent Magnet Synchronous Generator using Coordinated Control in Wind Power Plants" 1st International Conference on Automation in Industries (ICAI).

**Bhinal Mehta, Associate Professor**

"Transient Stability Enhancement of Doubly Fed Induction Generator" 1st International Conference on Automation in Industries (ICAI).

**Department of Information Technology**

**Mr.Sandip Patel, Mr.Parth Shah, Mr.Ritesh Patel, Assistant Professor, Associate Professor**

Optimal RP based Dynamic Load Balancing in Amazon EC2 Environment

2nd International Conference on Bioinformatics and Computer Engineering (ICBCE 2016), April 2016

**Mr.Pritesh Prajapati, Mr.Parth Shah, Dr. Amit Ganatra**

Efficient cross user data deduplication in Hadoop

2nd International Conference on Bioinformatics and Computer Engineering (ICBCE 2016), April 2016

**Ms.Arпита Sanghani, Mr. Nirav Bhatt, Mr. N C Chauhan**

A Review of Soft Computing Techniques for Time Series Forecasting“

3rd International Conference on Innovations in Information Embedded and Communication Systems (ICIIECS), March 2016

**Mr.Sanket Shah, Mr.Amit Thakkar, Ms.Sonal Rami**

A novel Approach for making Recommendation using Skyline Query based on User location and Preference

2016 International conference on Innovation in information Embedded and communication System (ICIIECS 2016), March 2016

**Mr.Jay Patel, Mr.Pinal Shah, Mr. Parth Shah, Mr. Kamlesh Makwana**

An approach to identify user interest by reranking personalize web

Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), March 2016

**Mr.Kamlesh Makwana, Mr. Parth Shah, Mr. Amit Thakkar**

An Approach to identify semantic relations between users queries in text retrieval

Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2016), March 2016

**Ms.Krupa Patel, Mr.Amit Thakkar, Mrs.Chandani Shah, Mr. Kamlesh Makwana**

A state of Art survey on shilling attack in Collaborative Filtering Based Recommendation System  
Springer Verlag Germany Smart Innovation System and Technologies (SIST), December 2015

**Mr. Mrudang Pandya, Mr. Jay Patel**

A Survey: Artificial Neural Network for Character Recognition

5th International Conference on Soft Computing for Problem Solving (SocProS2015), December 2015

**Department of Mechanical Engineering:**

**Dr. Mayur sutaria, Associate Professor, Mr. A.V. Vyas, Assistant Professor**

Suppression of Mould-Metal Reactions in Investment Casting of Magnesium Alloy AZ91 in 64th  
Indian Foundry Congress. January 29-31, 2016 Coimbatore

**Mr. Vijay P. Chaudhary, Associate Professor, Mr. Kundan Patel, Assistant Professor**

Investigation of Deramination factor in high speed drilling on chopped GFRP using ANFIS in 3rd International Conference on Innovation in Automation and Mechatronics Engineering (ICIAME-2016). February 5-6, 2016, G.H.Patel College of Engineering & Technology, V.V.Nagar

**Mr. Dattatraya Subhedar, Assistant Professor**

Numerical Investigation of performance for Car Radiator Oval tube in International Conference on Recent Trends in Engineering and Material Science IICEMS-2016  
. March 17-19, 2016, Jaipur National University, Jaipur

**Mr. Dattatraya Subhedar, Assistant Professor**

Experimental Investigation of Finned S-Shape Heat pipe for cooling of electronics System in National Conference on Design, Analysis and Optimization in Mechanical Engineering (DAOME-2016), March 18-19, 2016, M.S.University,Vadodara

**Department of Civil Engineering:**

**Dr. Prabhin Sukumaran, Assistant Professor**

Fluvial responses during Little Ice Age; Evidences from South-west Indian Monsoon River at XIX INQUA Congress 27<sup>th</sup> July – 2<sup>nd</sup> Aug, 2015 Nagoya, Japan.

Field Investigations in Bhal Region, Gujarat in the one day seminar on New perspectives on Pre- and Protohistory in India organized by Deccan College and Indian Society for Prehistoric and Quaternary Studies (ISPQS) at Pune on 18<sup>th</sup> August 2015.

**Chauhan N. H, Desai D. J. and Doiphode G. S.**

Critical Buckling Analysis of Spherical Shell, Sixth international congress on Computational mechanics and Simulation (ICCMS 2016), IIT Bombay, Powai, Maharashtra, India, 27 June – 1 July, 2016.

**Chauhan N. H., Patel F. V., and Soni D. P.**

Seismic Behavior of LNG Tank Isolated By Double Variable Curvature Friction Pendulum System, Sixth international congress on Computational mechanics and Simulation (ICCMS 2016), IIT Bombay, Powai, Maharashtra, India, 27 June – 1 July, 2016.

Chauhan N. H., Katrodiya D. G., and Chauhan R. L., “Study On Analysis of RC Slabs Under Concentrated Loading”, Sixth international congress on Computational mechanics and Simulation (ICCMS 2016), IIT Bombay, Powai, Maharashtra, India, 27 June – 1 July, 2016.

### **Publications of Book:**

- “Effect of Bamboo Hybridization and Staking Sequence on Mechanical Behavior of Bamboo Glass Hybrid Composite” is published in book Green Approaches to Biocomposite Materials Science and Engineering, IGI Global, 2016.

ISBN 9781522504245    ISBN 9781522504252 (ebook)

Authors: Piyush P. Gohil , Vijaykumar Chaudhary , Kundan Patel, Ronak Ramjiyani

### **Consultancy and Extension Services**

Following are details of industrial consultancy activities by various departments.

#### **Department of Mechanical Engineering**

Industrial Consultancy	<p>Margen Impex Ltd. (V.U.Nagar) project includes:</p> <ul style="list-style-type: none"> <li>• FEA analysis Drivebase</li> <li>• Load Bank weight reduction of fabrication</li> <li>• Air flow analysis of the Load Bank</li> <li>• FEA for pressure vessel</li> </ul>
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#### **Department of Computer Engineering**

Industrial Consultancy	<ul style="list-style-type: none"> <li>• ERP Solution for Comfy Enterprises provided by Comfy Furniture, Vidyanagar to Department of Information Technology and U &amp; P U Patel Department of Computer Engineering</li> <li>• iLearn and iDoc Educational Online Portal is provided by Celtic System Pvt. Ltd., Vadodara to Department of Information Technology and U &amp; P U Patel Department of Computer Engineering</li> </ul>
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#### **Department of Information Technology**

Industrial Consultancy	<ul style="list-style-type: none"> <li>• Project consultancy provided by Meghdoot Steel Industries.</li> <li>• Project consultancy provided by Celtic System,Vadodara</li> </ul>
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### Academic Programmes Organised / Participated

CSPIT also provides an enabling environment for the faculty members to contribute their best in a synergistic manner in order to improve the teaching-learning process and to enhance the research activities in the institute. The institute encourages the faculty members and provides them the opportunities to actively participate in conferences, seminars and workshops at national and international level. The faculty members have contributed their expertise to carry out the research in different field of Engineering. There were total **122** Workshop/STTPs/FDPs, **7** conferences and **10** seminars organised/participated by faculty members. The following tables elucidate the participation of the faculty members to augment their technical skills:

Department	Workshop	Conference	Seminar
Computer Engineering	15+10 STTP	01	00
Civil Engineering	03	00	01
Information Technology	09 + 5 STTP + 7 FDP	01	03
Electrical Engineering	03 + 08 STTP + 1 FDP	00	03
Mechanical Engineering	07 STTP + 01 Workshop	00	00
Electronics & Communication Engineering	15 + 31 STTP + 2 FDP + 4 STC + 2 SST	05	03

### A Glimpse of the Programmes participated:

Faculty Name	Programme Name	Institution	Schedule Dates/Duration	Topics of Programme
<b>Electronics &amp; Communication Engineering</b>				
Manthan Manavadaria	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Jignesh J. Patoliya	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Brijesh N. Shah	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Rachna Jani	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Rajat Pandey	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Himanshu Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Dharmendra Chauhan	STTP	CSPIT, CHARUSAT,	08/12/2015 to	Engineering Physics

		Changa	18/12/2015	
Sagarkumar Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Sarman K Hadia	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Yogesh Tiwari	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Vishal P. Tank	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Kaushal Vala	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Brijesh Kundaliya	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Maulik Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Bhavesh Gopani	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Dhara M Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Poonam Thanki	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Dhara P Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Arpita Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Hitesh Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Falguni Raval	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Riki H Patel	STTP	CSPIT, CHARUSAT, Changa	08/12/2015 to 18/12/2015	Engineering Physics
Pradip Panchal	STTP	MNIT, Jaipur	26/02/2016 to 01/03/2016	Adaptive Signal Processing : Theory and Applications
Manthan S. Manavadaria	STTP	BVM, Vallabh Vidyanagar	09/05/2016 to 21/05/2016	ICT Enabled Academic & Administrative Governance in Technical Institutions (Including Quality Assurance) - iTEAAGTi-2016
Vishal P. Tank	STTP	BVM, Vallabh Vidyanagar	23/05/2016 to 04/06/2016	MATLAB and its applications
Kaushal M. Vala	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2016	IoT & Advances in Embedded system
Upesh P. Patel	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2016	IoT & Advances in Embedded system
Dhara M Patel	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2016	IoT & Advances in Embedded system
Falguni Raval	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2016	IoT & Advances in Embedded system

		Changa	11/06/2017	Embedded system
Poonam Thanki	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2017	IoT & Advances in Embedded system
Trushit Upadhyaya	STTP	CSPIT, CHARUSAT, Changa	06/06/2016 to 11/06/2017	IoT & Advances in Embedded system
Brijesh N. Shah	FDP	BVM,VV NAGAR	29/02/2016 to 05/03/2016	Recent Trends in Wireless Communication 7 Networking
Sarman K.Hadia	FDP	BVM,VV NAGAR	29/02/2016 to 5/03/2016	Recent Trends in Wireless Communication 7 Networking
Trushit K. Upadhyaya	STC	IIT, Kharagpur	17/11/2015 to 21/11/2015	Dielectric Resonator Antennas-Analysis and Design
Killol Pandya	STC	IIT,Kharagpur	17/11/2015 to 21/11/2015	Dielectric Resonator Antennas-Analysis and Design
Miral Desai	STC	IIT,Kharagpur	20/06/2016 to 24/06/2016	Embedded System Design
Jignesh Patoliya	STC	IIT,Kharagpur	20/06/2016 to 24/06/2016	Embedded System Design
Dhara M Patel	SST	HRDC, CHARUSAT	24/11/2015 to 01/12/2015	Art & Science of Counselling : Developing Behaviour change, Communication and Basic Counselling Skills
Kalpesh M Patel	SST	HRDC, CHARUSAT	27/01/2016 to 28/01/2016	Empowering people with Efficiency and Effectiveness
Trushit K. Upadhyaya	Expert Talk	MBICT, New Vallabh Vidyanagar	07/10/2015 to 07/10/2015	Silicon Nano Devices
Rachna Jani	Expert Talk	MBICT, New Vallabh Vidyanagar	07/10/2015 to 07/10/2015	Silicon Nano Devices
Sagar Patel	Tutorial	Nirma University	25/11/2015 to 25/11/2015	Mobile Broadband systems: LTE and LTE Advanced
Killol Pandya	Workshop	CSPIT,Charusat, Changa	19/10/2015 to 24/10/2015	Arduino & Robotics
Vishal P. Tank	Workshop	CSPIT,Charusat, Changa	30/10/2015 to 31/10/2015	Advances in signal processing and communication Technology
Brijesh Kundaliya	Workshop	CSPIT,Charusat, Changa	30/10/2015 to 31/10/2015	Advances in signal processing and communication Technology
Maulik Patel	Workshop	CSPIT,Charusat,	30/10/2015 to	Advances in signal

		Changa	31/10/2015	processing and communication Technology
Kaushal Vala	Workshop	CSPIT,Charusat, Changa	30/10/2015 to 31/10/2015	Advances in signal processing and communication Technology
Rajat Pandey	Workshop	CSPIT,Charusat, Changa	30/10/2015 to 31/10/2015	Advances in signal processing and communication Technology
Brijesh Shah	Workshop	CHARUSAT,CHANGA	02/04/2016 to 02/04/2016	Teacher Effectiveness
S.K.Hadia	Workshop	CHARUSAT,CHANGA	02/04/2016 to 02/04/2016	Teacher Effectiveness
Dhara M Patel	Workshop	HRDC, CHARUSAT	02/04/2016 to 02/04/2016	Teacher Effectiveness
Poonam Thanki	Workshop	HRDC, CHARUSAT	02/04/2016 to 02/04/2016	Teacher Effectiveness
Trushit Upadhyaya	Workshop	Nirma University, Ahmedabad	08/04/2016 to 09/04/2016	Outcome Based Education (OBE)
Upesh Patel	Workshop	HRDC, CHARUSAT	07/05/2016 to 07/05/2016	Teacher Effectiveness
Brijesh Kundaliya	Workshop	HRDC, CHARUSAT	07/05/2016 to 07/05/2016	Teacher Effectiveness
Kaushal Vala	Workshop	HRDC, CHARUSAT	07/05/2016 to 07/05/2016	Teacher Effectiveness
Trushit K. Upadhyaya	CONFERENCE	International Conference on Recent Innovations in Engineering and Technology, New York - USA	23/10/2015 to 23/10/2015	Design of H-Shape X-band Application Electrically Small Antenna
Jignesh J. Patoliya	CONFERENCE	5th Nirma University International Conference on Engineering - NUiCONE 2015, Ahmedabad	26/11/2015 to 28/11/2015	Arduino Controlled War Field Spy Robot using Night Vision Wireless Camera and Android Application
Pradip Panchal	CONFERENCE	5th Nirma University International Conference on Engineering - NUiCONE 2015, Ahmedabad	26/11/2015 to 28/11/2015	Pose, Illumination and Expression invariant Face Recognition using Laplacian of Gaussian and Local Binary Pattern
Riki H Patel	CONFERENCE	International Conference on Recent Innovations in Engineering and Technology, New York - USA	23/10/2015 to 23/10/2015	Design of H-Shape X-band Application Electrically Small Antenna
Riki H Patel	CONFERENCE	17th International conference on	20/04/2015 to 21/04/2015	Desing od S-shape GPS Application



		Information and Communication Engineering		Electrically Small antenna
<b>Department of Civil Engineering</b>				
Dr. Prabhin Sukumaran	Conference	International union for quaternary research	27/07/2015 to 02/08/2015	Quaternary perspectives on climate change, nature hazards & civilization
Prakash J. Dabhi	Seminar	G H Patel College of Engineering, V V Nagar	15/10/2015 to 15/10/2015	Green Building: Concept, Principles and Case Studies
Mehul Katakiya	Conference	Motilal Nehru National Institute of Technology	09/10/2015 to 11/10/2015	International Conference of Geo-Engineering and Climate change Technology for Sustainable Environmental Management
Megha Desai	Workshop	SPCE	09/10/2015 to 10/10/2015	Advances in Construction technology and project management
Gargi Sojitra	Workshop	SPCE	09/10/2015 to 10/10/2015	Advances in Construction technology and project management
Dr. Prabhin Sukumaran	Workshop	Indian Institute of Science Education and Research (IISER), Mohali, Punjab	23/12/2015 to 29/12/2015 /	Paleoantropology Field School, 2015
Shweta Sharma	Conference	MSU, Vadodara and GEMI	30/01/2016 to 31/01/2016	Emerging Issues and Challenges in Water Pollution and Wastewater Treatment
Mehul Katakiya	Workshop	DDU, Nadiad & IGC (Baroda chapter)	16/02/2016 to 16/02/2016	gINT Applications in Geotechnical Reporting and Web Publishing
Pinky Sharma	WORKSHOP	DDU, Nadiad & IGC (Baroda chapter)	16/02/2016 to 16/02/2016	gINT Applications in Geotechnical Reporting and Web Publishing
Hiteshri Shashtri	Conference	Technology Information, Forecasting and Assessment Council (TIFAC), Delhi, India and International Society	28/10/2015 to 30/10/2015	6th Conference of the International Society for Integrated Disaster Risk Management

		for Integrated Disaster Risk Management (IDRiM) Co-organizes by International Institute for Applied Systems Analysis (IIASA) in Partnership with the Disaster Prevention Research Institute (DPRI), Japan		(IDRiM 2015), entitled “Disaster Risk Reduction: Challenges and Opportunities for Sustainable Growth”.
Dr. Prabhin Sukumaran	WORKSHOP	Academic Development & Research Cell, Nirma University, Ahmedabad	08/04/2016 to 09/04/2016	National workshop on Outcome Based Education
Devang Patel				
Megha Desai	STTP	Civil Engineering Department, Birla Vishvakarma Mahavidyalaya, V.V.Nagar	13/06/2016 to 18/06/2016	Construction Project Management
Virag Shah	Conference	Centre for Environment, Indian Institute of Technology Guwahati	04/06/2016 to 05/06/2016	National Conference on Recent Advancements in Environmental Research [RAER 2016]
Dr. V. R. Panchal	STTP	IIT Bombay	04/07/2016 to 08/07/2016	Finite Element Methods & Applications in Civil Engineering
Virag Shah	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Jaydeep Desai	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Jay Bhavsar	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Mitali Vedanti	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Mehul Katakiya	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar	02/04/2016 to 02/04/2016	Teacher Effectiveness

		University of Science & Technology		
Parth Patel	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Nirpex Patel	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Hiteshri Shastri	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Devang Patel	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Darpan Doshi	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Vipul Vyas	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/04/2016 to 02/04/2016	Teacher Effectiveness
Kanchal Dave	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	07/05/2016 to 07/05/2016	Teacher Effectiveness
Pinki Sharma	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	07/05/2016 to 07/05/2016	Teacher Effectiveness
Dr. V. R. Panchal	Workshop	Pri. B.I.Patel Human resource Development Center, Charotar University of Science & Technology	02/07/2016 to 02/07/2016	Teacher Effectiveness
Prakash Dabhi	Workshop	Pri. B.I.Patel Human resource Development Center, CHARUSAT	02/07/2016 to 02/07/2016	Teacher Effectiveness

Department of Electrical Engineering				
Vineetha Ravindran, Jil Sutaria	STTP	BVM Engg. College, Vallabh Vidhyanagar, Gujarat, India	02/05/2016 to 07/05/2016	"Recent Advances in Condition Monitoring of Electrical Assets"
Dhaval Patel, Kamal Patel	STTP	NIT Hamirpur (HP)	23/05/2016 to 28/05/2016	Integrated Operation of Large Scale Modern Power System"
Mr. Jigar Sarda, Nilay A Patel	STTP	S.V.N.I.T, SURAT	06/06/2016 to 15/06/2016	"Hands on: Mathematical Modelling and Software Simulation for Power System Engineering"
Sajid M Patel, Saiyad Mahammadsoaib	STTP	Jamia Millia Islamia, New Delhi	29/05/2016 to 3/06/2016	Controls for Renewable Energy and Microgrids
Pankita A Mehta, Maulik J Shah	STTP	Charotar University of Science and Technology (CHARUSAT), Chang a	06/06/2016 to 11/06/2016	"IoT & Advances in Embedded System"
Ankur H Patel, Dharmesh Dabhi,	STTP	IIT Roorkee, Uttarakhand	27/06/2016 to 2/07/2016	"Protection and monitoring of power system network in Smart Grid/Microgrid environment"
Bhinalkumar Mehta, Mihir Bhatt	STTP	NIT Durgapur.	05/07/2016 to 09/07/2016	Emerging Trends and Challenges in Modern Power System ETCMPS 2016
Vibha Parmar, Pratik Panchal	STTP	Nirma University	20/06/2016 to 02/07/2016	"Challenges and innovative

				Solutions in Electrical Power Systems"
<b>Department of Computer Engineering</b>				
Ashwin Makwana	Workshop	HRDC CHARUSAT	22/06/2016 to 28/06/2016	Enhancing Life Skill
Ronakkumar N Patel	Workshop	Pri B I Patel Human Resource development center	14/06/2016 to 21/06/2016	Enhancing Life-Skill
Trusha R Patel	Workshop	HRDC, CHARUSAT	14/06/2016 to 21/06/2016	Enhancing Life-skill
Khushboo Kavar	Workshop	CHARUSAT	14/06/2016 to 21/06/2016	Enhancing life skill
Kruti Dhyani	Workshop	HRDC center, CHARUSAT	14/06/2016 to 21/06/2016	Enhancing Life Skill
Ashishkumar Chaturbhai Patel	Workshop	NIT GOA	16/05/2016 to 21/05/2016	First National Workshop on Security and Privacy: Theory and Practice (SAP:TAP 2016)
Hardik R. Mandora	Workshop	NIT GOA	16/05/2016 to 21/05/2016	First National Workshop on Security and Privacy: Theory and Practice (SAP:TAP 2016)
Ronakkumar N Patel	Workshop	Pri B I Patel Human Resource development center	07/05/2016 to 07/05/2016	Teacher Effectiveness
Trusha R Patel	Workshop	HRDC, CHARUSAT	07/05/2016 to 07/05/2016	Teacher Effectiveness
Khushboo Kavar	Workshop	Charusat	02/04/2016 to 02/04/2016	First Aid Workshop
Khushboo Kavar	Workshop	Charusat	30/03/2016 to 31/03/2016	Microsoft Assure Cloud Campus
Ritesh Patel	Workshop	Nirma University	08/04/2016 to 09/04/2016	Outcome Based Education
Chintan Bhatt	STTP	SVNIT	27/06/2016 to 01/07/2016	Big Data Analytics
Kruti Dhyani	STTP	SVNIT, Surat	27/06/2016 to 01/07/2016	BIG DATA ANALYTICS
Hareshkumar Mansukhbhai Rathod	STTP	HRDC Centre, UGC	20/06/2016 to 26/06/2016	Research Paper Writing
Mayuri Popat	STTP	SVNIT SURAT	23/05/2016 to 27/05/2016	Five Days STTP on Design and

				Analysis of Algorithms (DAA 2016)
Nilesh Kumar Dubey	STTP	SVNIT	16/05/2016 to 20/05/2016	WMC-2016
Ronakkumar N Patel	STTP	SVNIT, Surat	09/05/2016 to 13/05/2016	Software Requirement Specification
Ashwin Makwana	STTP	TEQIP-II, SVNIT, Surat	09/05/2016 to 13/05/2016	STTP on SRS-2016
Trusha R Patel	STTP	SVNIT, Surat	09/05/2016 to 13/05/2016	Software Requirements and Specifications
Dhaval Bhoi, Mayuri Popat	A GUJCOST sponsored National Level One Week Short Term Training Program	AES Institute of computer studies at Ahmedabad University, Ahmedabad	07/03/2016 to 12/03/2016	Statistical Analysis using R Programming
Arpita Shah, Ditixa Vyas, Jesal Desai	2016 IEEE CIS Winter School	DAIICT Gandhinagar	01/03/2016 to 05/03/2016	Research Trends in Computational Intelligence-Theory and Evaluation
Dr. Amit Ganatra	International conference on IT Convergence and Security	Doubletree, Kuala Lumpur, Malaysia (ICITCS2015)	24/08/2015 to 28/08/2015	Information Fusion (Ensemble System) in Data Warehousing Data Mining
<b>Department of Mechanical Engineering</b>				
Vijay Chaudhary	STTP	Malaviya National Institute of technology, Jaipur	27/10/2015 to 31/10/2015	Research Methodology
Kundan Patel	STTP	Malaviya National Institute of technology, Jaipur	27/10/2015 to 31/10/2015	Research Methodology
Bhavin Mehta	STTP	L.D.College of Engineering, Ahmedabad	06/06/2016 to 10/06/2016	Innovative product design
Hardik Patel	STTP	L.D.College of Engineering, Ahmedabad	06/06/2016 to 10/06/2016	Innovative product design
Gaurang Patel	STTP	SVNIT, Surat	06/06/2016 to 10/06/2016	Design of experiment for

				process optimization
Gajanan Patange	STTP	College of Engineering, Pune	13/06/2016 to 17/06/2016	World class manufacturing – A strategic perspective
Zankhan sonara	STTP	Indus University,Ahmedabad	27/06/2016 to 1/07/2016	Finite Element Method : Theory and Practice
Vishal Mehta	Workshop	Visvesvaraya National Institute of Technology, Nagpur	27/06/2016 to 1/07/2016	Manufacturing of advanced materials
<b>Department of Information Technology</b>				
Ravi Patel	STTP	BVM Engineering College,VV Nagar	04/01/2016 to 08/01/2016	Embedded Systems & Internet of Things
Hemant Yadav	STTP	BVM Engineering College,VV Nagar	04/01/2016 to 08/01/2016	Embedded Systems & Internet of Things
Amit Parmar	Workshop	Yogi Divine Society-Atmiya Vidya Dham,Vidhyanagar	06/03/2016	Human Values in Higher Education
Naresh Patel	Workshop	Yogi Divine Society-Atmiya Vidya Dham,Vidhyanagar	06/03/2016	Human Values in Higher Education
Harsh Patel	Workshop	Yogi Divine Society-Atmiya Vidya Dham,Vidhyanagar	06/03/2016	Human Values in Higher Education
Purvi Prajapati	STTP	SVNIT,Surat	23/05/2016 to 27/05/2016	Design and Analysis of Algorithms
Pritesh Prajapati	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Chandni Shah	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Vishwa Vala	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Nehal Patel	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Priyanka Patel	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Sandip Patel	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Purvi Prajapati	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Sonal Rami	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Ayesha Shaikh	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Chintan Gajjar	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Harsh Patel	Workshop	HRDC-CSPIT	02/04/2016	Teaching

				Effectiveness
Mrudang Pandya	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Kamlesh Makwana	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Naresh Patel	Workshop	HRDC-CSPIT	02/04/2016	Teaching Effectiveness
Sandip Patel	International Conference	ICBCE-2016, Los Angeles, USA	20/04/2016 to 22/04/2016	ICBCE-2016 2nd International Conference on Bioinformatics and Computer Engineering
Ayesha Shaikh	Workshop	Nirma University	08/04/2016 to 09/04/2016	Outcome Based Education
Amit R Thakkar	STTP	IIT-Bombay	24/08/2015 to 28/04/2015	One Week ISTE STTP on Technical communication
Parth Shah	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Amit Thakkar	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Chintan Gajjar	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Bimal Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Purvi Prajapati	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Amit Nayak	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Neha Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Nirav Bhatt	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Hemant Yadav	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Jaimin Chavda			02/01/2016	Workshop on A



	WorkShop	CHARUSAT		Road Map for CBCS @ CHARUSAT
Ayesha Shaikh	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Pinal Shah	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Hardik Jayswal	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Mrudang Pandya	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Ravi Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Priyanka Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Sanket Suthar	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Manan Shah	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Jalpesh Vasa	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Sonal Rami	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Pritesh Prajapati	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Nehal Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Kamlesh Makvana	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Chandni Shah				Workshop on A

	WorkShop	CHARUSAT	02/01/2016	Road Map for CBCS @ CHARUSAT
Henish Shah	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Sagar Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Naresh Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Amit Parmar	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Vishwa Vala	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Sandip Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Harsh Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Jay Patel	WorkShop	CHARUSAT	02/01/2016	Workshop on A Road Map for CBCS @ CHARUSAT
Amit R Thakkar	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Vishwa Vala	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Jalpesh Vasa	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Chandni Shah	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Bimal Patel	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers

Nirav Bhatt	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Mrudang Pandya	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Harsh Patel	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Nehal Patel	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Sandip Patel	STTP	CSPIT-Changa	30/11/2015 to 05/12/2015	Technical communication for Scientists and Engineers
Hemant Yadav	STTP	CHARUSAT -CSPIT, Changa Blended Mode	16/07/2015 to 30/07/2015	Two week ISTE STTP on "Computer Programming" (BMWCS101.1)
Shah Pinal	International Conference	Pacific University, Udaipur, Rajasthan	03/04/2016 to 03/05/2016	ICTCS-2016  Second International Conference on Information and Communication Technology for Competitive Strategies
Shah Parth	International Conference	Pacific University, Udaipur, Rajasthan	03/04/2016 to 03/05/2016	ICTCS-2016  Second International Conference on Information and Communication Technology for Competitive Strategies
Pandya Mrudang Daxeshkumar	International Conference	IIT Roorkee, Saharanpur	18/12/2015 to 20/12/2015	INTERNATIONAL CONFERENCE ON SOFT COMPUTING FOR PROBLEM SOLVING
Harsh Patel	HRDC	I2IM, CHARUSAT	24/11/2015 to	Art & Science of

	Training		01/12/2015	Counselling: Developing Behaviour change, Communication and Basic counselling skills
Pritesh Prajapati	HRDC Training	I2IM, CHARUSAT	08/10/2015 to 16/10/2015	Art & Science of Counselling: Developing Behaviour change, Communication and Basic counselling skills
Sandip Patel	HRDC Training	I2IM, CHARUSAT	08/10/2015 to 16/10/2015	Art & Science of Counselling: Developing Behaviour change, Communication and Basic counselling skills
Kamlesh Makwana	HRDC Training	I2IM, CHARUSAT	08/10/2015 to 16/10/2015	Art & Science of Counselling: Developing Behaviour change, Communication and Basic counselling skills
Naresh Patel	HRDC Training	I2IM, CHARUSAT	24/11/2015 to 01/12/2015	Art & Science of Counselling: Developing Behaviour change, Communication and Basic counselling skills

#### Events Organized by Institute:

#### Civil Engineering Department:

Sr. No .	Year	Name of Event	Date	Category	Sponsor/ Collaboration
1	2015	Two day workshop on “CAD Software Basics and Applications”	24/07/2015 to 25/07/2015	Workshop	Self Sustained
2	2015	One Day Workshop On Shake Table Experimental Studies On Building	14/09/2015	Workshop	Self Sustained

		Frames			
3	2015	Seminar on Nanotechnology for Construction	05/10/2015	Seminar	Rs. 6000 from CHARUSAT 2706 from SCE Registration fees - 5800
4	2015	Microsoft Word: Tools, Applications & Report Writing	12/10/2015	Workshop	Self Sustained, SCE
5	2016	QUIZSTRUC'16 - A state level Quiz Competetion	02/04/2016	Quiz Competiti on	Rs. 10000 from CHARUSAT Registration Fees - 7500

### **Mechanical Engineering department**

1	2016	Synthesis by sputtering	26/02/2016	Workshop	AICTE (RPS)
2	2016	Basics and Selection of Insulation	21/01/2016	Seminar	ISHRAE Student Chapter
3	2015	Fundamentals of Refrigeration & Air conditioning-Installation & maintenance	22/09/2015	Seminar	ISHRAE Student Chapter
4	2015	Plasma Process	14/09/2015 to 15/019/2015	Workshop	AICTE (RPS)
5	2015	Energy Conservation Awareness	30/07/2015	Workshop	GEDA

### **Electrical Engineering Department**

1	2015	1-Day Workshop on “Energy Conservation Awareness”	30/07/2015	Workshop	GEDA
2	2015	3-Days Workshop on “Power Systems Analysis, Design and Simulation”	24/09/2015 to 26/09/2015	Workshop	GUJCOST
3	2015	5-Days Workshop on “ARDUINO and Mobotics”	19/10/2015 to 24/10/2015	Workshop	GUJCOST

### **Electronics and Communication Engineering Department**

1	2015	workshop on " Advances in VLSI System Design & Technology"	18/9/15 to 19/9/15	Worksho p	GUJCOST
2	2015	Workshop on "Advances in Signal Processing & Communication	30/10/2015 to	Worksho p	GUJCOST

		Technology"	31/10/2015		
3	2015	STTP on Engineering Physics	08/12/2015 to 18/12/2015	STTP	MHRD
4	2016	CMOS Circuit Design using CAD Tools	21/03/2016 to 22/03/2016	Workshop	Self Sustained
5	2016	STTP on Advances in Embedded System & IoT	06/06/2016 to 11/06/2016	STTP	Self Sustained
<b>Department of Computer Engineering</b>					
1	2016	Big Data Essential and Hadoop Ecosystem	26/02/2016 to 27/02/2016	Workshop	GUJCOST
2	2015	Research Issues and Challenges in Next Generation Networks (NGN) with NetSim: Insights and Innovations	24/09/2015 to 26/09/2015	Workshop	GUJCOST
3	2015	Future Trends and Opportunities In Data Analytics, Business Intelligence & Big Data along with Research Methodology and Thesis Writing	30/08/2015 to 31/08/2015	Workshop	GUJCOST
4	2015	Microsoft Azure Digital India Hackathon	10/07/2015 to 11/07/2015	Workshop	Microsoft, India
5	2015	Microsoft Azure Camp	04/07/2015	Workshop	Microsoft, India
<b>Department of Information and Technology</b>					
1	2016	Technical and non technical Event During TECHFEST	18/03/2016	Event (Quiz, Presentation, Games etc.)	CHARUSAT
2	2016	Software Testing Tools With QA	25/3/2016 To 26/3/2016	Workshop	Gujcost
3	2015	Two-Week ISTE STTP on Technical Communication	30/11/2015  To 05/12/2015	STTP	MHRD-IIT Bombay
4	2015	Hacktrack –Ethical Hacking & Information Security Workshop	14/09/2015 To 15/09/2015	Workshop	CHARUSAT

5	2015	A Workshop on Android Application	14/09/2015 To 15/09/2015	Workshop	CHARUSAT
6	2015	Technical & non Technical Event	14/09/2015 To 15/09/2015	Event (Virtual market , Back to Carnival etc.)	CHARUSAT
7	2015	Two Day Workshop on “Security Issues in Internet of Things ”	30/07/2015 To 1/8/2015	Workshop	GUJCOST
8	2015	Red-HAT Certification Program’s importance in IT Market	17/7/2015	Seminar	-----

## Infrastructure and Learning Resources

### Infrastructure

Total building area of all departments is 27112.8sq. mt. The classrooms, laboratories, seminar & conference Halls, Workshop, Drawing Halls, Computer Centers and Central Library are above than Minimum requirement.

In order to cope with the global requirements the institute provides the latest facilities to the students such as MM Class Rooms (Higher Semester), Networking of Class Rooms with electronic database and MM Theaters for conferencing.. The buildings are well equipped laboratories to conduct experimental works. All the lecture halls are well ventilated and provided with latest teaching aids like multimedia-overhead projectors along with the black boards.

### Major Facilities

Major Facilities created by the institute to foster research are:

Electronics & Communication Engineering	CADENCE, High Frequency Structure Simulator CAD-FEKO Software (Research Version) for Electromagnetic Engineering, High Frequency Antenna Trainer and Network Analyzer
Computer Engineering / Information Technology	Next Generation Network (NGN) Lab, Cloud, Grid and Cluster Environment setup, Hardware Lab , Free Open Source Software Lab
Electrical Engineering	Software: MATLAB 7, PSCAD, Magnets, Mipower, PSIM, PSpice, SKM power tool, Power World, Power Systems Laboratory, High Voltage Engineering, Electrical machines laboratory, Power electronics laboratory, PLC laboratory, Measurement and Instrumentation Laboratory

Civil Engineering	Universal Testing Machine with capacity 600T, Fatigue Testing Machine, Torsion Testing Machine, U V Visible Spectro Photometer, Sonicator, Electronic Balance, B.O.D Incubator, C.O.D Reactor, Devels Attrition Testing Machine, Los Angeles Abrasion Testing Machine. Concrete Technology, Environmental Engineering, Earthquake Engineering labourites developed with latest equipment.
Mechanical Engineering	EDM, USM, CNC VMC, PICZA Make 3D Scanning Machine, Wind Tunnel, Nozzle Test Rig, Mini Boiler, cDAQ and cRIO, Hydraulic & Pneumatic Kits, Machine Vision System, Smart Camera, Pin-on-Disc Tribo Tester  Softwares: COMSOL Multi-Physics, Auto CAST, Lab VIEW, Autodesk Master Suit, PTC MNT University Plus “CREO 2.0” ANSYS Multi-Physics , Altair 250 HWU (Altair Hyper works software), Simulia Acaademic Abaqus Software, Master CAM CAMLAB ProfiCNC, Rapid Form, Minitab 16

### Knowledge Resource Centre

Moreover, the institute has developed an enriched **Knowledge Resource Centre**. The following table gives the details:

PRINT RESOURCES		
(i)	No. of Titles ( Books)	14575(Central Library)
(ii)	No. of Volumes ( Books)	28565(Central Library)
(iii)	No. of Journals/Magazine	113
(iv)	Total cost of technical books	Rs. 10551244/-
(v)	Number of titles of other books	110
(vi)	Number of books other than technical	98
ELECTRONIC ( DIGITAL) RESOURCES		
(i)	International e resources : IEL Growth Plan , Science Direct (ME),ACM Digital Library, ASCE, ELSEVIER(SD),ASTM.JGATE (JET)	
(ii)	<b>E resources at INTRANET Level</b> : University Question papers, CD ROM, Project Reports, NPTEL web courses, IIT course materials, e books	
(iii)	<b>No. of e books</b> : About 1000	
INSTITUTIONAL MEMBERSHIP		



DELNET Membership, British Library Membership, Associate Membership of INFLIBNET, Computer Society of India.

## Faculty Achievement

### Computer Engineering Department

- Dr. Amit Ganatra has presented a research paper titled " Information Fusion (Ensemble System) In Data Warehousing & Data Mining" in (IT Convergence and Security (ICITCS), 2015 5th International Conference on) ICITCS 2015, **Malaysia** during 25 - 27 August 2015.

No.	Faculty Name	Award Name	Event	Year
1	Chintan Bhatt	Paper Presenter Award at International Conference	CSI Annual Convention 2015, New Delhi	2015
2	Chintan Bhatt	Faculty with Maximum Publishing in CSIC	CSI Annual Convention 2015, New Delhi	2015

## Students' Support and Progression

### Students' Achievements

#### Department of Information Technology

Sr no.	Student ID	Name of the student	Name of the event	organizing Institute	Secure Position	Level
1	11IT060	Ravi Pandhi	GUJCOST Project-Book Location Grabber using RFID	CSPIT,CHARUSAT	Prize Rs. 15900	National
2	11IT109	Parth Shah	GUJCOST Project-Book Location Grabber using RFID	CSPIT,CHARUSAT		National
3	13IT116	Neti Sheth	GUJCOST Project-Automatic Invoice Generator Trolley	CSPIT,CHARUSAT	Prize Rs. 17700	National
4	13IT115	Dhruvesh Sheladiya	GUJCOST Project-Automatic Invoice Generator	CSPIT,CHARUSAT		National

			Trolley			
5	13IT093	Vivek Pujara	GUJCOST Project-Automatic Invoice Generator Trolley	CSPIT,CHARUSAT		National
6	13IT109	Parthav Shah	GUJCOST Project-Automatic Invoice Generator Trolley	CSPIT,CHARUSAT		National
7	14IT013	Jinal Butani	GUJCOST Project-Automatic Invoice Generator Trolley	CSPIT,CHARUSAT		National
8	14IT136	Mit Thakkar	GUJCOST Project-Automatic Invoice Generator Trolley	CSPIT,CHARUSAT		National
9	12IT117	Anurag Patel	GUJCOST Project-Home Automation using Raspberry pi	CSPIT,CHARUSAT	Prize Rs. 23400	National
10	12IT119	Deep Patel	GUJCOST Project-Home Automation using Raspberry pi	CSPIT,CHARUSAT		National
11	13IT076	Romil Patel	GUJCOST Project-Intranet Based EBook Search Engine	CSPIT,CHARUSAT	Prize Rs. 10500	National
12	13IT077	Sarjan Patel	GUJCOST Project-Intranet Based EBook Search Engine	CSPIT,CHARUSAT		National

13	12IT117	Shubhank Shelke	National Level technical Project Competition & exhibition	SAINTGITS College of engineering,Kottayam,Kerala	Runners Up	National
14	12IT119	Deep Patel	National Level technical Project Competition & exhibition	SAINTGITS College of engineering,Kottayam,Kerala	Runners Up	National
15	D14IT144	Jeenal Bhatt	Synaps'2016	DAIICT,Gandhinagar	Rapping Judge	National Level
16	D13IT132	Abhishek Deshpande	Maze Runner-TechnoVoltz	IIT Bomaby, Mumbai	2nd Position	National Level
17	D13IT132	Abhishek Deshpande	Path Minion-Cognizance 2015	CSPIT	2nd Position	National Level
18	13IT077	Sarjan Patel	Brain & Brawn, Cognizance 2015	CSPIT	1st Position	National Level
19	13IT077	Sarjan Patel	Logo Quiz, Cognizance 2015	CSPIT	1st Position	National Level
20	12IT117	Anurag Patel	Team Helix-inCTF 2015	Amrita University, Kerala	5th Rank All over India	National Level
21	12IT112	Chinmay Joshi	Team Helix-inCTF 2015	Amrita University, Kerala	5th Rank All over India	National Level
22	12IT082	Pruthvish Pipaliya	Team Helix-inCTF 2015	Amrita University, Kerala	5th Rank All over India	National Level
23	12IT107	Chirag Agrawal	Team Helix-inCTF 2015	Amrita University, Kerala	5th Rank All over India	National Level
24	12IT115	Chirag Moradia	Team Helix-inCTF 2015	Amrita University, Kerala	5th Rank All over India	National Level

**Department of Computer Engineering**

<b>Sr. NO.</b>	<b>Name</b>	<b>Event Name</b>	<b>Rank</b>
1	Vishesh G. Sanghvi	TechnoVoltz	1st
2	Bhavik Dhandhalya	Clash Of Coders 4.0	6th
3	Rishabh Jitani	Clash Of Coders 4.0	18th
4	Hardik Patel	Clash Of Coders 4.0	39th
5	Ritu Sonani	Code Migrator	2nd
6	Monil Dhaduk	Game Of Codes	1st

<b>Sr. No.</b>	<b>Name</b>	<b>Title of Paper</b>	<b>Conference/Journal</b>	<b>Conference / Journal Name</b>
1	kush shah	Implementation & integration of cellular/gps based vehicle tracking system with google maps using a web portal	Conference (october)	International congress on information and communication technology
2	mehul patel malay bhaynani	Internet of things (iot): in a way of smart world	Conference (october)	International congress on information and communication technology

**Department of Electrical Engineering**

<b>Sr. No</b>	<b>Student Name</b>	<b>Event Name</b>	<b>Sub Event/Award Name</b>	<b>Institute</b>	<b>Rank</b>	<b>Year</b>
1	Ashutosh Chaturvedi	Cognizance'15	Roborace	CSPIT	1	2015
2	Ashutosh Chaturvedi	Cognizance'15	Armageddon	CSPIT	1	2015
3	Anup Patel	Creto-2015	Creto 2015 – A National level project competition	B&B institute of technology	1	2015

## Department of Mechanical Engineering:

Sr. No.	Name	Event	Date	Venue	Remarks
1.	Dhruvik Suthar Harsh Dave Parth Patel	Installation, (Fine Art) West Zone Inter University Youth Festival	9/01/2016 to 12/01/2016	S. P. University V V Nagar	2nd runner-up
2.	Darshan Pandya Surdeep Chotaliya Pushpraj Mahida Vaibhav Patel Nisarg Pandya	Music, West Zone Inter University Youth Festival	9/01/2016 to 12/01/2016	S. P. University V V Nagar	Participant
3.	Anuj Nair	Mr. CHARUSAT SPOURAL 2016	9/01/2016 to 11/01/2016	CHARUSA T CHANGA	Winner
4.	Darshan Pandya Surdeep Chotaliya Ankush Pandey Karunya Pramanik Shivam Patel Ashish Trivedi	GROUP SINGING SPOURAL 2016	9/01/2016 to 11/01/2016	CHARUSA T CHANGA	Winner
5.	Ashish Trivedi	SOLO SINGING SPOURAL 2016	9/01/2016 to 11/01/2016	CHARUSA T CHANGA	Runner up
6.	Parmar Abhishek Killol Govani	QUIZ SPOURAL 2016	9/01/2016 to 11/01/2016	CHARUSA T CHANGA	Winner
7.	Prince Patel	Reverse Engineering, Udaan '16	31/03/2016 to 2/04/2016	BVM, V.V.NAGA R	Participant
8.	Harshil Patel	Reverse Engineering, Udaan '16	31/03/2016 to 2/04/2016	BVM, V.V.NAGA R	Participant
9.	Rutul Dholakiya Tarun Agarwal Arshdeep Singh	A National Level Poster Presentation "Go Green Technology On Automotive"	02/02/2016	PARUL UNIVERSI TY, BARODA	1 <sup>st</sup> Rank
10.	Ankush Pandey	A National Level Technical Symposium "Prakarsh"	17/02/2016 to 08/02/2016	SVIT, VASAD	Participant
11.	Rutul Dholakiya Tarun Agarwal Arshdeep Singh	Project Presentation On "Impact Attenuator", Anveshan-2016	12/01/2016 to 13/01/2016	MGSU, BIKANER, RAJASTHA N	Participant
12.	Nilay Shah	Automobiie And Mechanics, Techfest	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant

13.	Vipul Chudasma	Automobiie And Mechanics, Techfest	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant
14.	Chitrang Kalolia	Automobiie And Mechanics, Techfest	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant
15.	Rajkumar Chauhan	Automobiie And Mechanics, Techfest	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant
16.	Jadeja Mehulsinh	Automobiie And Mechanics, Techfest 2015	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant
17.	Jadeja Mehulsinh	Swarm Robotics, Techfest 2015	26/12/2015 to 28/12/2016	IIT BOMBAY	Participant
18.	Chitrang Kaloliya	Workshop By Robo Tech Labs Pvt. Ltd	15/12/2015 to 16/12/2015	IIT BOMBAY	Participant
19.	Rutvik Lathiya	Workshop On Synthesis By Sputtering	26/02/2016	CSPIT CHARUSAT	Participant
20.	Kevin Dobariya	Workshop On Synthesis By Sputtering	26/02/2016	CSPIT CHARUSAT	Participant
21.	Takshil Mehta	Bottle Rocketry, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	1st Position
22.	Anuj Nair	Bottle Rocketry, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
23.	Vishal Parmar	Robomines, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
24.	Tarun Agarwal	Thunderbolt, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
25.	Tarun Agarwal	Robomines, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
26.	Rutvik Lathiya	Robomines, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
27.	Rutvik Lathiya	Thunderbolt, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
28.	Vishal Parmar	Thunderbolt, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
29.	Vipul Chudasama	Plasma Processes Workshop, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant

30.	Mehulsinh Jadeja	Bottle Rocketry, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
31.	Ankush Pandey	Bottle Rocketry, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
32.	Nilay Shah	Bottle Rocketry, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant
33.	Kunal Patil	Material Processing, Cognizance 2015	14/09/2015 to 15/09/2015	CSPIT CHARUSAT	Participant

**Student performance in sport activities is as follows:**

**Department of Information Technology:**

Sr. No.	Name of the Student	Year	Event	Award
1	Shah Hemin Hiteshbhai	2015-16	West Zone Inter University Kabaddi Tournament Held At S.R.T.M UNIVERSITY, NANDED, (MAHARASTRA) .During The 15th – 18th October, 2015.	-
2	Patel Vraj Bhavinbhai	2015-16	West Zone Inter University Table Tennis (Boys) Tournament Held at T.I.T. Group of Institute, BHOPAL, (M.P) .During the 23rd – 26th February, 2016.	-
3	Sheth Yash Ajaybhai	2015-16	West Zone Inter University Table Tennis (Boys) Tournament Held at T.I.T. Group of Institute, BHOPAL, (M.P) .During the 23rd – 26th February, 2016.	
4	Tripathi Shreya Neeraj	2015-16	West Zone Inter University Table Tennis (Girls) Tournament Held at T.I.T. Group of Institute, BHOPAL, (M.P) .During the 29th Feb – 3rd March, 2016.	
5	Modi Harshil Pradipbhai	2015-16	West Zone Inter University BASKETBALL (Boys) Tournament Held At R.T.M.UNIVERSITY OF NAGPUR (M.H) on 10 <sup>th</sup> – 14 <sup>th</sup> January, 2016	
6	Shah Harsh Mukeshbhai	2015-16	West Zone Inter University BASKETBALL (Boys) Tournament Held At R.T.M.UNIVERSITY OF NAGPUR (M.H) on 10 <sup>th</sup> – 14 <sup>th</sup> January, 2016	

7	Patel Monika Saileshkumar	2015-16	West Zone Inter University BASKETBALL (Girls) Tournament Held at RAJASTHAN UNIVERSITY, JAIPUR, (RAJASTHAN). During the 16th – 20th October 2015.	
8	Talashi Susheel Ratanlal	2015-16	West Zone Inter University Cricket (Boys) Tournament Held At Dr. Harisingh Gour University, Sagar (MP) On 5th – 17th January 2016.	
9	Patel Bhunesh Prakash Bhai	2015-16	West Zone Inter University Cricket (Boys) Tournament Held At Dr. Harisingh Gour University, Sagar (MP) On 5th – 17th January 2016.	
10	Patel Manav Anitbhai	2015-16	West Zone Inter University Cricket (Boys) Tournament Held At Dr. Harisingh Gour University, Sagar (MP) On 5th – 17th January 2016.	
11	Prajapati Nimanshu Vijaykumar	2015-16	West Zone Inter University Volleyball Tournament Held At T.I.T. Group Of Institute, Bhopal (M.P) On 17th – 21st October 2015	
12	Goraniyajaydeep Parbatbhai	2015-16	Petro Cup – 16 Football Tournament	Lost in semi-final
13	Patel Vraj Bhavinbhai	2015-16	Petro Cup – 16 Football Tournament	Lost in semi-final
14	Sheth Yash Ajaybhai	2015-16	Petro Cup – 16 Football Tournament	Lost in semi-final
15	Prajapati Nimanshu Vijaykumar	2015-16	Petro Cup – 16 Football Tournament	

#### Department of Electrical Engineering:

Sr. No.	Name of the Student	Year	Event	Level
1	Prajapati Karan Dineshkumar	2015-16	West Zone Inter University Badminton (Boys) Tournament	Laxmibai National University of Physical Education, Gwalior (M.P.)
2	Patel Krima Milankumar	2015-16	West Zone Inter University Badminton (Girls) Tournament	At Laxmibai National University of Physical Education, Gwalior (M.P.)
3	Prajapati Karan Dineshkumar	2015-16	West Zone Inter University Table Tennis (Boys) Tournament	T.I.T. Group of Institute, BHOPAL, (M.P)
4	Goraniyajaydeep	2015-16	West Zone Inter University	RAJASTHAN



	Parbatbhai		Football Tournament	UNIVERSITY, JAIPUR, (RAJASTHAN)
5	Dabhi Meet Tarunbhai	2015-16	West Zone Inter University BASKETBALL (Boys) Tournament	R.T.M.UNIVERSITY OF NAGPUR (M.H)
6	Mahavar Himanshu Ramnarayan	2015-16	West Zone Inter University BASKETBALL (Boys) Tournament	R.T.M.UNIVERSITY OF NAGPUR (M.H)
7	Patel Krima Milankumar	2015-16	West Zone Inter University BASKETBALL (Girls) Tournament	RAJASTHAN UNIVERSITY, JAIPUR, (RAJASTHAN)
8	Shah Vidhi Miteshbhai	2015-16	West Zone Inter University BASKETBALL (Girls) Tournament	RAJASTHAN UNIVERSITY, JAIPUR, (RAJASTHAN)
9	Thakkar Gagan Kamlesh	2015-16	West Zone Inter University Cricket (Boys) Tournament	Dr. Harisingh Gour University, Sagar (MP)
10	Patel Harsh Dinesh Bhai	2015-16	West Zone Inter University Cricket (Boys) Tournament	Dr. Harisingh Gour University, Sagar (MP)
11	Kassamkuthiyal Rahul George	2015-16	West Zone Inter University Volleyball Tournament	T.I.T. Group Of Institute, Bhopal (M.P)
12	Patel Riken Rajeshbhai	2015-16	West Zone Inter University Volleyball Tournament	T.I.T. Group Of Institute, Bhopal (M.P)
13	Padsumbiya Parthkumar Jayntibhai	2015-16	West Zone Inter University Volleyball Tournament	T.I.T. Group Of Institute, Bhopal (M.P)
14	Goraniyajaydeep Parbatbhai	2015-16	Participated In Petro Cup – 16 Football Tournament	Pandit Dindalyal Petroleum University, Gandhinagar
15	Patel Jay	2015-16	West Zone Inter University YOUTH FESTIVAL -2016	SARDAR PATEL UNIVERSITY, V.V.NAGAR
16	Rahul George	2015-16	West Zone Inter University YOUTH FESTIVAL -2016	SARDAR PATEL UNIVERSITY, V.V.NAGAR

### Department of Civil Engineering

Name	Event Name	Place	Award
Purvit Soni Shah Vishal	Chess	Dr. Babasahib Ambedkar Marthawada University, Aurangabad	Team secured the 32 <sup>nd</sup> Rank out of 44 universities.
Rajiv Dave	Badminton	Laxmibai National Institute Of Physical Education	Participation

		Gwalior, (M.P)	
Kartik Valand Kadava Dodiya Rushit Vekariya Sameer Kuvadia Himanshu Bhati	Kabaddi	Swami Ramanand Teerth Marathawada University, Nanded (M.H.)	One match won by 24 points Against S. K. R. Agriculture University, Bikaner (RJ).
Joshi Rajan	Volleyball	T.I.T. GROUP OF INSTITUTE, BHOPAL	Participation
Twara Patel Varsha Khatri Hinal Modi	Basketball	UNIVERSITY OF RAJSTHAN, JAIPUR	Participation
Shah Vishal	Chess	West Zone Inter University Chess Tournament Held At Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.H.) During 1st to 4th October, 2015	Team secured 32nd Rank out of 44 universities.
Rajiv Dave Vatsal Talati	Badminton	West Zone Inter University Badminton (Boys) Tournament Held At Laxmibai National University of Physical Education, Gwalior (M.P.) During 2th –15th October 2015.	Participation
Kartik Valand Kadava Dodiya Rushit Vekariya Sameer Kuvadia Himanshu Bhati	Kabaddi	West Zone Inter University Kabaddi Tournament Held At S.R.T.M UNIVERSITY, NANDED, (MAHARASTRA) .During The15th – 18th October, 2015.	Participation
Neel Patel Shivam Rai Anirudra Bhattacharjee Kishan Patel Jay Patel	Football	West Zone Inter University Football Tournament Held at RAJASTHAN UNIVERSITY, JAIPUR, (RAJASTHAN) .During the25nd – 29th December 2015.	Participation
Twara Patel Varsha Khatri Hinal Modi	Basketball	West Zone Inter university BASKETBALL (Girls) Tournament Held at RAJASTHAN UNIVERSITY, JAIPUR, (RAJASTHAN).During the16 <sup>th</sup> – 20 <sup>th</sup> October 2015	Participation
Vivek Vaghela	Cricket	West Zone Inter University Cricket (Boys) Tournament	Participation

		Held At Dr. Harisingh Gour University, Sagar (MP) On 5 <sup>th</sup> – 17 <sup>th</sup> January 2016.	
Rajan Joshi	Volleyball	West Zone Inter University Volleyball Tournament Held At T.I.T. Group Of Institute, Bhopal (M.P) On 17 <sup>th</sup> – 21 <sup>st</sup> October 2015	First match won against IITE Gandhinagar Gujarat
Neel Patel Shivam Rai Anirudra Bhattacharjee Kishan Patel Jay Patel	Football	Participated In Petro Cup – 16 Football Tournament	Match lost in Semifinal against Bhilwara (Rj) Engineering College

### Department of Computer Engineering

Sr. No.	Name of the Student	Level	Year	Event	Award
1	Sweta Samaddar	CSPIT, CHARUSAT	2016	CoDigest	Winner
2	Vishesh Sanghvi	NIRMA University	2015	Koshish	Winner
3	Manaswi Patel	NIRMA University	2015	Koshish	Winner
4	Arwa Vohra	NIRMA University	2015	Koshish	Winner
5	Ronak Somaiya	NIRMA University	2015	Koshish	Winner

### Department of Electronics and Communication Engineering

Sr. No.	Name of Players	I.D.No.	Events	Venue & Date
1	Patel Chirag Kantibhai	13EC054	Volleyball	17 <sup>th</sup> to 21 <sup>st</sup> October, 2015 T.I.T GROUP OF INSTITUTE BHOPAL)
2	Patel Jaydeep Jitendrakumar	13EC058	Volleyball	17 <sup>th</sup> to 21 <sup>st</sup> October, 2015 T.I.T GROUP OF INSTITUTE BHOPAL)
3	Katkar Hemant Sanjaybhai	12EC042	Volleyball	17 <sup>th</sup> to 21 <sup>st</sup> October, 2015 T.I.T GROUP OF INSTITUTE BHOPAL)
4	Shah Rahul Paragkumar	13/EC/088	Chess	1 <sup>st</sup> to 4 <sup>th</sup> October, 2015 Marathwada University, Aurangabad
5	Thakkar Hitarth Ashishkumar	15EC111	Kabaddi	13 <sup>th</sup> to 18 <sup>th</sup> October, 2015 S.R.T.M. UNI NANDED (M.H.)
6	Patel Parth Kaushikbhai	13EC071	Football	25 <sup>th</sup> to 29 <sup>th</sup> December, 2015 University of Rajasthan (R.J)
7	Agnihotri Yashas Rajesh	13EC003	Basketball	10 <sup>th</sup> to 14 <sup>th</sup> January, 2016 R.T.M, Nagpur university Nagpur (M.H)

8	Patel ChiragKantiBhai	13EC054	Cricket	5th to 22nd January, 2016 Dr .HarisinghGour university , Sagar (M.P)
9	JunejaDhwanitArun Kumar	14EC022	Cricket	5th to 22nd January, 2016 Dr .HarisinghGour university , Sagar (M.P)
10	Patel ShounakGirishBhai	15EC068	Cricket	5th to 22nd January, 2016 Dr .HarisinghGour university , Sagar (M.P)
11	Patel MitenSunilkuamar	12EC118	Cricket	5th to 22nd January, 2016 Dr .HarisinghGour university , Sagar (M.P)
12	GonsalvesVarun Joseph	13EC027	Basketball	5th to 22nd January, 2016 Dr .HarisinghGour university , Sagar (M.P)

### Youth welfare and culture activities

CHARUSAT celebrated its annual Cultural Festival - Spoural 2016 during 09 - 11 February, 2016. Various on-stage and off-stage events were organized. More than 1500 students participated in them. Special performances by Faculty / Staff Members were also organized. Students from all the branches of CSPIT actively participated in the cultural activities. Following are the event list of Spoural 2016 with Winners and Runner Up.

Sr.No	Event	Winners	Runner Up
1	Instrument Playing	CL	MTIN
2	Rangoli	EE	EE
3	Poetry Writing	ARIP	EC
4	Debate	EC	CE
5	Dumb Charade	RPCP	PDPIAS
6	Antakshari	CMPICA	I2IM
7	Mimicry	EE	EC
8	Treasure Hunt	RPCP	PDPIAS
9	Ad-Mad Show	I2IM	CL
10	Creative Painting	ARIP	ARIP
11	Documentary Movie Making	EE	CL
12	Photography	CL	EE
13	Quiz	ME	EE
14	Installation	EE/ARIP	EC
15	One Minute Game	EE	ARIP
16	Mehndi	ARIP	I2IM
17	Collage	ARIP	MTIN

### Alumni Association

CSPIT Alumni Association Charusat – Changa arranged alumni meet on 18<sup>th</sup> December 2015, 5:00 PM onwards at Seminar Hall, AMA, Ahmedabad Total 170 Alumnus and 20 faculty members

participated. This event was coordinated by Dr. S.K. Hadia, Coordinator of CAA and Chaired by Dr. A D Patel, Principal of CSPIT.

### Financial aid to students

During last year scholarship of **Rs12425400/-** are given to students of different departments of CSPIT.

### Placement

A high quality education furnished with latest technologies has grabbed the attention of many companies. The following tables show the number of companies visiting the campus and recruiting the students of various branches.

The List of Companies visited for Placement		
TCS	E-Infochips	eiTRA
Infibeam	iGATE	INDUSA
Synoverge	TATVASOFT	Infostrech
GSFC Ltd	Zensar Technologies	Thomson Reuters
Weblines India	BITSCAPE	BlowHorn (T+P)
Credence (T+P)	Supplenta Informatics (T+P)	ProT Systems
TinyERP	Cygnat Infotech	Sarjen Systems Pvt
eSparkbiz	Teq Diligent	Yudiz Solutions
Milestore (T+P)	logiciel Solution (T+P)	Shreeji Infosoft (T+P)
iTaxSmart (T+P)	Webmyne (T+P)	PMC Retail
iFOUR	Automated Trading Softech	

CSPIT							
Batch 2011-2015	EC	CE	IT	EE	ME	CL	Total
No. of Interested & Eligible students	83	78	80	82	114	26	463
No. of Students Placed	63	67	64	30	17	01	242

% of Placements	52
No. of Companies Visited	119
Highest Package	4 .5L P A
Average Package	1 L P A

### Academic compliment activities:

CSPIT curriculum caters to the academic needs of the students. However, various academics are established in various departments to train the student for global competition. Following are the details of the students trained in those academies by certified mentors.

Sr. No.	Name of the Academy	Module	Number of Students
1	Oracle	OCP/JP(JAVA)	01
2	CCNA	Network Fundamentals Routing Protocols & Concepts LAN Switching and Wireless Advanced WAN	22
3	Microsoft	Fundamental and advanced Microsoft technology based certification courses	16
4	Other (Online course, python, Latex, etc.)	Basics of various tools and technologies	13

### Institute having following distinct practices

- Feedback from stakeholders
- Development programmes for non teaching staff
- E-governance (computerization of administration and the process of admission and exam result, issues of certificates)
- Computer and internet access and training to teachers, non teaching staff and students
- Activities of guidance and counseling unites
- Activities of support from the alumni association
- Activities of support from the parent-teacher association
- Health services



# **FACULTY OF PHARMACY**

## ***Annual Report***



**Year: 2015-16**



## **1. INTRODUCTION**

Ramanbhai Patel College of Pharmacy (RPCP) was established in the year 2004 with a view to promote excellence in pharmacy education and to prepare young talent to meet the challenges of Industrial Pharmacy and Pharmacy Practice. The institute has the patronage of Pharma Giant-Zydus Cadila Health Care Ltd; patronized by Shri Pankaj Patel, Chairman and MD, Zydus Cadila Healthcare Ltd to commemorate his father, Late Shri Ramanbhai Patel - A Visionary Entrepreneur and a Philanthropist. M.Pharm programs at RPCP are executed under the auspices of T. P. Patel Centre for PG studies in Pharmacy. The centre is patronized by Shri Jagdishbhai Patel, Principal Manager, KBR, USA and Shri H. T. Patel, Former President – API Business at Cadila Healthcare Ltd and their families to monumentalize their father, Late Shri T. P. Patel.

### **Vision**

To become a premier Pharma Institute by creating world class researchers and pharmacists for dissemination and creation of knowledge.

### **Mission**

To develop entrepreneurial pharmacists with a penchant for research and development.

## **2. CURRICULAR ASPECTS**

### **2.1 PROGRAMS/COURSES AND INTAKE**

RPCP offers 1 UG (B.Pharm.) and 5 PG (M.Pharm.) programmes. It also offers Ph.D. Programme in allied areas of pharmacy in Full time as well as part time mode.

- **Under graduate Program**

- B. Pharm (Approved by AICTE, PCI)

- **Post graduate Programs** (Approved by AICTE)

- M. Pharm (Pharmaceutical Technology, P.T.)

- M. Pharm (Quality Assurance, Q. A.)

- M Pharm (Clinical Pharmacy, C. P.)

- M. Pharm (Pharmacology & Toxicology, C. T.)

- M. Pharm (Pharmaceutics - Drug Regulatory Affairs, DRA)



- **Post graduate Diploma Programs**

PGDCT – Post Graduate Diploma In Cosmetic Technology

PGDPT – Post Graduate Diploma In Packaging Technology

- **Doctorate Programmes**

Ph. D (Pharmaceutics, Pharmaceutical Analysis, Pharmacognosy, Pharmacology and Pharmaceutical Chemistry). The Doctorate program is offered in full time as well as part time mode.

- **Certificate Programmes**

CPPT (Certificate Programme in Packaging Technology)

CPCT (Certificate Programme in Cosmetic Technology)

## **2.2. NEW PROGRAMMES INITIATED FROM THE YEAR**

Not any.

## **2.3. INNOVATIONS IN CURRICULAR DESIGN AND TRANSACTION**

Not any

## **3. TEACHING, LEARNING AND EVALUATION**

### **3.1 NUMBER OF ACADEMIC DAYS IN THE YEAR**

Academics are taken seriously by one and all, which has resulted in a good number of working days during the last academic year. This is in spite of the fact that first and third Saturdays of every month are declared holidays for the students. There were in all 207 working days of which 101 working days were in the odd semester and 106 working days in the even semester.

### **3.2 ADMISSION/ENROLLMENT**

Pharmacy was a less preferred choice among the XII standard pass out students, which was reflected as 107 admissions to First Year B. Pharm. Among the B. Pharm graduating students, continuing with Masters' program was less preferred and nine students were enrolled in Pharmaceutics DRA branch and three and three students respectively in Pharmaceutics and Quality Assurance. Among the students of B. Pharm, at RPCP, five (05) and twenty nine (29) students respectively have enrolled for the add-on

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programs of Certificate Program in Cosmetic Technology and Certificate Program in Packaging Technology. One research scholar joined the Doctoral program under faculty of Pharmacy.

- Students' Enrolment Details for A.Y.2015-16 is as follows.

<b>Academic Year 2015 - 2016</b>	<b>Total</b>
1 <sup>st</sup> Year B. PHARM	107
First YEAR M.PHARM (P.T.)	03
First YEAR M.PHARM (Q.A.)	11
First YEAR M.PHARM (C.P.)	05
First YEAR M.PHARM (Pharmaceutics - DRA)	11
First YEAR M.PHARM (C.T.)	00
PGDCT	00
PGDPT	00
CPCT	05
CPPT	29
Ph. D	01

### 3.3 FACULTY/STAFF INFORMATION

In RPCP, total staff members are 36 including teaching and non teaching staff as mentioned as below. It is led by Dr. R. H. Parikh as the Principal of RPCP and the Dean of Faculty of Pharmacy.

<b>Faculty Members</b>		<b>Supporting Technical Staff</b>		<b>Administrative Staff</b>	
<b>Designation</b>	<b>Number</b>	<b>Designation</b>	<b>Number</b>	<b>Designation</b>	<b>Number</b>
Professor & Principal	01	Laboratory Technicians	07	Library	01
Professor	01	Laboratory Attendants	04	Office Executive	00
Associate Professor	04			Personal Assistant	01

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Assistant Professor	15			Peons	02
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### 3.4 TEACHING LEARNING AVENUES

#### 3.4.1 Expert lectures

Guest Lecture Series has been initiated at RPCP with the objective of providing a platform for discussion and deliberations to students with renowned researchers and academicians and learn from their experiences. It is expected that such interaction would light the spark in the minds of the students and persuade them to innovate and research. Guests are invited to visit RPCP, CHARUSAT and deliver lectures/ presentations every alternate Saturday. In all, 10 expert lectures were organized by experts from Industry and Academia from India as well as abroad. The following table provides the details of the expert lectures organized by RPCP for UG, PG and Ph.D. programmes.

Sr. No.	Name and Affiliation of invited guest	Title of Talk	Date DD/MM/YYYY
1	Mr. Imroz Dilshad Kajani Registered Pharmacist, Canada.	Role of Community Pharmacist and Patient Counseling	08/07/2015
2	Dr. Ujjval Trivedi Associate Professor Dept. of Bioscience, SP University, VV Nagar, Gujarat.	Enzymes and Enzymes immobilization techniques	22/08/2015
3	Dr. Aliasgar Shahiwala Associate professor, Dubai College of Pharmacy, Dubai.	Expectations from the Pharmacist	24/08/2015
4	Dr. Samir Mitragotri Professor, Chemical Engineering Dept. University of California	Innovative methods of drug delivery: Translating basic research into clinical products	15/09/2015

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	Santa Barbara, USA		
5	Dr. Jayesh Bellare Professor, Chemical Engineering, Indian Institute of Technology, Bombay	Amazing Nanotechnology and its applications in health care and more.	15/09/201 5
6	Dr. Sanjeebkumar Sahoo Scientist D , Laboratory for Nanomedicine, Institute of Life Sciences Nalco Square, Bhubaneswar, 751023, Orissa, India.	Application of nanomedicine: As an emerging platform for cancer therapy and diagnosis	15/09/201 5
7	Dr. Rajkumar Halder Scientist E, NCR biotech science cluster, Faridabad.	Development of Novel Antibody- Drug Conjugate through expanding genetic code for the treatment of Her2+ breast Cancer	15/09/201 5
8	Dr. C.T. Rao Senior Vice President, R&D at Sun Pharmaceutical Industries Ltd., Baroda	Innovation in pharma research- what , why & how	15/09/201 5
9	Mr. Vinay Pandya Former Professor, BNB polytechnic, VV Nagar, Pr. association with Brahmakumaris, VV Nagar, Gujarat	Exploring the Real Self	24/09/201 5
10	Ms.Kanchan Karunakar Director, Persona Consultancy, Vadodara	Presentation skills	28/10/201 5

### 3.4.2 Training

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Training is an integral part of any curriculum and an important learning tool. The students of RPCP went sent for industrial training as part of their curriculum; while the teachers were imparted Domain Training in the form of two Faculty Development Programs spanning a total of 6 days.

### Outcome of the FDP

Sr. No	Name of Faculty Members	Research Paper Details			
		Title	Journal	Date of Submission	Outcome
1	Mehul Patel	Design, Synthesis and Screening of Some New Quinolone Derivatives as Antimicrobial Agents	Medicinal Chemistry Research	July 4 2015	Revision Submitted
2	Vijay Parmar	Validated High-Performance Thin-Layer Chromatographic Method for Quantitation of Protodioscin in Trigonella foenum-graecum and its Herbal Formulations	Journal of Planar Chromatography	20 June 2015	Published. Publication date: Journal of Planar Chromatography 28 (2015) 6, 458-465
3	Ravish J. Patel	Formulation & Characterization of Microemulsions for	International Journal of Pharmaceutics	20 June 2015	Rejected from International Journal of

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		Nasal Delivery of Drugs for the Treatment of CNS Disorders			Pharmaceutics then submitted to Current drug delivery & accepted
4	Dr. Gayatri C. Patel	Rheological characterization of Modified methylcellulose thermoresponsive hydrogel as a carrier for drug delivery	Carbohydrate Polymers	19 June 2015	Rejected then submitted to current drug delivery, Response awaited
5	Dr. Samir Patel	Simultaneous determination of bimatoprost and timolol maleate by chemometric assisted UV-Visible Spectrophotometric method in its pure and combined dosage form..	International Journal of Spectroscopy	17 <sup>th</sup> June 2015	Rejected
6	Manan Raval	1. Ph.D Phytochemical and Pharmacological Studies on Some Vajikaran Drugs of	1. Journal of Ethnopharmacology 2. IJPS 3. Indian Drugs	--	---

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		<p>Ayurveda</p> <p>2. Ph.D Phytochemical and Pharmacological studies on some vajikaran formulatins of Ayurveda</p> <p>3. M.Pharm Quantitative Chemical Analysis of Bioactive Steroidal Moiety Ioslated fromIndigenous Medicanl Plant</p>			
7	Jalpa Suthar	Study and evaluation of medication errors in multi specialty private hospital	Journal of Hospital Pharmacy (JOHP)	Query regarding no objection from Hospital, so submitted in august 2015	Published
8	Nilay Solanki	<p>An evaluation of the protective role of Ficus racemosa</p> <p>Linn. in streptozotocin-induced</p>	Indian Journal of Pharmacology	<p>Submitted 09/05/2015</p> <p>Revised 01/07/2015</p>	Published on 14/10/2015

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		diabetic neuropathy with neurodegeneration			
9	Payal Shah	Design and evaluation of bromfenac sodium loaded microemulsion system targeting the posterior segment of eye disease	Molecular Pharmaceutics	20 <sup>th</sup> June 2015	Rejected
10	Pooja Aboti	Formulation development and evaluation of topical liposomal gel of Silver sulfadiazene for burn therapy	Journal of Investigative Dermatology	20 <sup>th</sup> June 2015	The article has not been submitted since at time of submission the asked money
11	Balaram Gajra	Intestinal permeability enhancement of foscarnet by preparing chitosan nano particles.	AAPS Pharm Sci Tech	20 June 2015	-----
12	Mansi Paradkar	Formulation Development and Evaluation of Natamycin niosomal In-Situ Gel for ophthalmic drug delivery	International Journal of Pharmaceutics	20 <sup>th</sup> June 2015	Rejected



**Training of Laboratory Technicians**

**Training for Non-teaching staff members in Summer Vacation 2015 (12th -13th June 2015)**

(Organized by RPCP) Day	Date	Session	Time	Title	Speaker
1	12/06/2015	Session-1	9:30 – 10:45	MS Office / Adobe Photoshop	Mr. Niraj Vyas, RPCP / Mr. Arpit Trivedi, CMPICA
		Session-2	11:00-12:00		Mr. Niraj Vyas, RPCP / Mr. Arpit Trivedi, CMPICA
		Session-3	1:00–2:15		Mr. Niraj Vyas, RPCP / Mr. Arpit Trivedi, CMPICA
		Session-4	2:30–4:00		Mr. Niraj Vyas, RPCP / Mr. Arpit Trivedi, CMPICA
2	13/06/2015	Dr. BalaramGajraaccompanying non-teaching staff members for outing at Sri Sri's Gujarat Ashram, Village - Anklawadi, Vasad. They were accompanying by Ms. RekhaParab - yoga instructor for providing some insight into meditation.			

### 3.4.3 Evaluation System

New pattern of evaluation was adopted for the new entrants of B. Pharm program, the salient features of which include:

- Internal evaluation by the course faculty member(s) based on continuous assessment, for 20% of the marks for the course. *Internal Evaluation* for theory courses are based on Unit Tests, Assignment, Theory Test and Attendance components whereas Internal Evaluation of practical courses are based on Performance based practical, Viva, Synopsis, Laboratory Record and Attendance components.
- Final examination by the University through written paper or practical test or oral test or presentation by the student or a combination of any two or more of these, for 80% of the marks for the course. University examination for theory courses includes objective type questions (20 marks) and descriptive type questions (60 marks).

#### **M.Pharm: CHANGE IN M. PHARM EVALUATION OF DISSERTATION IS MISSING**

- Internal evaluation by the course faculty member(s) is based on continuous assessment, for 30% of the marks for the course, while University evaluation is for 70 % of the marks for the course. In the evaluation of Dissertation, part II, two components were included, namely poster and power point presentation. Similarly, in the evaluation of Dissertation, Part III (final dissertation), the components of evaluation include power point presentation and manuscript.

#### **Post Graduate Diploma**

This is full time – 1year (2 semesters) post graduate programme. Internal evaluation by Institute is 30% and External evaluation by University is of 70%; the evaluation is similar to conventional B. Pharm program.

#### **Certificate course**

For certificate courses the evaluation is based on continuous evaluation by Institute and University.

### **3.4.4 Result Analysis and List of Toppers**

#### **B.PHARM. (From April 2014 to March 2015)**

Among the 63 students appearing in 1<sup>st</sup> semester examination, 58 % students passed without any backlog, while about 44 % of the students appearing in 2<sup>nd</sup> semester examination, passed without any backlog. In the 3<sup>rd</sup> semester examination, 62 % of the appearing students passed without any backlog. Among the 87 students appearing in the 4<sup>th</sup> semester examination, 56 % students passed without any backlog. About 81 % of the students appearing in 5<sup>th</sup> semester examination passed without any backlog. In the 6<sup>th</sup> semester examination, 85 % students passed without any backlog. Similarly in the 7<sup>th</sup> and 8<sup>th</sup> semester examinations, the % of students passing the examination without any backlog was 93 % and 84 % respectively.

<b>Semester</b>	<b>Total students appeared</b>	<b>SGPA</b>			
		<b>&gt; = 7.5</b>	<b>7.5 - 6</b>	<b>6 - 5</b>	<b>&lt; 5</b>
1	63	17(27)	16 (25)	4 (6)	0
2	102	23 (23)	19 (18)	02 (2)	01 (1)
3	84	23 (27)	23 (27)	05 (6)	02 (2)
4	87	21(24)	20 (23)	07 (8)	01 (1)
5	65	18 (28)	25 (38)	08 (12)	02 (3)
6	75	37 (49)	18 (24)	08 (11)	01(<1)
7	69	30 (43)	25 (36)	10 (14)	00
8	66	16 (24)	29 (44)	10 (15)	01 (1)

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## M.PHARM. (From April 2014 to March 2015)

The result for all the semester of M. Pharm program in all the branches of specialization was 100 %.

M.Pharm. Sem.	No. of Appeared Students	SGPA (without backlogs)			
		> = 7.5	7.5 - 6	6 - 5	< 5
1 <sup>st</sup> Sem. P.T.	4	3	0	1	0
2 <sup>nd</sup> Sem. P.T.	10	09	01	00	00
3 <sup>rd</sup> Sem. P.T.	10	10	0	0	0
4 <sup>th</sup> Sem.P.T.	19	00	00	00	00
1 <sup>st</sup> Sem. Q.A.	3	2	1	0	0
2 <sup>nd</sup> Sem. Q.A.	15	07	08	00	00
3 <sup>rd</sup> Sem. Q.A.	15	12	3	0	0
4 <sup>th</sup> sem. Q.A.	17	17	00	00	00
1 <sup>st</sup> Sem. DRA	9	3	6	0	0
2 <sup>nd</sup> Sem. DRA	08	05	02	00	00
3 <sup>rd</sup> Sem. DRA	8	7	00	00	1
4 <sup>th</sup> Sem. DRA	10	00	00	00	00
2 <sup>nd</sup> Sem. CP	03	01	02	00	00
3 <sup>rd</sup> Sem. CP	3	0	3	0	0
4 <sup>th</sup> Sem. CP	06	05	00	01	00
2 <sup>ND</sup> Sem. CT	02	01	01	00	00

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SR. NO	SEMESTER	RANK	NAME OF RANKERS	SGPA/ CGPA	AMOUNT
1	1 <sup>st</sup> sem B .Pharm	1 <sup>ST</sup>	LALVANI RAHUL D	9.33	1500
2		2 <sup>ND</sup>	DOSHI MOHIT C	9.30	1000

Semester	Total students appeared	SGPA			
		> = 7.5	7.5 - 6	6 - 5	< 5
2 <sup>nd</sup> Sem.	01	01	0	0	0
3 <sup>rd</sup> Sem. CT	2	2	0	00	0
4 <sup>th</sup> Sem. CT	01	00	00	00	00

**PGDCT:** The only student enrolled for the PGDCT program passed with SGPA > 7.5

### Students' achievements in the year (Academic)

The following table mentions the list of student - toppers of the year and they are appreciated during 12<sup>th</sup> Annual day celebrations of RPCP.

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3		3 <sup>RD</sup>	MEHTA JIGAR N	9.20	500
4	2 <sup>nd</sup> sem B .Pharm	1 <sup>ST</sup>	CONTRACTOR DARSHAN	10.00	1500
5		2 <sup>ND</sup>	DHARTI ANILKUMAR P	9.53	1000
6		3 <sup>RD</sup>	PATEL SHIVANI J	9.50	500
7	3 <sup>rd</sup> sem B .Pharm	1 <sup>ST</sup>	CONTRACTOR DARSHAN	9.81	1500
8		2 <sup>ND</sup>	BHATT PARTHVI C	9.34	1000
9		3 <sup>RD</sup>	PATEL NEHALI K	9.28	500
10	4 <sup>th</sup> sem B .Pharm	1 <sup>ST</sup>	JASH KAVYA S	9.56	1500
11		2 <sup>ND</sup>	PATEL KISHAN B	9.11	1000
12		3 <sup>RD</sup>	BITLA SPOORTHY S	8.89	500
13	5 <sup>th</sup> sem B .Pharm	1 <sup>ST</sup>	PATEL KISHAN B	9.72	1500
14		2 <sup>ND</sup>	JASH KAVYA S	9.61	1000
15		3 <sup>RD</sup>	BERI ROMANSHA A	8.93	500
16	6 <sup>th</sup> sem B .Pharm	1 <sup>ST</sup>	SARSWAT AISHWARIYA L	10.00	1500
17		2 <sup>ND</sup>	DAVE RICHA R	9.76	1000
18		3 <sup>RD</sup>	VYAS NIYATI D	9.74	500
19	7 <sup>th</sup> sem B .Pharm	1 <sup>ST</sup>	SARSWAT AISHWARIYA L	9.83	1500
20		2 <sup>ND</sup>	DAVE RICHA R	9.52	1000
21		3 <sup>RD</sup>	PATEL NIDHI D	8.98	500
22	8 <sup>th</sup> sem B .Pharm	1 <sup>ST</sup>	GANDHI PRIYAL D	9.78	1500

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23		2 <sup>ND</sup>	BHADIYADRA MITTAL H	9.12	1000
24		3 <sup>RD</sup>	SINGH SHIVANGI	8.95	500
25	3 <sup>RD</sup> SEM M.PHARM DRA	1 <sup>ST</sup>	LADANI BHUMI SURESH	211	1500
26		2 <sup>ND</sup>	PATEL YATRA DINESHKUMAR	205	1000
27		3 <sup>RD</sup>	JANI HIMALI KAMLESHBHAI	205	500
28	1 <sup>ST</sup> SEM M.PHARM DRA	1 <sup>ST</sup>	SINGH SHIVANGI D	9.67	1500
29		2 <sup>ND</sup>	PATEL SACHIBEN R	9.11	1000
30		3 <sup>RD</sup>	YADAV BINDUKUMARI N	8.59	500
31	1 <sup>ST</sup> SEM M.PHARM QA	1 <sup>ST</sup>	PATEL DIVYA D	9.30	1500
32		2 <sup>ND</sup>	DAVE BHUMI J	8.26	1000
33		3 <sup>RD</sup>	PATEL PRARTHANA M	7.96	500
34	2 <sup>ND</sup> SEM M.PHARM DRA	1 <sup>ST</sup>	LADANI BHUMI S	9.93	1500
35		2 <sup>ND</sup>	BHATT BHAGYASHREE D	9.00	1000
36		3 <sup>RD</sup>	PRAJAPATI MAYURIBAHEN	8.17	500
37	4 <sup>TH</sup> SEM M.PHARM DRA	1 <sup>ST</sup>	SHAH MANSI MANOJKUMAR	9.57	1500
38		2 <sup>ND</sup>	PATEL KHUSHBU KAMLESHBHAI	9.23	1000
39		3 <sup>RD</sup>	NAIK KRUTI JAYESHBHAI	9.12	500
40	4 <sup>TH</sup> SEM M.PHARM PT	1 <sup>ST</sup>	PAREKH KHUSHALI SUDHIRBHAI	9.41	1500
41		2 <sup>ND</sup>	PATEL AKASH ARVINDBHAI	8.74	1000
42		3 <sup>RD</sup>	PAWANI CHINTAL SUBHASH	8.59	500

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43	4 <sup>TH</sup> SEM M.PHARM QA	1 <sup>ST</sup>	SHAH RIMPAL MINESHKUMAR	8.67	1500
44		2 <sup>ND</sup>	PATEL JAMILA JIYAUDDIN	8.61	1000
45		3 <sup>RD</sup>	PRIANKA BHAT	8.57	500

### 13. Educational Tour /Visit

The educational visits bridge the gap between what is taught in the class and the actual shop floor situation. Students of Final year B. Pharm visited ZydusCadila Health Care Ltd., Ahmedabad and 3<sup>rd</sup> year, 4<sup>th</sup> year B. Pharm students visited Dhvani Offset Printing Pvt. Ltd., Vatva, Ahmedabad.

#### B.Pharm.

Class	Visit Place	Date
4th Year B.Pharm (A.Y: 2015-16)	ZydusCadila Health Care Ltd., Ahmedabad	23rd July, 2015
3rd& 4th Year B.Pharm (A.Y: 2015-16)	Dhwni Offset Printing Pvt. Ltd., Vatva	27th October, 2015
1st year M.Pharm(PT/QA/CP/DRA)	Jai Research Foundation., Vapi	13th October 2015
2nd Year M.Pharm(PT/QA)	J. B. Chemicals and Pharmaceuticals Ltd., Ankleshwar	12th October 2015

### 4. Events organized by Institute:

RPCP believes in continuous education of the fraternity of professionals and the following events were organized during the past one year.

1. CHARUSAT Endowment Chair At RPCP - From 14<sup>th</sup> – 16<sup>th</sup> September, 2015
2. Avalanche 16 & Pharma Battle 16 - 16-19 February, 2016



**3. Parents' meeting - 4/10/2015**

**4. Pharmacists Day Celebration**

**1. "Hands on Training Programme on High Performance Liquid chromatography (HPLC) and Flash Chromatography"**

**1. CHARUSAT Endowment Chair At RPCP - From 14<sup>th</sup> – 16<sup>th</sup> September, 2015**

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.

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.

Dr.Samir Mitragotri, Professor, Department of Chemical Engineering, University of California Santa Barbara, USA was invited as a resource person under the CHARUSAT 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 (15th 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 seminar was translation of the Pharmaceuticals from Bench to Bed.

**National Seminar on Translational Research in Pharmaceutical Drug Development (15th Sep 2015)**

Ramanbhai Patel College of Pharmacy (RPCP) organized GUJCOST supported One Day National Seminar on Translational Research in Pharmaceutical Drug Development (15th Sep 2015), under the auspices of Charotar University of Science and Technology (CHARUSAT) Endowment Chair, AAPS (American Association of Pharmaceutical Sciences) Students Chapter- RPCP and GUJCOST (Gujarat Council of Science and Technology). We had presence of esteemed scientist Dr. Samir Mitragotri, Professor of Chemical Engineering, University of California, Santa Barbara (UCSB) as our chief guest and keynote speaker of the seminar. Dr. Samir Mitragotri is a renowned scientist whose area of research includes drug delivery. RPCP, CHARUSAT had the opportunity to discuss various aspects of research with Dr. Samir Mitragotri, and invited speakers from across India. The event was successful by presence of speaker who are renowned scientist at IIT Mumbai, Dr. Jayesh bellare and other scientist like Dr. Sanjeeb Sahoo, Scientist D, Institute of Life Sciences, Bhubaneswar, Dr.Rajkumar Halder, Scientist E, Translational Health Science and Technology Institute, Faridabad and Dr. C.T. Rao, Senior Vice President & Head Medicinal Chemistry at Sun Pharma, Vadodara inspired the delegates through his talk about innovation in pharma. The event was based on discussing how scientist can take the bench side basic research to bed side. The main theme of the seminar included various talks on drug delivery to treat cancer cells and drug discovery for breast cancer treatment. Total 81 delegates from various organizations have participated in a seminar.

**2. Pharma Battle 2016 & Avalanche 2016**

Cricket and Badminton Tournament along with a Mega Technical Festival of Ramanbhai Patel College of Pharmacy to be organized between 16-19 February, 2016.

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Total 16 Teams participated in Cricket Tournament and 62 females participated in Badminton Tournament.

More than 15 college participated in Technical and non-Technical events of Avalanche'16.  
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Cricket and Badminton Tournament “PHARMABATTLE 2016” was organized on 16-19 February 2016 at Ramanbhai Patel College of Pharmacy (RPCP), a constituent of Charotar University of Science and Technology (CHARUSAT), Changa. Total 16 Pharmacy College Teams and 240 participants came from all over Gujarat for gala cricket tournament. Total 15 matches were played over a span of four days. Dr. B.G. Patel, Provost CHARUSAT, Shri Devang Joshi Registrar, CHARUSAT and Dr. R.H. Parikh, Principal RPCP graced the inaugural function of the tournament. Dr. B. G. Patel inspired the students to play with zeal, enthusiasm and vigor. After the great success of PHARMABATTLE 2015, RPCP has extended the sports event this year by including Badminton in the tournament for female students and faculties of Pharmacy College. Total 62 female candidates participated from all Pharmacy Colleges in Gujarat. The semi final cricket matches were played between RPCP vs Laxminarayan Dev College of Pharmacy and K.B. Institute of Pharmaceutical Education and Research vs Maliba Pharmacy College. The winning cricket team was from Laxminarayan Dev College of Pharmacy and Ms. Kasturi Malakar from Pioneer Degree Pharmacy College won the title of Badminton Champion.

Along with this sports event, a Mega Technical festival “**Avalanche-2016**” was organized on 18-19 February 2016 at RPCP. “**Avalanche**” is a National Pharma Technical Event that provides pharmacy students a platform to discover their potential. The event is a brainchild of the first batch students of the RPCP. More than 250 students of Pharmacy from various institutes across the state are participating in this festival. Dr. Narendra Soni, Deputy General Manager at Cadila Pharmaceuticals Pvt. Ltd., Dholka was invited as the chief guest of the inaugural function of the festival. Dr. M.C. Patel, Honorable Secretary, Kelavni Mandal, Shri Naginbhai Patel, Honorable Secretary, Charusat Healthcare Research Foundation, Dr. B.G. Patel, Shri Devang Joshi and Dr. R.H. Parikh graced the inaugural function of “**Avalanche-2016**”. Mr. Narendra Soni addressed the budding pharmacist to cope up with the industrial standards and thrive for excellence. Dr. M. C. Patel motivated the students for better education and healthcare for nation. Today is the Fifth Techfest of RPCP and more than 100 students have participated in Scitoons, a non-technical event which combines art and science. Students have also participated in Poster presentations and various other technical events. The special features of the festival are Youth Assembly and Shout out Dare to do. Total 16 prizes were given for all events. The valedictory function was graced by Mr. Lalit Saraswat, Director Baroque Pharmaceuticals as Guest of Honor and Shri Bhupendrabhai Patel, Chairman and Managing Director Pharmenza Herbals Pvt. Ltd. as Chief Guest. Dr. B.G. Patel as well as Dr. M.C. Patel

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were among the invited dignitaries of the valedictory function. Both industrialists motivated students for overall growth as a Pharmacist to meet expectations of challenging world. The dignitaries felicitated the winners of all events of PHARMABATTLE 2016 and AVALANCHE 2016. The hard work of faculty event coordinators Mr. Niraj Vyas, Ms. Kanan Gamit and Ms. Mansi Paradkar as well as student coordinators and volunteers was highly appreciated by one and all. Indeed both the events were a huge success.

### 3. Parents' Meeting

Parents' Meetings were arranged for all B.Pharm. students' parents at RPCP as per the below mentioned data.

The objective of this meeting was to interact between the parents and faculty members of rpcp.

Around 80 parents had come to attend all meetings during the academic year and they had discussed with faculty members as well as with principal sir for their queries, appreciated the efforts of rpcp for the students' education with overall development.

Semester	Date
3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> sem. B.Pharm.	12/09/2015
1 <sup>st</sup> sem. B.Pharm.	24/10/2015
All semesters of B.Pharm.	12/03/2016
All semesters of B.Pharm.	09/04/2016

### 4. Pharmacists Day Celebration

Ramanbhai Patel College of Pharmacy (RPCP) has organized Pharmacists day with the theme of "Pharmacist: Your Partner in Health". Worldwide, it is celebrated on 25<sup>th</sup> September on the establishment of International Pharmaceutical Federation (FIP) in 1912.

As a part of celebration three theme based events were organized. It included technical event such as Case Study Presentation and non-technical events such as Logo designing and Painting. Students have participated in events. Logo designing and Painting activities were judged by the faculty members of RPCP. Dr Labani Roy,

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Consultant Physician, CHARUSAT HOSPITAL Charusat Healthcare & Research Foundation (CHRF) CHARUSAT Campus, was invited as judge for Case Study Presentation. Winners were appreciated and felicitated with certificates

### **5. “Hands on Training Programme on High Performance Liquid chromatography (HPLC) and Flash Chromatography”**

Ramanbhai Patel College of Pharmacy has organized “Hands on Training Programme on High Performance Liquid chromatography (HPLC) and Flash Chromatography” during 20<sup>th</sup> to 25<sup>th</sup> June 2016 in lieu of Industrial training in summer vacation 2016. During this period, Faculty members were exposed to theoretical basis, working principle, instrumentation and actual hands on experiments on HPLC and Flash Chromatography system. From 20<sup>th</sup> to 22<sup>nd</sup> June 2016, HPLC training was organized which was coordinated by Mr. Ravish Patel, while from 23<sup>rd</sup> to 25<sup>th</sup> June 2016 Flash Chromatographic system was organized which was coordinated by Mr. Niraj Vyas.

## **5. RESEARCH, CONSULTANCY AND EXTENSION**

### **5.1 Patents' status (filed in India)**

<b>No</b>	<b>Name of Inventor(s)</b>	<b>Application No.</b>	<b>Title</b>	<b>Status</b>
1	R. H. Parikh Ankit Shah	146/MUM/2012 A	Transnasal Microemulsion Of An Antispastic Agent	<b>Examination Report Received by inventor</b>
2	Ravi Patel Balaram Gajra	3233/MUM/2012A	Novel Oral Composition Of A Mast Cell Stabilizing Agent, Chromolyn Sodium	<b>Published Application awaiting Examination</b>
3	Amit Patel Mansi Paradkar R. H. Parikh	32/MUM/2013 A	Intranasal Micro-Emulsion Of An Anti Malarial Drug, Artemether	<b>Published Application awaiting Examination</b>
4	Gayatri Patel Akash Patel Manali Malaviya Brijesh Navadiya	30 <sup>th</sup> November 2013 & 3765/MUM/2013	Solubilizing compositions of atorvastatin calcium	<b>Published but Request For Examination not filed</b>
5	Payal Shah Darsheen Kotak	30 <sup>th</sup> November 2013 & 3766/MUM/2013	:"Pharmaceutical Formulation Of Non-Steroidal Anti-Inflammatory Drugs For Ophthalmic Drug Delivery	<b>Published but Application awaiting Examination</b>

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6	ChintanDalwadi Gayatri Patel R. H. Parikh	3 <sup>rd</sup> January, 2014 &: 29/MUM/2014	Thermogelling Composition and Method of Production of the same	<b>Application yet not published</b>

### 5.2 PUBLICATIONS

The faculty at RPCP is actively involved in research which has been advantageously transformed into publications in journals of repute. In all more than 26 papers were published in journals like Current Drug Delivery, Journal of Hospital Pharmacy, International journal of Pharmaceutical research, International Journal of Pharmaceutical Chemistry and Analysis, Indian Drugs, Current Analytical Chemistry, Journal of Inclusion Phenomena & Macrocyclic Chemistry, etc

#### Research Publication

##### Mr. Niraj Vyas

Niraj Vyas and Manan Raval, Quantification of Two Marker Compounds from unsaponifiable matter of Hygrophila spinosa Seeds Using Validated TLC-Densitometric Method, International journal of Pharmaceutical research, Volume, (7), 39-46, ISSN No., 0975-23666.

##### Ms. Jalpa Suthar

Jalpa V Suthar, Rutvi Rathod, Study and evaluation of Medication Errors in a multispeciality Private Hospital, Journal of Hospital Pharmacy, Volume 10(4) Oct to Dec 2015, ISSN No

##### Mr. Nilay Solanki

NilaySolanki, ShaileshBhavasara, To evaluate the protective role of Ficus racemosa Linn. Against STZ induced diabetic neuropathy and neurodegeneration, Indian journal of Pharmacology, Vol. 47, Issue-6, 610-615

Nilay Solanki, Parashar dudhagara, Prospective Study On Prescription Pattern Analysis Of Hypertensive Patients Attending Medicine Department At Tertiary Care Teaching Hospital, Journal of Hospital Pharmacy, Vol. 11, issue-1

**Dr. Rajesh Parikh**

Rajesh H. Parikh and Ravish J Patel, Nanoemulsions for Intranasal Delivery of Riluzole to Improve Brain Bioavailability: Formulation Development and Pharmacokinetic Studies, Current Drug Delivery, Volume 13 (E-pub ahead of print), 1875-5704 (Online) 1567-2018 (Print), Impact Factor 1.478

Vijaykumar K. Parmar, Rajesh H. Parikh and Ravish J. Patel, HPTLC Method for Estimation of Topiramate in Solubility Studies, Diffusion Studies, Plasma, Brain Homogenate and Pharmaceutical Formulation, Journal of Chromatographic Science, 1.320, DOI: 10.1093/chromsci/bmw066

**Mr. Umang Shah**

Umang Shah, Tarang Talaviya, Anuradha Gajjar, Sensitive and Robust RP-HPLC Method for Determination of Valproic Acid in Pharmaceutical Formulation, International Journal of Pharmaceutical Chemistry and Analysis, 2(4);148-153, 2394-2789 (Print) 2394-2797 (Online)

Umang Shah\*, Sharddha Patel, Manan Raval, Pankti Desai, Chemometric assisted spectrophotometric methods

for the simultaneous determination of Rifampicin and Piperine in bulk and capsule, Indian Journal of Pharmaceutical Education and Research, 49(3),203-210, 0019-5464, TR Impact Factor 0.3, SJR 0.78

Umang Shah., Tarang Talaviya., Anuradha Gajjar, Development and validation of derivative spectroscopic method for the simultaneous estimation of Mebendazole and levamisole hydrochloride in Pharmaceutical



Formulation, International Journal of Pharmaceutical Chemistry and Analysis, 2(02): 108-112, 2394-2789

Shah U.\* and Gandhi A, Q- Absorption Ratio and Simultaneous Equation Spectrophotometric Methods for Simultaneous Estimation of Fenbendazole and Niclosamide in Pure Drug and Pharmaceutical formulations, INDIAN DRUGS 53 (01), 53 (01), 0019-462X (print version), SJR 0.11

**Mr. Amit Patel**

Amit Patel, R H Parikh Om Prakash Sharma, Tejal Mehta, Development and evaluation of effervescent tablets of promethazine, International Journal of Pharmaceutics and Pharmaceutical Sciences, SJR 0.53

AMIT A. PATEL, R. H. PARIKH, TEJAL A. MEHTA, DEVELOPMENT OPTIMIZATION AND EVALUATION OF EFFERVESCENT TABLETS OF CHLORPHENIRAMINE MALEATE USING BOX BEHNKEN DESIGN, International Journal of Pharmacy and Pharmaceutical Sciences, 7(8),317-323, 0975-1491, SJR-0.484

**Dr. Gayatri Patel**

Chintan Dalwadi , Gayatri Patel, Implementation of “Quality By Design (Qbd)” Approach for the Development of 5-Fluorouracil Loaded Thermosensitive Hydrogel. Current drug delivery, 12(6), 2015 1875-5704 (Online), 1567-2018 (Print), TR IF-1.478

**Dr. Anuradha Gajjar**

P. Nalawade, A.Gajjar, Optimization of Astaxanthin Microencapsulation in Hydrophilic Carriers using Response Surface Methodology, Archives of Pharmacal Research, 38 (12) 2015, pISSN: 0253-6269, eISSN: 1976 – 3786, 2.046

Nrupesh Patel, Tejas Dadhaniya and Anuradha Gajjar, Supercritical Fluid Chromatographic Method for Montelukast: Application in Content Uniformity and Degradation Study, Current Analytical Chemistry, 12(999) 2015eISSN: 1875-6727, pISSN: 1573-4110, TR IF-1.132\*

P. Nalawade, A.Gajjar, Preparation and Characterization of Spray Dried Complexes of Lutein with Cyclodextrins, Journal of Inclusion Phenomena &Macrocyclic Chemistry, 83/ 77 – 87/ 2015 e-ISSN: 1573-1111,pISSN: 1388-3127, 1.488

P. Nalawade, A.Gajjar, Assessment of in-vitro Bio-accessibility and Characterization of Spray Dried Complex of Astaxanthin with Methylated Betacyclodextrin, Journal of Inclusion Phenomena &Macrocyclic Chemistry, 83/ 63 –75/ 2015, e-ISSN: 1573-1111,pISSN: 1388-3127, SJR- 1.488

Esha S Desai, Anuradha Gajjar, RP- HPLC Method Development and Validation of Paracetamol, Tapentadol&Aceclofenac in Combination Dosage Form by Application of Quality by Design (QbD) Approach, Inventi Rapid: Pharm Analysis & Quality Assurance Vol. 2015, Issue 1, 2015 ppaqa 14651, ISSN:0976-3813

**Ms. Jagruti Prajapati**

Patel GC\*, Prajapati J, Morthana KM and Khunt DM, Formulation and Evaluation of Oral Reconstitutable Suspension of Cefpodoxime Proxetil by in Journal of Pharmaceutics & Drug DevelopmentIntroduction, Volume 3, Issue 1, pg no 1-8

**Dr. Viajy Parmar**

Ketan Variya and Vijaykumar Parmar, A Validated High-Performance Thin-Layer Chromatographic Method for the Quantitation of Protodioscin in Trigonella foenum-graecum and Its Herbal Formulations, Journal of Planar Chromatography – Modern TLC, 28(6), 1-8, 0933-4173, TR IF -0.955, SJR-0.353

Vijaykumar K. Parmar, Rajesh H. Parikh and Ravish J. Patel, HPTLC Method for Estimation of Topiramate in Solubility Studies, Diffusion Studies, Plasma, Brain Homogenate and Pharmaceutical Formulation, Journal of Chromatographic Science, 1.320, DOI: 10.1093/chromsci/bmw066

**Ms. Mansi Paradkar**

Mansi Paradkar, Vaishali Thakkar, Tejal Soni, Tejal Gandhi, and Mukesh Gohel, Formulation and evaluation of clotrimazole transdermal spray, Drug Development and Industrial Pharmacy, 41(10): 1718–1725, 0363-9045 (print), 1520-5762 (electronic), TR IF-1.539, SJR-0.83

**Ms. Pooja Aboti**

A Pooja, P Rajesh, P Samir, Permeation enhancement of furosemide by using 2 level full factorial design: An ex vivo study, Der Pharmacia Lettre, 7 (6), 146-165, 09755071,SJR-0.245

**Dr. Mehul Patel**

Mehul M. Patel ,Satish D. Bhuva, Miketa M. Patel, Proton pump inhibitors: recent developments in analytical methodologies, Reviews in Analytical Chemistry, 34 (1), 29-43, ISSN (Online) 2191-0189, ISSN (Print) 0793-0135, RT IF- 0.436, SJR-0.274

**Mr. Ravish Patel**

Rajesh H. Parikh and Ravish J Patel, Nanoemulsions for Intranasal Delivery of Riluzole to Improve Brain Bioavailability: Formulation Development and Pharmacokinetic Studies, Current Drug Delivery, Volume 13 (E-pub ahead of print), 1875-5704 (Online) 1567-2018 (Print), Impact Factor 1.478

Vijaykumar K. Parmar, Rajesh H. Parikh and Ravish J. Patel, HPTLC Method for Estimation of Topiramate in Solubility Studies, Diffusion Studies, Plasma, Brain Homogenate and Pharmaceutical Formulation, Journal of Chromatographic Science, 1.320, DOI: 10.1093/chromsci/bmw066

**5.3 On going research projects of PhD**

**5.3.1 Research Areas of Faculty members doing Doctoral Studies from RPCP, CHARUSAT.**

Faculty members at RPCP are also enrolled for their PhD under the supervision of guides from within the institute and at times under the supervisors outside the institute. Ms. Leena Patel has been awarded the PhD degree in March 2015. Two other faculty members, Ms. Jalpa Suthar and Mr. Nilay Solanki have submitted their PhD thesis. Mr. Ravish Patel has submitted the synopsis and will soon be submitting the thesis. Others are working towards the achievement of identified research objectives.

Sr. No.	Name of Candidate	Research Area
1	Mr. Nilay Solanki	Metabolic disorders & Ethanopharmacology
2	Ms. Jalpa Suthar	Clinical Pharmacy
3	Ms. Leena Patel	Pharmacology, Diabetic Nephropathy
4	Mr. Niraj Vyas	Pharmacognosy, Spermatogenetic Drugs
5	Ms. Kanan Gamit	Pharmacognosy, Aphrodisiac

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6	Mr. Ravish Patel	Pharmaceutics , Drug Delivery System
8	Mr. Dharmang Pandya	Pharmaceutics, Dissolution enhancement of BCS Class-II drugs by Liquisolid compacts and Nanotechnology.
9	Mr. Umang Shah	Pharmaceutical Chemistry, Design Synthesis and Biological Evaluation of Some Heterocycles as Potential Non Steroidal Aromatase Inhibitors.
10	Mr. Bhavin Patel	Pharmaceutics, Targetting of Anticancer Drug to Brain.
11	Ms. Avani Chokshi	Designing and Synthesis of Novel Lipid Lowering Agents.
12	Ms. Kunti Shah	Pharmaceutical Analysis.

Other than the faculties, some of the Ph.D. full time and part time scholars are also involved in research activity.

### 5.3.2 List of full time Research Scholars

Sr. No	Name of Candidate	Research Area
1	Ms. Sonali Dalwadi	Drug delivery to pulmonary tuberculosis
2	Mr. Sanket Patel	Therapeutic drug monitoring (Nephrology)
3	Mr. Chintan Dalwadi	Targeted hydrogel drug delivery system
4	Mr. Ketan Varia	Phytochemical analysis
5	Ms. Rutu Patel	Pharmaceutical Technology
6	Ms. Gopi Shah	Pharmacology
7	Ms. Rishita Patel	Clinical Pharmacy
8	Mr. Milap Patel	Pharmacology

### 5.3.3 List of Research Scholars – Part time

Sr. No	Name of Candidate	Research Area
1	Mr. Mohak Raina	Pharmaceutical Technology
2	Mr. T. Veerababu	Pharmaceutical Technology

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3	Ms. Purvi Kakrani	Pharmacognosy and Phytochemistry
4	Ms. Jyothi	Pharmaceutical Analysis
5	Mr. Chintan Patel	Pharmaceutical Technology
6	Mr. Mohammadzahid Abdulrashid Mal	Pharmaceutical Technology
7	Pathak Chirag	Pharmaceutical Chemistry and Analysis
8	Gaikar Nilesh	Pharmacognosy
9	Murlidhar Zope	Pharmaceutical Chemistry and Analysis
10	Mr. Moh. Zahid Mall	Pharmaceutics

### **5.4 Presentations by Faculty Members**

#### **Ms. Avani Chokshi**

Oral Presentation on Designing of some novel squalene synthase inhibitors as cholesterol lowering agents.CHARUSAT Endowment- RPCP, Organized by RPCP during 14th to 16th September, 2015.

#### **Dr. Jalpa Suthar**

Oral presentation on A Comparison of Quality of Prescriptions At Primary, Secondary And Tertiary Health Care Facilities Using Prescription Quality Index Tool at 48th Annual Conference of the Indian Pharmacological Society (IPSCON), Department of Pharmaceutical Sciences, Saurashtra University, Rajkot & Indian Pharmacological Society December during 18-20, 2015

Poster presentation on INCIDENCE OF PREGNANCY INDUCED HYPERTENSION AND TO STUDY MATERNAL MORBIDITY PATTERN AT COMMUNITY HEALTH CENTRE in 8th International Conference on Translation Research in Cardiovascular Sciences , Anand Pharmacy College , February 5-6 ,2016

**Mr. Nilay Solanki**

Poster presentation on INVESTIGATING ROLE OF FICUS RACEMOSA LINN. THROUGH BIOCHEMICAL, BEHAVIOURAL, STRUCTURAL EVIDENCES IN DIABETES INDUCED NEUROPATHY WITH NEURODEGENERATION at Translational research in cardiovascular science, Anand pharmacy college, 5-6 Feb. 2016

**Mr. Niraj Vyas**

Poster presentation on Aphrodisiac & spermatogenic potential of unsaponifiable fraction of *Hygrophila spinosa* T. Anders in rats at National Conference on Reproductive Health Challenges: Issues and Remedies, Indian Society for the Study of Reproduction & Fertility (ISSRF) and IIS University, Jaipur, 11-13 Sept. 2015

Poster presentation on "Effect of alkaloidal fraction from *Hygrophila spinosa* T. Anders on testosterone production by rat leydig cells *in vitro*" in 20th National Convention of Society of Pharmacognosy, India held at KLE University, Belagavi, Karnataka during 26th and 27th March 2016, Secured 1<sup>st</sup> Rank

**Ms. Kanan Gamit**

Poster presentation on "Evaluation of Ayurveda formulation Gokshuradiguggulu" National conference on "Frontiers and avenues in the field of herbal drug research at L. M. College of Pharmacy, Ahmedabad, 6th to 7th February, 2015

Poster presentation on Physicochemical and Biological Evaluation of *Ashwagandhadi Lehya* in 20th National Convention of Society of Pharmacognosy, India held at KLE University, Belagavi, Karnataka during 26th and 27th March 2016.

**Mr. Ravish Patel**

Poster presentation on Linagliptin microemulsion for bioavailability enhancement: Formulation and Characterization, "Improving Quality of Life using Nanotechnology: Potential Role of Polymers" NanoSciTech 2016, Panjab University, Chandigarh, India, 18-20 February, 2016

**Dr. Vijay Parmar**

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Poster presentation on Pre-clinical Pharmacokinetic Studies on an Aphrodisiac Phytoconstituent ,International Conference on Reproductive Health with Emphasis on Occupational, Environmental and Lifestyle Factors (ISSRF-2016), National Institute of Occupational Health, Ahmedabad 18-20 February, 2016

### **Mr. Amit Patel**

Poster presentation on Preliminary Investigations of Oral Effervescent Pellets of Diphenhydramine at NIPICON -16, INSTITUTE OF PHARMACY, NIRMA UNIVERSITY, 21-23 January, 2016

### **Dr. Gayatri Patel**

Oral presentation on Application Of Quality By Design (Qbd) Approach In Formulation Of Oral Delayed Release Tablet Of Lansoprazole International Conference on “QbD in Pharma Development at world congress 2015, SELECTBIO INDIA., 16-18 April, 2015

### **Ms. Payal Shah**

Oral presentation on Preparation Of PLGA Anoparticles Of Quetiapine Fumarate For Brain Targeting at CHARUSAT Endowment Chair- 2015-16 CHARUSAT, 14-16 September, 2015

Poster presentation on Formulation And Development Of Sustained Release Matrix Tablet Of Ticagrelor at Translational Research in Cardiovascular Sciences, Anand Pharmacy College, 5-6 FEBRUARY, 2016

Poster presentation on Oral Bioavailability enhacement of Alendronate by preparing Polymeric Nanoparticles for the treatment of Osteoporosis, International conference on Advance in formulation Development: challenges and application, faculty of pharmacy, Parul University, Baroda, 4-5 March 2016

### **Dr. Manan Raval**

Poster presentation on Comparative studies on ability of different types of flexible packages to preserve L-DOPA in seed powder of *Mucuna pruriense*. in 20th National Convention of Society of Pharmacognosy, India held at KLE University, Belagavi, Karnataka during 26th and 27th March 2016.

## RAMANBHAI PATEL COLLEGE OF PHARMACY, CHARUSAT

Poster presentation on Physicochemical and Biological Evaluation of *Ashwagandhadi Lehya* in 20th National Convention of Society of Pharmacognosy, India held at KLE University, Belagavi, Karnataka during 26th and 27th March 2016.

### **Mr. Umang Shah**

Poster presentation on Molecular Docking Study of Some Flavonoids as Non-Steroidal Aromatase Inhibitors For The Treatment of Breast Cancer, at Second National Seminar on Cancer Treatment - A Global challenge On 22<sup>nd</sup> March 2016 held at Department Of Pharmacy, Sumandeep Vidyapeeth

### **5.5 Participation By Faculty Members**

Faculty members also attended various events which have proved beneficial to them in their routine academic endeavors as well as research. They have represented RPCP in a number of events in the different states of the country.

### **Ms. Avani Chokshi**

GUJCOST sponsored national seminar on Structural Characterization of organic compounds by Spectroscopy at L M College of Pharmacy, 11th and 12th September, 2015

Seminar on Translational Research in Pharmaceutical Drug Development at RPCP on 15th September Dr. Jalpa Suthar

48th Annual Conference of the Indian Pharmacological Society (IPSCON), Department of Pharmaceutical Sciences, Saurashtra University, Rajkot & Indian Pharmacological Society December 18-20, 2015

8th International Conference on Translation Research in Cardiovascular Sciences , Anand Pharmacy College, February 5-6 ,2016

### **Ms. Kanan Gamit**

National Conference on Frontiers and Avenues in the field of Herbal Drug Research, L. M. College of Pharmacy, Ahmedabad, 6th to 7th February 2015



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### **Ms. Mansi Paradkar**

National seminar on 'Translational research in pharmaceutical drug development' RPCP,15/09/2015

### **Mr. Nilay Solanki**

International conference on Translational research in cardiovascular science, Anand pharmacy college, 5-6 Feb. 2016

### **Mr. Niraj Vyas**

National Conference on Reproductive Health Challenges: Issues and Remedies, Indian Society for the Study of Reproduction & Fertility (ISSRF) and IIS University, Jaipur, 11-13 Sept. 2015

20th National Convention of Society of Pharmacognosy, India held at KLE University, Belagavi, Karnataka during 26th and 27th March 2016.

Participated in 06 days "Hands on Training Programme on High Performance Liquid chromatography (HPLC) and Flash Chromatography" during 20th to 25th June 2016 in lieu of Industrial training in summer vacation 2016.

Participated in 06 days Workshop on NBA SAR preparation for UG Pharmacy Programme organized by RPCP during 27th June 2016 to 2nd July 2016.

### **Mr. Ravish Patel**

Seminar of Global Green Technology Conclave (Gigantic '15), CII, Ahmedabad, 6th August and 7th August, 2015

Seminar on Translational Research in Pharmaceutical Drug Development Ramanbhai Patel college of Pharmacy, 15th September, 2015

Conference of NanoSciTech 2016, on the theme "Improving Quality of Life using Nanotechnology: Potential Role of Polymers", Panjab University, Chandigarh, India, 18-20 February, 2016

### **Dr. Vijay Parmar**

## **RAMANBHAI PATEL COLLEGE OF PHARMACY, CHARUSAT**

Global Green Nanotechnology Conclave – 2015    CII – Confederation of Indian Industry, Ahmedabad, 6th & 7th August, 2015

International Conference on Reproductive Health with Emphasis on Occupational, Environmental and Lifestyle Factors (ISSRF-2016)    National Institute of Occupational Health, Ahmedabad    18-20 February, 2016

### **Mr. Amit Patel**

NIPICON -16, INSTITUTE OF PHARMACY, NIRMA UNIVERSITY, 21-23 January, 2016

### **Umang Shah**

Gujcost Sponsored two day seminar and workshop entitled " Structural Characterization of Organic Compounds by Spectroscopy"    L.M. College of Pharmacy, Ahmedabad,    11th and 12th September, 2015

### **Mr. Dharmang Pandya**

8th International conference on Translational Research in Cardiovascular Sciences, Anand Pharmacy College, Anand    5-6 February 2016

### **Mr. Dharmang Pandya**

Symposium Fifteenth International Symposium Of Controlled Release Society - Indian Chapter

On Advances In Technology And Business Potential Of New Drug Delivery Systems ICT, Mumbai    20th February, 2016

### **Dr. Gayatri Patel**

International Conference    QbD in Pharma Development world congress 2015    SELECTBIO INDIA.  
16-18 April, 2015

Workshop of Art & Science of Counseling by Dr.B.M.Palan Pri. B.I.Patel Human Resource Development center, CHARUSAT, 22nd -26th April, 2015

## **RAMANBHAI PATEL COLLEGE OF PHARMACY, CHARUSAT**

Workshop Scientific writing Ramanbhai Patel College of Pharmacy, CHARUSAT 15th – 20th June, 2015.

### **Dr. Mehul Patel**

“Hands on Training Programme on National Seminar on Translational Research in Pharmaceutical Drug Development Ramanbhai Patel College of Pharmacy, 14th September 2015

### **Ms. Kunti Shah**

Translational Research in Pharmaceutical Drug Development, Ramanbhai Patel College of Pharmacy 15th September 2015

### **Ms. Payal Shah**

Conclave Global Green Nanotechnology Conclave (GiGaNTiC 2015), Centre of Excellence in Nanotechnology (CoE-NT), 6-7 August, 2015

CHARUSAT Endowment Chair- 2015-16 CHARUSAT Endowment Chair- 2015-16 CHARUSAT 14-16 September, 2015

International conference on Advance in formulation Development: challenges and application faculty of pharmacy, Parul University, Baroda 4-5 March 2016

### **Ms. Jagruti Prajapati**

High Performance Liquid chromatography (HPLC) and Flash Chromatography” at RPCP, CHARUSAT during 20<sup>TH</sup> TO 25<sup>TH</sup> June, 2016

Workshop on “National Board of Accreditation (NBA) Self-Assessment Report (SAR) preparation for undergraduate pharmacy programme” Under Technical and Domain Knowledge Training for Faculty Members at RPCP, CHARUSAT during 27<sup>th</sup> June to 2<sup>nd</sup> July, 2016

## **5.6 OTHER ACHIEVEMENTS OF FACULTY MEMBERS**

Faculty members' efficiency in identified thrust areas has resulted in them being invited to review papers for various journals of national and international repute and also as reviewers for screening of papers for conference in India and abroad.

### **Kanan Gamit**

Got 2nd runner up prize in poster painting competition held by CELL FOR PREVENTION OF SEXUAL HARASSMENT Program, CHARUSAT on 6th march, 2016

### **Niraj Vyas**

Secured 1st Prize in Poster presentation session in 20th National Convention of Society of Pharmacognosy held at KLE University, Belgaum, Karnataka during 26-27 March 2016.

### **Manan Raval**

Secured 2nd Prize in Poster presentation session in 20th National Convention of Society of Pharmacognosy held at KLE University, Belgaum, Karnataka during 26-27 March 2016

### **Umang Shah**

Secured 1<sup>st</sup> rank in 2<sup>nd</sup> national workshop and seminar PHARMARENDEZVOUS 2016 on 21-22 March, 2016 at Department of Pharmacy, Sumandeep Vidyapeeth, Vadodara.

## **5.7 RESEARCH COLLABORATION IN PROGRESS**

Mr. Amit Patel Recently signed the MoU with "Velocity Pharma LLC, USA", for a pharmaceutical product development. Amit Patel, Ramanbhai Patel College of pharmacy will coordinate the project

## **5.8 RESEARCH SCHEMES IN THE PROGRESS**

4 Faculty members /part time research scholars have submitted research proposals to GUJCOST, Gandhinagar for around 18 lac. rupees grant.

The efforts of the faculty members of RPCP have gained recognition in the form of award of research grant by GUJCOST to Dr. Gayatri Patel, an amount of Rupees five lakhs for Gujarat Council on Science and Technology (GUJCOST) Minor Research Project titled " **Preparation and evaluation of Biodegradable in situ gel forming injectable controlled drug delivery system based on thermoresponsive methyl cellulose hydrogel**", Dr. Samir G. Patel, an amount of Rupees four lakhs ninety thousand for the Minor Research project titled " Development And Validation of Stability Indicating Chromatographic Methods (Accelerated and Real Time Stability Study) for Identification of Some Herbal Formulations Used in CNS Disorder" and Dr. Vijay Parmar and Dr. Manan Raval, jointly an amount of Rupees four lakhs for Minor Research project.

Further, our faculty members Ravish Patel, Niraj Vyas and Dr. Manan Raval, Umang Shah and Dr. Samir Patel have received calls for presenting of their research proposals submitted to GUJCOST. The results of the same are awaited.

By the research grant application of Dr. Gayatri Patel, GUJCOST Sanctioned Rs. 5,00,000/- (Rupees five lakhs only) for GUJCOST Minor Research Project grant for the proposal " **Preparation and evaluation of Biodegradable in situ gel forming injectable controlled drug delivery system based on thermoresponsive methyl cellulose hydrogel**" for two years time period.

By the research grant application of Dr. Samir G. Patel, Minor Research project titled " Development And Validation of Stability Indicating Chromatographic Methods (Accelerated and Real Time Stability Study) for Identification of Some Herbal Formulations Used in CNS Disorder" sanctioned by Gujarat Council on Science and Technology (GUJCOST) OF Rs 4,90,000/-.

By the research grant application of Dr. Vijay Parmar and Dr. Manan Raval, Minor Research project of analysis was sanctioned by Gujarat Council on Science and Technology (GUJCOST) OF Rs 4,00,000/-.


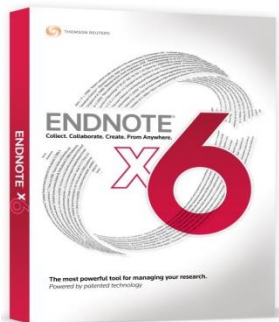
## **6. INFRASTRUCTURE AND LEARNING RESOURCES**



### **6.1 Electronic Learning Environment**

## RAMANBHAI PATEL COLLEGE OF PHARMACY, CHARUSAT

The electronic learning environment is provided to the students and faculty members through the use of about 99 Computers, 2 Interactive Pads named eBeam and 2 laptop. Individual tablet is also procured to every student to facilitate / conduction of online or open book exam type of evaluation tests.

### A List Of License Version Software Available at RPCP.

Sr. No.	Software	Applications
01	<p>Design Expert V8</p> 	<p>Design-Expert® is a software designed to optimize your product or process. It provides many powerful statistical tools, such as:</p> <ul style="list-style-type: none"> <li>✓ Two-level factorial screening designs</li> <li>✓ General factorial studies</li> <li>✓ Response surface methods (RSM)</li> <li>✓ Mixture design techniques</li> <li>✓ Combinations of process factors, mixture components, and categorical factors</li> </ul>
02	<p>EndNote X6</p> 	<ul style="list-style-type: none"> <li>✓ Search online databases, collect full-text articles and auto-complete your references.</li> <li>✓ Organize, store and mark up your research files in any way that works for you.</li> <li>✓ Our journal matching suggests the best potential journals to publish your research manuscript.</li> <li>✓ Use the built-in bibliography maker to create and format citations in 6,000+ styles.</li> <li>✓ Collaborate online within your own team and with the global research community.</li> </ul>
03	<p>Eigenvector Stand-Alone Software</p>	<p><b>Stand-alone Chemometrics Software in a point-and-click environment</b></p> <p>Solo allows the user to perform PLS, PCA and many other multivariate analyses independent of the MATLAB® environment.</p>

		<p>Solo includes the main PLS_Toolbox graphical user interfaces for quickly managing and analyzing data, authoring and applying models and interpreting results. Data can be imported from a variety of different file types and quickly assembled into convenient DataSet objects. Modeling and analyzing results is just a matter of drag-and-drop of the data to the comprehensive Analysis GUI.</p>
04	<p>White Smoke Software</p> 	<p>All-In-One English Correction Software</p> <ul style="list-style-type: none"> <li>✓ Correct your Grammar, Punctuation and even Sentence Structure</li> <li>✓ Improve your Writing Style</li> <li>✓ Use it Anywhere – Works on any computer, smartphone or tablet connected to the internet</li> <li>✓ Plagiarism checker</li> </ul>

## 6.2 Library as a Learning Resource Centre

<b>Specifications</b>	<b>Title</b>	<b>Volume</b>
Total Books	2606	7840
Addition 2015-16	101	1015
E- Books ( One year subscription)	10	100000.00
National Journals	33	81250.00
International Journals	02	159111.00
E-Journals	1	26330.00
Magazine	01	1450.00
No. of Back Volumes(2004- 2012)	-	339
CDs	-	133

In addition to the resources available in the Central Library, Institute Library houses Books and CDs, Journals and Magazines along with Online Resources. Following statistics provides an overview of the learning resources available at the Institute Library.



# Ramanbhai Patel College of Pharmacy, CHARUSAT

## 6.3 Facilities for Learning and Research

- RPCP Students have access to the Central Facilities like 40 mbps internet connectivity and Wi-Fi facility.
- The whole RPCP is equipped with large no. of CCTV cameras.
- All the faculty members have separate cabin with necessary furniture and cupboards.
- In addition to 17 UG and PG labs, 2 Computer Labs are also established with more than 40 computers of latest configurations.
- There is Conference room, huge square space for students with well grown garden for better study atmosphere.

The institute provides well furnished laboratory facilities (with sophisticated instruments). Cell culture lab is the new addition to the already existing research laboratory facilities like Instrumental lab, Sophisticated Instruments lab for Analysis, Pharmaceutical lab, Clinical Pharmacy Lab, Pharmacognosy Lab, Pharmacology Lab, and Pharmaceutical Chemistry Lab. The development of the Cell Culture laboratory would enable the conduct of cell line based assays as well as other experiments based on cell lines. Aseptic Lab is also established for Sterility testing and Microbial assay purposes. In addition, there is also the facility of Seminar Hall, Herbal garden, and CPCSEA approved Animal house.

## 6.4 New Civil work In progress/ Completed in this year

- The PG laboratory for Drug Regulatory Affairs is under planning.
- A Drug Information Center has also been established with the objective of providing accurate and rationale information on Medicines to the healthcare providers. This will also be helpful to the students as well as faculty members, pharmacists, nursing and paramedical staff.
- A temperature and humidity controlled lab is developed in the Pharmaceutics department.
- 1 IQAC (Internal Quality Assurance Cell) cabin is prepared in RPCP to facilitate all the necessary documents and records' keeping as well as for confidential functioning in a separate area.
- RPCP - Library is developed for A.C. facility for better learning process of the students.
- Herbal Garden's external pathway is in process.

# Ramanbhai Patel College of Pharmacy, CHARUSAT

## 6.5 Departmental Extension Activities

Not any

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## 7. STUDENT SUPPORT AND PROGRESSION

RPCP believes in the holistic development of the students and provides all opportunities and necessary guidance to all the students. Students, both UG and PG, are encouraged to participate in all kinds of co-curricular and extra-curricular events, organized on campus or by other institutes in Gujarat and neighboring states. This also provides them with opportunity to identify their hidden talents.

AishwaryaSaraswat and Dhaivat Joshi of final year B.Pharm had won the Youth Conclave, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.

PrashantParmar and DrashtiJadav from 3<sup>rd</sup> year B.Pharm and Raj Parmar from 1<sup>st</sup> Year B.Pharm had won the Pharma Mimic, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.

The team of Silen Patel and NiyatiVyas from Final year B.Pharm and JashKavya from 3<sup>rd</sup> Year B.Pharm was the runner up team for the MarketoBazigar, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.

The team of Vivek Patel and Umang shah from 3<sup>rd</sup> year B.Pharm was the runner up team for the Shotgun Quizzer, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.

ParthBhuva, DrashtiJadav and MirajJaha from 3<sup>rd</sup> Year B.Pharm had won Dumbcharades in Spoural'16. Vivek Patel and Priyal Patel from 3<sup>rd</sup> Year B.Pharm had won Treasure Hunt in Spoural'16.

### Sports

Team of RPCP boys comprising of AkhileshNadagouda, Sagar Patel, Jay Soni, ShubhamChakankar, Dhruvil Patel, Karan Surti, SiddharthChoksi, VarunModh and Umang Shah **won Runner up position** in **Basketball competition** held at CHARUSAT campus on 8<sup>th</sup> February 2016 in SPOURAL'16.

RPCP believes in the holistic development of the students and provides all opportunities and necessary guidance to all the students. Students, both UG and PG, are encouraged to participate in all kinds of co-

# Ramanbhai Patel College of Pharmacy, CHARUSAT

curricular and extra-curricular events, organized on campus or by other institutes in Gujarat and neighboring states. This also provides them with opportunity to identify their hidden talents.

Sagar Patel (Final Year) and Akhilesh Nadagouda (3<sup>rd</sup> Year) from RPCP participated in CHARUSAT Basketball team in West Zone Inter University Basketball (Boys) Tournament Held at R.T. M. UNIVERSITY, NAGPUR (M.P.) on 10<sup>th</sup> – 14<sup>th</sup> January, 2016.

Krunal Joshi (final year student) from RPCP has participated CHARUSAT Kabaddi team in Kabaddi tournament organized by West Zone Inter University Kabaddi Tournament Held at S.R.T.M UNIVERSITY, NANDED, (MAHARASTRA) during 15<sup>th</sup> to 18<sup>th</sup> October, 2015.

Patel Keval (First year) from RPCP has participated CHARUSAT Kabaddi team in Kabaddi tournament organized by West Zone Inter University Cricket (Boys) Tournament Held At Dr. Harisingh Gour University, Sagar (MP) during 5<sup>th</sup> – 17<sup>th</sup> January 2016.

## Participation in Competitive Examinations

**NIPER JEE 2015 Qualified Students from RPCP For M.S/ M.Tech/M.Pharm., MBA. (Pharm).**

NO	NAME OF STUDENTS	NIPER JEE ID NO	AIR
1	SIMRANDEEP RAJENDRA SINGH	500120	79
2	UPADHYAY PARTH RAJENDRAKUMAR	500131	490
3	SIJI JOHN	500119	709
4	JADEJA SIDDHARTH BHUPENDRASINH	500041	1010
5	MESHWAMITULBHAI PATEL	500061	1062

**GPAT 2016 Qualified Students from RPCP**

NO	NAME OF STUDENTS	GPAT ID NO	AIR
1	Sachi R Patel 2 <sup>nd</sup> Sem.M.PharmPharmaceutics(DRA)	1293140354	982

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## Students Participation

- 29 students from 4<sup>th</sup> Year B.Pharm had participated in various events of a national level pharma carnival 'Avalanche' 16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- 50 students from 3<sup>rd</sup> Year B.Pharm had participated in various events of a national level pharma carnival 'Avalanche' 16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- 17 students from 2<sup>nd</sup> Year B.Pharm had participated in various events of a national level pharma carnival 'Avalanche' 16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- 53 students from 1<sup>st</sup> Year B.Pharm had participated in various events of a national level pharma carnival 'Avalanche' 16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- 17 students from various branches of M.Pharm had participated in various events of a national level pharma carnival 'Avalanche' 16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- 11 students of various classes of B.Pharm and M.Pharm had participated in an inter college cricket tournament 'Pharma Battle'16, organized at Ramanbhai Patel College of Pharmacy, CHARUSAT during 16<sup>th</sup> to 19<sup>th</sup> February, 2016.
- 32 students of various classes of B.Pharm and M.Pharm had participated in an inter college badminton tournament 'Pharma Battle'16, organized at Ramanbhai Patel College of Pharmacy, CHARUSAT during 16<sup>th</sup> to 19<sup>th</sup> February, 2016.
- Darshan contractor and Sharon samkutti from 2<sup>nd</sup> Year B.Pharm had participated in 'Enigma'16, organized at Institute of Pharmacy, Nirma University on 1<sup>st</sup> and 2<sup>nd</sup> February, 2016.

## Students Achievements

## Ramanbhai Patel College of Pharmacy, CHARUSAT

- Aishwarya Saraswat and Dhaivat Joshi of final year B.Pharm had won the Youth Conclave, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- Prashant Parmar and Drashti Jadav from 3<sup>rd</sup> year B.Pharm and Raj Parmar from 1<sup>st</sup> Year B.Pharm had won the Pharma Mimic, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
- The team of Silen Patel and Niyati Vyas from Final year B.Pharm and Jash Kavya from 3<sup>rd</sup> Year B.Pharm was the runner up team for the Marketo Bazigar, and event of Avalanche'16 organized at Ramanbhai Patel College of Pharmacy, CHARUSAT on 18<sup>th</sup> and 19<sup>th</sup> February, 2016.
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# Ramanbhai Patel College of Pharmacy, CHARUSAT

## 8. INTERNAL QUALITY ASSURANCE CELL

The Internal Quality Assurance Cell (IQAC), RPCP was constituted on 1<sup>st</sup> January, 2014 with deputation of Dr. Vijay Parmar as Co-ordinator, Dr. Samir Patel as Member and Ms. Payal Shah as Member of IQAC-RPCP.

IQAC-RPCP assisted IQAC-CHARUSAT in preparation of Self-Study Report (SSR) for CHARUSAT to be submitted to National Assessment and Accreditation Council.

Additionally, following activities were carried out:

1. Vashvik awardee, Dr. Anirban Basu, National Brain Research Center, Haryana was invited to deliver a lecture.
2. Networking with eminent scientist is initiated – Dr. Manoj Desai, Vice President, Gilead Sciences Inc., Dr. Alan Marc, Professor, University of Queensland, Australia.
3. Pharma summit was organized as a part of AVALANCHE'14 to address the current challenges to pharma graduates.
4. HR meet was organized for networking with Pharma HR.
5. One Week Faculty Development Programme on “Expectations from Teacher in Higher Education: Challenges Ahead.....” was organized for the faculty members of RPCP during 23rd June to 28th June, 2014

## 9. UNIVERSITY & INDUSTRY INTERACTION CELL

### Gala Industry Academia Meet-2015 - 10<sup>th</sup> October, 2015

CHARUSAT fosters an aspiration of being a World Class University. It strives, initially, to be in the league of Top 20 Universities at National Level. As a step towards being a World Charotar University of Science and Technology (CHARUSAT), CHARUSAT has instituted a dedicated dais called University Industry

## **Ramanbhai Patel College of Pharmacy, CHARUSAT**

Interaction Cell (UIIC). CHARUSAT-UIIC strives to systematize and catalyze the various joint activities between Industry and the University.

Keeping in mind the prime objective bringing together members of Scientific as well as Managements of various industries including a few leading entrepreneurs who could interact with the faculty members of CHARUSAT for trying to solve the Industry problems in the consultation with our faculties as well as the students who aspiring to join industry for their professional career, Gala Industry Academia Meet-2015 was organized by 'UIIC-CHARUSAT' in collaboration with Gujarat Council of Science and Technology (GUJCOST), Collabera-TACT and Sophos Cyberoam on 10<sup>th</sup> October, 2015 at CHARUSAT Campus. Dr. Neeraj Sharma, Advisor and Head, Technology Development, Transfer & Policy Research Cell, Department of Science and Technology, Government of India has been invited as the Chief Guest. The meet was graced by Dr. Narottam Sahoo, Advisor-GUJCOST and Shri Nitin Shukla MD & CEO, Hajira LNG Pvt. Ltd. The meet was presided over by Shri. Surendra Patel, President, CHARUSAT. The meet was organized under the guidance of Shri. Ashok Patel, Advisor, CHARUSAT.

With a slogan, "Showcasing Capabilities of Industrial Collaborations", the meet was attended by top executives of more than 100 various Industries such as TCS, Collabera, GESIA, iGATE, eInfochips, Elitecore, Cyberoam, L&T Technology Services Limited, GUJCOST, Amanta Healthcare Ltd., Famy Care Ltd., FTF Pharma, Sun Pharmaceutical Advance Research Center (SPARC), ABB Ltd., Jyoti Switchgears, GAIL India Ltd., Transformers & Rectifiers (I) Ltd., Electrotherm India Pvt. Ltd., Ingersoll Rand, Horizon Microtech, KHS Machinery, Schneider Electric, Alstom, Polycab Wires Ltd, GEA Process Engineering, Essar Ltd., Hitachi Systems Microclinic Pvt. Ltd., PRL, InfoStretch Corporation (India) Pvt. Ltd., IDBI FEDERAL LIFE INSURANCE CO. LTD, L&T-S&L, BISAG, Tech Mahindra. Major Organization and Associations like Federation of Gujarat Industries (FGI), Vadodara Chamber of Commerce & Industries (VCCI), Gujarat Electronics & Software Industries Association (GESIA) and many more participated in this event. More than 600 Industries were approached by UIIC for the meet and as a result of that 147 companies have given the confirmation and 114 company executives have attended the meet.

Major Research Project displayed in Exhibition were Prototype Development of Switch-Sync Simulator Demo Kit ABB, Switzerland; Development of Dynamic Reactive power compensating device for voltage control of electrical power system, GETCO; Object Shape Extraction and Boundary Mapping, GETCO;



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Availability of medicine through machine; Electric solar vehicle Mechanical Dept; CSPIT SAE Racing car; Android Based Controlled Car; Smart Trolley for Shopping Mall; Book Location Grabber; Hardware Interface in; Home Automation System MCA,CMPICA; Studies on electrical and photoelectronic properties of PbS/polymer nano composites; Development of solution-based ZnO nanostructures as light harvesters for low cost; solar photovoltaics; Novel method for detection of contamination in plant tissue culture.

'UII-Cell' has been established at CHARUSAT University with manifold aims. The primary aim is to design the curriculum in accordance with the demand of the industry. The other important aim is to provide platform to the students, Faculty Members and Industry People for exchange of ideas and information. It is important to mention here that in this year's Meet more than 100 in-house projects by student were showcased among them are Model Aircraft, Multifunctional Robot, Racing Car, and Thermoelectric Refrigerator etc. It is expected that this will motivate the students for new inventions. The exhibition was followed by a panel discussion for exchange of ideas among experts, faculty members and students. Several visiting companies were impressed by the projects and signed Memorandum of Understanding (MOU) with them to develop it better. MoU were signed during the Meet for mapping out the future exchange of ideas, resources and service. The details of MoU as under:

### INFORMATION REGARDING SIGNING OF MoU ON GALA INDUSTRY ACADEMIA MEET

Sr. No.	Assignee	Institute	Assigner	Institute	Type of MoU
1	Dr. R. H. Parikh and Dr. Samir Patel	RPCP-CHARUSAT	Mr. Bhavesh Patel	Amanta Healthcare Pvt. Ltd., Kheda	Consultancy Project

The UII- Cell serves as the single point of contact for industry related activities at CHARUSAT. The cell facilitates exchange of ideas amongst students, faculty, and the industry. By interfacing with the Industry for Guest Lectures, Leadership Talks, Competitions, Scholarships and Business conclaves, UIIC serves as the channel between Institutes and the corporate.

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## 10. Placement Cell

### On- Campus Placement

1. Pooled campus drive of Cadila Healthcare Ltd. (Zydus Group) held at Ramanbhai Patel College of Pharmacy (CHARUSAT), on July 14, 2015 for *B.Pharm and B.Sc. students* across India.

#### **Overview of Placement drive:**

49 students from 29 colleges have registered online for placement drive.

18 students (from 12 colleges) were participated in campus drive

18 students qualified in domain knowledge test

13 students were qualified in psychometric and aptitude test.

Finally, 07 students were selected after technical interview conducted by QC head and Production Head.

### Off- Campus Placement

1. During off campus drive of Alembic Pharmaceutical Limited, Vadodara

02 students of M.Pharm (QA) from our college were registered online for placement drive.

02 students were qualified in written test on 10th December 2015, Thursday. Finally, 01 students were selected after technical & HR interview conducted by Alembic Personal 2<sup>nd</sup> February 2016 (Tuesday)

Name of Student: Ms. Dipika Mohanta, M.Pharm (QA)

2. During off campus drive of Sun Pharma Industry Ltd, Vadodara

07 students of M.Pharm (QA & DRA) from our college were appeared for placement drive on 23<sup>rd</sup> February 2016. Finally, 04 students were selected after Written, technical & HR interview conducted by Company's Head on 23<sup>rd</sup> February 2016 (Tuesday) for Regulatory Affairs(Domestic)profile.

#### **Name of Students:**

Ms. BhagyashreeBhatt,M.Pharm [Pharmaceutics (Drug Regulatory Affairs)]

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Ms. BhumiLadani, M.Pharm [Pharmaceutics (Drug Regulatory Affairs)]

Ms. DipikaMohanta, M.Pharm (QA)

Ms. TanviBarot, M.Pharm (QA)

## Final Data for placement for batch 2014-15 (A.Y)

Companies Contacted for Placement: 65

Placement of Student (%):

Students	Total Students	No. of students Shows willingness for Placement	Willingness After GPAT Result*	No. of students have Received offer from industry	No. of students have joined	% Placement as per Joined	% Placement as per offer received
UG	67	06	06	06	03	50%	100%
PG	37	29	NA	27	23	79.31%	93.10%

Our students have offered and Placed in followings companies (21 Companies)

1. Ranbaxy
2. Alembic Ltd.
3. Sanofi India Ltd.
4. Amneal Pharmaceutical Ltd.
5. BarroquePharma.,
6. Pharmenza
7. AstarlSteritech Ltd.
8. Pure Chem
9. Gowrie Healthcare Ltd.
10. Torrent Research Center
11. Step Up Pharma

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12. Vovantis
13. Zota healthcare Ltd.
14. CadilaPharma Ltd.
15. Sun Pharma
16. Elysium Pharma Ltd.
17. Abott India Ltd.
18. Tata Consultancy Services ( TCS)
19. WestCoastPharmceutical works
20. Modi Antibiotic, Vatva
21. Centurion Lab, Baroda

## 11. HRDC

1. All the faculty members of RPCP has attended the 5 days workshop on “Art and Science of Counselling” of which the last batch was in October 2015.
2. All Non teaching staff members have attended the 2 days workshop on “Empowering Workforce with Efficiency and Effectiveness” in Dec 2015.

## 12. HEALTH CHECK UP PROGRAMME

The faculty members and students of UG and PG are regularly checked for health related profile by CHARUSAT Hospital. It was conducted during September 2014.

Persons	Dates
Faculty health check up (Teaching and Non-teaching staff) and UG + PG Students	06/01/2016 to 13/01/2016.

## 13. Educational Tour /Visit

## Ramanbhai Patel College of Pharmacy, CHARUSAT

The educational visits bridge the gap between what is taught in the class and the actual shop floor situation. Students of Final year B. Pharm visited Zydus Cadila Health Care Ltd., Ahmedabad and 3<sup>rd</sup> year, 4<sup>th</sup> year B. Pharm students visited Dhwani Offset Printing Pvt. Ltd., Vatva, Ahmedabad.

### B.Pharm.

Class	Visit Place	Date
4th Year B.Pharm (A.Y: 2015-16)	Zydus Cadila Health Care Ltd., Ahmedabad	23rd July, 2015
3rd& 4th Year B.Pharm (A.Y: 2015-16)	Dhwani Offset Printing Pvt. Ltd., Vatva	27th October, 2015

### Industrial Training Report of M.Pharm. Students

38 students of M. Pharm program from the five branches of specialization were allotted training sessions in 16 different Pharma Industry and Research Organizations.

#### M.Pharm (QA)

Sr.No	I.D.no	Name of Student	Pharma Company where student deputed for project or training (Name & Address)
1	14MPHQA001	Trupti Amin	Lupin Ltd, Dabhasa
2	14MPHQA002	Tanvi D. Barot	Mercury Labs
3	14MPHQA004	Dipika B. Mohanta	Mercury Labs

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## M.Pharm (PT)

Sr. No	I.D.no	Name of Student	Pharma Company where student deputed for project or training (Name & Address)
1	14MPHPT001	Ayush Desai	Umedica Ltd, Ankleshwar
2	14MPHPT002	Drashti Patel	Lupin Ltd, Dabhasa
3	14MPHPT003	Shivani Patel	Cadila Pharmaceutical Ltd., Dholka
4	14MPHPT004	Meghal Patel	Mercury Labs

## M.Pharm (Pharmaceutics DRA)

Sr.No	I.D.no	Name of Student	Organization
1	14MPHRA001	Bhagyashree D. Bhatt	Apothecon Pharmaceuticals, Pvt Ltd
2	14MPHRA002	Bhumi S. Ladani	Step Up Pharma
3	14MPHRA003	Shraddha K. Limbachiya	Mercury Labs
4	14MPHRA004	Aarti I. Patel	Mercury Labs
5	14MPHRA005	Yatra D. Patel	West Coast Pharmaceuticals Ahmedabad
6	14MPHRA006	Mayuri A. Prajapati	West Coast Pharmaceuticals Ahmedabad
7	14MPHRA008	Himali.K.Jani	Step Up Pharma
8	14MPHRA009	Bhoomi.R.Vyas	Apothecon Pharmaceuticals, Pvt Ltd
9	14MPHRA010	Sneha M. Vaghela	West Coast Pharmaceuticals Ahmedabad

## 14. COUNSELLING

For the students of UG programme, counseling sessions are structured in the time-table for personal, social and study related problems which can be solved by the faculty members of RPCP.

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## 15. Alumni Association

Data is in process.

## 16. Scholarships/Fellowships

### Scholarship

A.Y. 2014 - 2015

Government Scholarship				
Category	UG		PG	
	No. of Students	Total Amount	No. of Students	Total Amount
SC	0	0	0	0
ST	0	0	0	0
SEBC/OBC	0	0	0	0
MOMA	0	0	0	0
Other*	0	0	0	0
<b>TOTAL</b>		<b>0</b>	0	0

CHARUSAT Merit Scholarship			
UG		PG	
No. of Students	Total Amount	No. of Students	Total Amount
1	50000	NA	NA

## Ramanbhai Patel College of Pharmacy, CHARUSAT

<b>AICTE - GPAT</b>	
<b>PG</b>	
<b>No. of Students</b>	<b>Total Amount</b>
5	720000
<b>CHARUSAT - NON GPAT</b>	
<b>PG</b>	
<b>No. of Students</b>	<b>Total Amount</b>
16	892000

<b>Late Shankarbhai Chhaganbhai Patel Scholarship</b>			
<b>UG</b>		<b>PG</b>	
<b>No. of Students</b>	<b>Total Amount</b>	<b>No. of Students</b>	<b>Total Amount</b>
3	41700	NA	0



# Ramanbhai Patel College of Pharmacy, CHARUSAT

For A.Y. 2015 - 2016

Sr. No.	Id. NO.	Name of Students	Amount	Scholarship Name
1	15BPH074	Patel Shrina Pareshkumar	21000	CHAMOS Scholarship - CHAROTAR REGION - FOR GIRLS
2	15BPH038	Panjabi Manali Yogeshkumar	21000	
3	15BPH063	Patel Monali Kamleshkumar	21000	
4	15BPH076	Patel Tejashwari Suhasbhai	21000	
5	15BPH0105	Acharya Kanchi Manoj	21000	
6	15BPH0108	Patel Shivani Rakeshbhai	21000	
7	15BPH0110	Solanki Ridhdhi Narendra	21000	
8	15BPH053	Patel Jhanvi Anandrao	21000	
9	15BPH071	Patel Riddhi Kamleshbhai	21000	
10	15BPH055	Patel Krena Prafulbhai	21000	
11	15BPH043	Patel Avani Jignesh	21000	
12	15BPH066	Patel Nirali Satish	21000	
13	15BPH052	Patel Jankiben Daxeshbhai	21000	
14	15BPH069	Patel Priyaben Bhavinkumar	21000	
15	15BPH073	Patel Saloni Chaitanyakumar	21000	
16	15BPH059	Patel Manshi Kalpeshbhai	21000	
17	15BPH060	Patel Mansi Rajeshbhai	21000	
18	15BPH070	Patel Riddhi Kalpeshbhai	21000	
19	15BPH057	Patel Lipisa Shylesh	21000	
20	15BPH085	Shah Janvi Sanjaykumar	21000	
21	15BPH072	Patel Rutviben Narendrakumar	21000	

**441000**

## Ramanbhai Patel College of Pharmacy, CHARUSAT

22	12BPH012	Dhanya Christopher J	13900	Late Shankarbhai
23	14BPH059	Samkutty Sharon P.G	13900	Chhaganbhai Patel
24	NA	Kishan Baldev	13900	Scholarship

**41700**

25	12BPH069	AISHWARYA LALIT SARASWAT	25000	CHARUSAT MERIT SCHOLARSHIP (2012-13 SCHEME)
26	12BPH083	NIYATI DEVANG KUMAR VYAS	25000	
27	12BPH006	RICHA RAKESH DAVE	25000	
28	12BPH001	PRAJAKTA PRASAD AMBEYGAOKAR	22500	
29	12BPH073	VIDHI ATULKUMAR SHAH	22500	
30	12BPH068	AKSHIKA SANDEEP RAI	20000	
31	12BPH020	Ayushi Vinodbhai Manjani	20000	
32	12BPH049	NIDHI DINESHBHAI PATEL	20000	

**180000**

### Non GPAT scholarship for M.Pharm - 2015-16

No of Students	Amount
11	792000

### GPAT scholarship for M.Pharm - 2015-16

No of Students	Amount
5	100000

# Ramanbhai Patel College of Pharmacy, CHARUSAT

## Fellowship

Indian Council of Medical Research (ICMR) has sanctioned Senior Research Fellowship (SRF) of Rs. 28,000/- per month to Mr. Sanket Patel. He has been enrolled for Ph.D. Program at Faculty of Pharmacy under the guidance of Hon. Provost – CHARUSAT Dr. B. G. Patel Sir.

(Title of Research Project: Role of trough mycophenolic acid monitoring in live donor kidney.)

### List of ongoing Granted Projects

Sr. No.	Name of Investigators	Title of the Project	Amount sanctioned	Granting Agency	Status of the Project
1	Dr. Manan Raval, Principal Investigator, Ms. Kanan Gamit, Co-Investigator, Dr. Jagdish Patel, Co-Investigator	Evaluation of multicomponent Ayurveda formulation – <i>AshwagndhadiLehya*</i>	Rs. 3,60,000/-	GUJCOST	Approved and ongoing
2	Mr. Ravish Patel, Principal Investigator	Development and characterization of nano sized drug carrier microemulsion formulation	Rs. 1,80,000/-	GUJCOST	Approved and ongoing
3	Mr. Umang Shah, Principal Investigator	Design, synthesis and biological evaluation of flavonoids derivatives as potential non-steroidal inhibitors in	Rs. 6,20,000/-	GUJCOST	Approved and ongoing

## Ramanbhai Patel College of Pharmacy, CHARUSAT

		breast cancer			
4	Mr. Niraj Vyas, Principal Investigator, Dr. Manan Raval Co-Investigator	Phytochemical and pharmacological studies on isolated principles of <i>Argyreiap speciosa</i> for aphrodisiac and spermatogenic potential	Rs. 4,50,000/-	GUJCOST	Approved and ongoing
5	Dr. Jalpa Suthar Principal Investigator	Study of prevalence, risk factors and outcome of Gestational diabetes mellitus (GDM) in Antenatal	2,14,000/-	GUJCOST	Submitted, Applied
6	Ms. Avani Chokshi Principal Investigator Dr. M.T. Chhabaria Principal – LMCP Co-Investigator	Design, synthesis and evaluation of some novel lipid lowering agents.	8,05,000/-	GUJCOST	Submitted, Applied
7	Ms. Kunti Shah Principal Investigator Dr. Vijay Parmar Co-Investigator	Improvement of physicochemical properties of active pharmaceutical ingredient via solid state modification	8,30,000/-	GUJCOST	Submitted, Applied

## Ramanbhai Patel College of Pharmacy, CHARUSAT

8	Ms. Dharmang Pandya Principal Investigator Dr. Gayatri Patel Co-Investigator	Formulation development of drugs used in the treatment of Osteoporosis for bioavailability enhancement.	5,65,000/-	GUJCOST	Submitted, Applied
9	Dr. Vijay Parmar	Functionalized magnetic Nano particle for selective extraction of bio active compounds from medicinal plants	39.54.000/-	DST	Submitted, Applied
10	Dr. Vijay Parmar	Comparative evaluation of kinetic solubility and pharmacokinetic parameters of active pharmaceutical ingredients and its co-crystal forms	35.69.280/-	SERB	Submitted, Applied

### Instruments Purchased above 1 lac

HPLC with U.V., PDA, Fluorescence detector and Flash Chromatography.



# *Chandaben Mohanbhai Patel Institute of Computer Applications*

**FACULTY OF COMPUTER SCIENCE AND APPLICATIONS**

## **Institutional Annual Report**



**Year 2015-16**



## **1. General Information**

- **Background and Introduction of the Institute**

- Charotar Institute of Computer Applications (CICA) started its operations during the academic year 2002-03. Dr. M. I. Patel, a renowned industrialist and former Sheriff of Bombay, inaugurated the first Academic Session (2002 to 2003) on 12<sup>th</sup> August, 2002. The institute started with a Master of Computer Applications (MCA) programme affiliated to Gujarat University having an intake capacity of 60 seats. From the year 2009-2010, it falls under the flagship of CHARUSAT. The course is designed as per the philosophy and pedagogy of CHARUSAT. The intake capacity has also increased to 120 seats. The Governing Body of CHARUSAT has given approval to start a two year Post Graduate programme, Master of Science in Information Technology (M.Sc.(IT)) with an intake of 30 students from June 2011. Charotar Institute of Computer Applications (CICA) was rechristened as Smt. Chandaben Mohanbhai Patel Institute of Computer Applications (CMPICA) with effect from 29<sup>th</sup> December, 2011 and the Gruh Pravesh of the new building was held on June 29, 2012. In academic year 2012-13, the intake of MCA programme has been increased from 120 seats to 180 seats. Also, the intake of M.Sc.(IT). programme has been increased from 30 seats to 60 seats. The institute has given approval from AICTE to start two-year MCA Lateral entry programme with an intake of 120 students from academic year 2013-14. The institute has given approval from AICTE to start MCA dual degree programme from academic year 2014-15 with intake of 60 seats.

- **Vision/Mission of the Institute**

### **Vision**

To become a leading institution in the field of computer applications and contribute in national efforts of computerizing public systems.

### **Mission**

To produce excellent computer professionals with the ability to face future challenges.

- **Unit cost of Education**

Total Expenditure per Student is Rs. 62,000/-

## **2. Curricular Aspects**

- **Programmes Offered (with intake and approvals)**

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

Smt. Chandaben Mohanbhai Patel Institute of Computer Applications is a constituent post-graduate institution of CHARUSAT running under the flagship of Principal Dr. Atul M. Patel and it is offering four courses, which are as follows:

- Master of Computer Applications (MCA) programme – A three year full time post graduate programme with an intake of 180 students per year.
  - M.Sc.(IT). Programme – A two year full time post graduate programme with intake of 60 students per year.
  - Master of Computer Applications Lateral (MCAL) programme – A two year full time post graduate programme with an intake of 120 students per year.
  - MCA dual degree programme from academic year 2014-15 with intake of 60 seats.
  - Doctor of Philosophy (Ph.D.) Programme - Doctoral programme offered under faculty of computer science and applications on Full time / Part time basis.
- 
- **New Programmes Initiated from the Year**  
None
  - **Innovation in Curricular Design and Transaction**  
The curriculum is aimed at responding to application of computer and allied technologies to business. The curriculum is designed so as to prepare students who will be excellent professionals in industry, academia, government and entrepreneur pursuit, emphasize a competency based learning environment with excellent mentoring, teamwork and teaching aids that prepare students to accomplish their career goals. The proposed curriculum model consists of core courses, foundation courses and elective courses, which provide a depth and breadth, which enable students to translate their acquired knowledge into working knowledge. Throughout the programme, the emphasis of delivery shall be on classroom interaction, group work, business perspectives and applied projects. Also, the institute uses online software to conduct quiz and objective exam and automate the process of evaluation, avail the students with all the necessary contents through the usage of learning management system MOODLE, google classroom, video lectures, and blogs of the faculty members.
  - **Syllabus Revision and Additions of Subjects during the year**



Syllabi of courses based on choice based credit grading system were designed and approved for MCA, MCA Lateral and M.Sc.(IT) programme. Based on the faculty feedback, for MCA Lateral second year courses and MCA-Dual first year courses, the suggested changes were incorporated for the respected subject. In MCA Dual first year, CA101: Introduction to Computers, hours allocated in unit are updated with the content. CA105: Fundamental Concepts in Programming Language, hours allocated in the units are changed. CA108: Mathematical and Statistical Foundations, hours in the unit are updated with the content and a reference book “Quantitative Aptitude for Competitive Examinations, by R. S. Aggarwal, 7<sup>th</sup> the Revised Edition, S. Chad Publishing.” is added. In MCA Lateral second year, CA910: Open Source Framework, a core book” Rachel Mc Collin, Tessa Blakeley Silver: WordPress Theme Development, 3<sup>rd</sup> Edition, PACKT publishing” is added. CA911: Data Mining & Analytics, unit hours are updated with the content. CA913: Collaboration Technology, unit contents are changed.

### **3. Teaching, Learning and Evaluation**

- **Admissions**

The admissions for Master of Computer Applications (MCA) and MCA Lateral are carried out on merit basis of Common Management Admission Test (CMAT) and graduation percentage; a candidate shall have passed the qualifying examination conducted by All India Council for Technical Education (AICTE). The admissions for M.Sc.(IT) are carried out by the university, for students graduate in any science discipline or BCA with 50%. The admissions for MCA Dual are carried out by the university for the students who have passed 10+2 examination with science or general stream. The students are admitted to the institute of their choice through a central counseling conducted by the University.

The admissions for Doctor of Philosophy (Ph.D.) are carried out by conducting CHARUSAT Doctoral Entrance Test (CDET).

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

The following is the detail of Student Enrollment and its statistics:

Year	No. of Students Enrolled	Open	SC/SEBC	Mgt Quota	NRI	Branch
2015-2016	28	25	3	-	-	MCA
2015-2016	53	43	10	-	-	M.Sc.(IT)
2015-2016	193	140	53	-	-	MCA Lateral
2015-2016	91	76	15	-	-	MCA Dual

The following is the detail of boys/girls statistics:

Branch	Semester	Students		
		Female	Male	Total
MCA	I	6	22	28
MCA	III	9	30	39
MCA	V	11	42	53
M.Sc.(IT)	I	14	39	53
M.Sc.(IT)	III	18	41	59
MCA Lateral	I	73	120	193
MCA Lateral	III	73	128	201
MCA Dual	I	19	72	91
MCA Dual	III	27	40	67

- **Faculty/Staff Information including Teaching- Non-teaching staff ratio**

- The following is the detail of Teaching Staff.

Year	Professor	Associate Professor	Assistant Professor	Total
2015-2016	01	01	31	33

- The following is the detail of Non-Teaching Staff.

Year	Office Assistant	Lab Technician	Assistant Librarian	Total
2015-2016	02	01	01	04

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

- **New Appointments made in the year (Teaching and Non-teaching)**

- The following is the detail of new appointments made in Teaching Staff.

Year	Assistant Professor	Total
2015-2016	06	06

- **Teaching Learning Avenues**

- Seminars / Guest Lectures / Conferences attended by faculties outside the institute

Total no. of Seminar/Conferences Attended: 01

1. Mr. Kanu Patel, Assistant Professor

The Third International Symposium on Security in Computing and Communications (SSCC'15) at SCMS Group of Institutions, Corporate Office Campus, Prathap Nagar, Muttom, Aluva, Kochi (Ernakulam), Kerala, India during 10<sup>th</sup> - 13<sup>th</sup> August, 2015.

- Seminars / Guest Lectures / conferences conducted by faculties in other institutes

Total no. of Workshop: 01

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
POOJA VINODCHANDRA PAREKH	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015
HETALBEN PUNJABHAI PATEL	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015
DHARMENDRA TRIKAMLAL PATEL	Big Data Fundamentals	01-02-2016 to 17-02-2016
ARPIT TRIVEDI	Industrial Exposure Training	15-06-2015 to 19-06-2015
PRANAV JYOTISHBHAI VYAS	Industrial Exposure Training	15-06-2015 to 19-06-2015
SWATI PATEL	Industrial Exposure Training	01-06-2015 to 05-06-2015

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

NILAM DESAI	Industrial Exposure Training	01-06-2015 to 05-06-2015
SAUMYA PATEL	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015
SHREYA MAHIDA	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015
MANSI SHANESHWARA	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015
RUCHI KANSARA	Art and Science of Counseling at Prin. B. I. Patel Human Resource Development Center (HRDC)	24-11-2015 to 26-11-2015 And 30-11-2015, 1-12-2015

- Projects and Summer Training**

- In the year 2015-2016, 36 companies visited and 73 students got placed for joining/training. The students got placed in well-known companies like TCS, InfoStretch, Tiny ERP, e-InfoChip and many more.
- List of selected Master Degree Projects from the Departments.

CMPICA			
MCA SEMESTER VI			
Project Allocation			
Sr. No.	Student Id	Student Name	Project Title
1	13MCA025	PANDEY HEMANTKUMAR SATISHKUMAR	ERP SYSTEM
2	13MCA038	PATEL PANKILKUMAR MAHESHBHAI	WEB APPLICATION
	13MCA013	GOHEL SHRADDHABEN SHASHIKANTBHAI	
3	13MCA040	PATEL RICHABEN PARESHBHAI	WEB APPLICATION

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

4	13MCA045	SADARIYA CHARMI VRAJLAL	ONLINE VIRTUAL PERSONAL ASSISTANT
5	13MCA023	MODI PRANAYKUMAR VIJAYKUMAR	CHANNEL MANAGER ERROR HANDLING
6	13MCA021	MEHTA KRUNAL DILIPBHAI	JOB PORTAL
	13MCA047	SAIYD FAIJALALI RASHIDALI	
7	13MCA010	DADHANIYA PRIYA JAYANTILAL	JEWELLERY SITE( E-COMMERCE)
8	13MCA055	SHUKLA ISHITA KINKARBHAI	GEO-LOCATION BASED INFORMATION SYSTEM FOR ANDROID
9	13MCA004	BHABHOR KIRITKUMAR GOPALBHAI	PEST CONTROL MANAGEMENT SYSTEM
10	13MCA035	PATEL MAYURBHAI JAYENDRABHAI	WEB E-SCHOOL - SCHOOL MANAGEMENT SYSTEM
11	13MCA031	PATEL JAIMINKUMAR HASMUKHBHAI	WEB APPLICATION
	13MCA041	PATEL RIKEN BHAGUBHAI	
12	13MCA037	PATEL NIKESHKUMAR RAJNIKANT	ONLINE TOURS & TRAVELS
13	13MCA059	VASAVA ANKURKUMAR SOMABHAI	LAPTOP STORE MANAGEMENT SYSTEM
14	13MCA054	SHAIKH MOHMADUVESH SAJJAD	WEB APPLICATION
	13MCA020	MAURYA VIVEK SHYAMOO	
15	13MCA005	BHATT DISHANT RAJNIKANT	E-COMMERCE WEB SITE
16	13MCA033	PATEL KINJAL NAYANBHAI	TECHNOEDGE
17	13MCA008	CHHABHAIYA BHAVESH RAVILAL	E-AGRICULTURE
18	13MCA044	PRAJAPATI SANJAYKUMAR GOVINDBHAI	E-MUSIC
	13MCA048	SENGHANI VISHNU MAHENDRABHAI	
19	13MCA050	SHAH KATHAN GAUTAMBHAI	MAKE MY DEAL
20	13MCA011	DALAL SHREYANS NILESHKUMAR	WEB APPLICATION
21	13MCA028	PATEL DHIREN RATILAL	INVENTORY MANAGEMENT SYSTEM

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

22	13MCA022	MODI DIPENKUMAR PARESHBHAI	WEB APPLICATION
23	13MCA006	BHIKADIYA HARDIK BHAGVANBHAI	LOAN SERVICE AND EMI CALCULATION
24	13MCA009	CHHATRIWALA SAMIR BHUPENDRABHAI	WEB APPLICATION
25	13MCA001	AGRAWAL RAHUL SURESHBHAI	E-COMMERCE PORTAL
26	13MCA007	CHAUHAN AAKASH MANUBHAI	CLIENT UI
	13MCA017	KADAM DEVENDRA BALKRISHNA	
	13MCA036	PATEL MIKIR TUSHARBHAI	
27	13MCA029	PATEL DHRUVIN NAINESHBHAI	UNITED COMMUNITY B2B WEB PORTAL
	13MCA026	PATEL BHUMIKABEN RAJESHKUMAR	
28	13MCA015	ITALIYA NISHALI LABHUBHAI	ALEXA INTEGRATION TOOL
	13MCA052	SHAH PARACHI BHARATBHAI	
29	13MCA016	JOSHI PRANAV DHANANJAYKUMAR	WEB APPLICATION
	13MCA049	SHAH CHARMI SHAILESHKUMAR	
30	13MCA046	SAIYAD MOHAMMEDARBAZ MUNIRALI	ONLINE SWEET SHOP
31	13MCA002	AVAIYA RAHULKUMAR VALLABHBHAI	JOB PORTAL
32	13MCA057	SUTHAR AMIT SAREMAL	Application Lifecycle Management Tool
33	13MCA030	PATEL GAURANG KIRITBHAI	Tru Copy and Paste
34	13MCA018	KHATRI RAHUL RAMCHANDRA	FIXED ASSET MANAGEMENT SYSTEM
	13MCA058	THAKKAR MAYUR ARAVINDBHAI	
35	13MCA032	PATEL KAVALKUMAR NITINBHAI	FIXED ASSET MANAGEMENT SYSTEM
	13MCA051	SHAH MITHILESS VIJAYKUMAR	
36	13MCA056	SIBHAI JAKIR SABBIRBHAI	COMPUTER NETWORKING AND SECURITY TECHNOLOGY
37	13MCA053	SHAH RUSHABH HITESHBHAI	ALLUMINI MANAGEMENT SYSTEM
38	13MCA012	GANDHI VISHAL MUKESH	WEB APPLICATION

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

39	13MCA034	PATEL KRISHNABEN JAGDISHBHAI	MOBILE APPLICATION DEVELOPMENT
40	13MCA039	PATEL PRAGNESHKUMAR HARSHADBHAI	NGO
41	13MCA019	MACWAN AKASH JAGDISHBHAI	SITE EFFICENCY TOOL
39	13MCA034	PATEL KRISHNABEN JAGDISHBHAI	MOBILE APPLICATION DEVELOPMENT
40	13MCA039	PATEL PRAGNESHKUMAR HARSHADBHAI	NGO
41	13MCA019	MACWAN AKASH JAGDISHBHAI	SITE EFFICENCY TOOL

CMPICA			
MCA Lateral Semester IV			
Project Allocation			
Sr. No.	Student Id	Student Name	Project Title
1	14MCAL096	PATEL AKASHKUMAR DILIPBHAI	WEB APPLICATION
2	14MCAL163	RATANPARA RUCHIT SHASHIKANTBHAI	WEB APPLICATION
	14MCAL061	MAHETA PINAKKUMAR ANILBHAI	
3	14MCAL197	TAILOR BHARGAV JAYESHBHAI	TRAVEL MANAGEMENT SYSTEM
	14MCAL003	AJMERI NISARAHMAD JAMALBHAI	
4	14MCAL146	PATEL VAISHALIBEN KANTUBHAI	WEB APPLICATION
5	14MCAL109	PATEL ISHABEN ALPESHBHAI	WEB APPLICATION
	14MCAL114	PATEL JINAL RIKESHBHAI	
6	14MCAL100	PATEL BHAUMIKKUMAR RAJESHBHAI	SERVECART
7	14MCAL001	ACHARYA CHINTANKUMAR PRAKASHBHAI	RESTAURANT MANAGEMENT SYSTEM
	14MCAL017	CHAUHAN ABHISHEKKUMAR DINESHBHAI	
	14MCAL065	MANIK SHANTANU GITESH	
8	14MCAL201	THAKKAR VIBHUTI DINESHBHAI	EMPLOYEES PERFORMANCE ANALYSIS SYSTEM
	14MCAL160	RAI KIRTI ASHOKBHAI	
9	14MCAL101	PATEL BIRENKUMAR VISHNUBHAI	RTO MOBILE APP

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

	14MCAL131	PATEL NISHANT NILESHBHAI	
10	14MCAL185	SHAH PARINDA ALPESHKUMAR	REAL ESTATE PORTAL
11	14MCAL176	SATAPARA AVNI NATWARLAL	WEB APPLICATION
12	14MCAL133	PATEL PALAKBAHEN AMRUTBHAI	WEB APPLICATION
13	14MCAL195	SONI PREET DILIPBHAI	EMPLOYEE MANAGEMENT SYSTEM
	14MCAL166	RATHOD YASHRAJSINH NARENDRASINH	
14	14MCAL051	KACHHIA PARTH ATULKUMAR	WEB APPLICATION
15	14MCAL064	MALI DHARMESHKUMAR RAJESHBHAI	GTPL MOB APP
16	14MCAL186	SHAH RISHABH RAJESH	HOTEL BOOKING SYSTEM
	14MCAL123	PATEL MIRAL PRAVINBHAI	
17	14MCAL158	PRAJAPATI HARDIK GUNVANTRAI	WEB APPLICATION
	14MCAL068	MISTRY KEYURKUMAR PRAVINCHANDRA	
18	14MCAL102	PATEL BRIJESHBHAI DILIPBHAI	CMPICA ANDROID APPLICATION
	14MCAL110	PATEL JIGARKUMAR RAKESHBHAI	
	14MCAL121	PATEL MINALBAHEN MAHESHBHAI	
19	14MCAL044	JANANI CHIRAG MANOJKUMAR	SOCIAL AVTIVITY TRUST WEBSITE
20	14MCAL171	ROHIT RAVIKUMAR MULJIBHAI	SAMARPAN SITE
	14MCAL137	PATEL PRIYALBEN HARSHVARDHANBHAI	
21	14MCAL127	PATEL NIDHEE ASHOKBHAI	ACCOUNT MANAGER
22	14MCAL035	GADHAVI BIRALBEN HARSHITKUMAR	FOOD MAZA
23	14MCAL027	DESAI VISHRUTI MINESH	RESORT MANAGEMENT SYSTEM
24	14MCAL183	SHAH KUSHAL RAKESH	MAHAVIR AGENCY MANAGEMENT SYSTEM
25	14MCAL132	PATEL NISHITH UMEDBHAI	WEB PORTAL FOR ONLINE BUSINESS FOR GAMES EQUIPMENT
	14MCAL124	PATEL MITALBEN MANOJKUMAR	
	14MCAL094	PARUTHI VRUNDA MAHESHBHAI	



## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

26	14MCAL200	THAKKAR BHAUMIK VASANTBHAI	BIG DATA LOG PROCESSING
27	14MCAL215	SONI KRUSHNA	EMPLOYEE MANAGEMENT SYSTEM
	14MCAL081	PANDYA NIDHI SUNIL	
28	14MCAL165	RATHOD TRUSHAR JASHWANTSINH	ANDROID MOBILE APPLICATION
	14MCAL091	PARMAR JAYDIPSINH RAJENDRASINH	
29	14MCAL143	PATEL SAURABHKUMAR MAHESHBHAI	PHP WEB APPLICATION
	14MCAL191	SOLANKI KEVRAJSINH RAJENDRASINH	
30	14MCAL211	VYAS HARSHKUMAR HEMANTKUMAR	360° APPRAISAL SYSTEM
	14MCAL136	PATEL PRATIKKUMAR TARUNBHAI	
31	14MCAL053	KALIDINDI AHALYA SITARAMRAJU	PHARMACY MANAGEMENT SYSTEM
	14MCAL148	PATEL VINAY HITESHKUMAR	
	14MCAL152	PATEL VIVEK HITESHKUMAR	
32	14MCAL140	PATEL RIYA NITESH	VOICEPRO(AN ANDROID APPLICATION THAT ENABLES USERS TO CONTROL A PHONE WITH OWN VOICE COMMANDS)
33	14MCAL213	PATEL ANKITA GULABBHAI	EASY ACADEMICS
	14MCAL214	SULTAN NAGMA VAZIRALI	
34	14MCAL098	PATEL ANJALIBEN JAYESHBHAI	WEB APPLICATION
	14MCAL038	GANDHI EKTABEN DIPAKKUMAR	
35	14MCAL097	PATEL AMISHABEN JAGDISHBHAI	WEB APPLICATION
	14MCAL142	PATEL ROSHNIBEN DILIPBHAI	
36	14MCAL126	PATEL MONALIBEN KAMLESHBHAI	WEB APPLICATION, ANDROI D APPLICATION
	14MCAL170	ROHIT KUMARIHEMANGEENI MAGANBHAI	
37	14MCAL045	JANGIR JAYESHKUMAR SOHANLAL	WEB APPLICATION

## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

38	14MCAL062	MAHETA RACHIT RAKESHKUMAR	COLLEGE MOBILE APP
	14MCAL156	PATHAK HARSHIL VISHNUNARAYAN	
39	14MCAL016	CHAUDHARI KETANKUMAR RAMESHBHAI	PROPERTY MANAGEMENT SYSTEM
	14MCAL028	DESAI YASH RASHMINBHAI	
	14MCAL036	GAJRE SUNNY VIJAYKUMAR	
40	14MCAL139	PATEL RAVINDRAKUMAR RAMESHBHAI	ONLINE MULTIPLEX SYSTEM
	14MCAL141	PATEL ROMIT DEVENDRAKUMAR	
41	14MCAL031	DHARMADASANI AVINASH PARSOTAMBHAI	EDU-HUB - SCHOOL MANAGEMENT SYSTEM
	14MCAL117	PATEL KHYATIBEN KIRITBHAI	
42	14MCAL161	RAITHATHA DARSHANKUMAR VIPULBHAI	OPENSTORE IN MAGENTO
	14MCAL179	SHAH DEEP TARUNBHAI	
43	14MCAL058	LALJANI GIRISHKUMAR VASUDEVBHAI	SCEDEALS (ONLINE SCIENTIFIC DEALS)
	14MCAL059	LAUHAR NARESH SUKHLAL	
44	14MCAL002	AHIR JINAYKUMAR SUMANBHAI	AUCTION SITE
45	14MCAL074	NAKRANI MAYURKUMAR NANJI	MEDICAL REPOSITORY
	14MCAL207	VADHER DHIREN RASIKBHAI	
46	14MCAL128	PATEL NIDHI DINESHBHAI	FIRST MILE COURIER SERVICE
47	14MCAL122	PATEL MINISHAKUMARI KHANDUBHAI	DOCTOR'S APPOINTMENT SYSTEM
48	14MCAL041	GURJAR DHRUPABEN GHANSHYAMBHAI	ONLINE MULTIPLEX THEATER TICKET BOOKING
49	14MCAL005	ASHARA RAVI PRAKASHBHAI	MOBILE APP
50	14MCAL015	BRAHMKSHATRIYA SHIVAM PARESHBHAI	ONLINE HOME SERVICE PORTAL
51	14MCAL104	PATEL DHRUVKUMAR SHAILESHBHAI	FREELANCER OFFICE MANAGEMENT
	14MCAL107	PATEL HARSHADBHAI GIRISHBHAI	
52	14MCAL018	CHAUHAN MINESHKUMAR MANUBHAI	LABTOP STORE MANAGEMENT SYSTEM
	14MCAL106	PATEL HARDIK ARJUNBHAI	

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	14MCAL119	PATEL MEETKUMAR PARESHBHAI	
53	14MCAL024	DARBAR UTKARSH VIJAYKUMAR	FURNITURE RENTAL WEBSITE
	14MCAL071	NAI MAULIK RAGHUBHAI	
	14MCAL089	PARMAR HEMARAJ SINH CHHATRASING	
54	14MCAL085	PARMAR AKSHAY NATVARBHAI	ONLINE CLOTHING STORE
	14MCAL154	PATEL VRUSHALI SANJAYKUMAR	
55	14MCAL111	PATEL JIGENSHKUMAR MAHESHBHAI	ANDROID MOBILE APPLICATION
	14MCAL112	PATEL JIGISHABAHEN MAGANBHAI	
56	14MCAL145	PATEL URVIL SANDIPBHAI	SOCIAL MEDIA WITH ECOMMERCE
	14MCAL086	PARMAR BHUMIRAJ AJAYSINH	
57	14MCAL196	SUKHWANI JAY HIRANAND	ALLUMINI MANAGEMENT SYSTEM
58	14MCAL037	GALORIYA BHUMITKUMAR RAJESHBHAI	WEBAPPLICATION
	14MCAL189	SINHAR MAYUR NARANBHAI	
	14MCAL205	TILAVAT MAYUR ARVINDBHAI	
59	14MCAL095	PATEL AESHA RAKESHKUMAR	PATIENT TRACKING SYSTEM
	14MCAL209	VYAS DISHABEN NILESHKUMAR	
60	14MCAL090	PARMAR JAYDIP SOMABHAI	JAVA WEB APPLICATION
61	14MCAL025	DATTANI KEVAL JAGDISH	ECARD ADVANCE APPLICATION
	14MCAL049	JOSHI PRATIK ANILKUMAR	
	14MCAL203	THANKI JAY ARVIND	
62	14MCAL118	PATEL MAUSAM KAUSHIKKUMAR	ONLINE HOTEL RESERVATION SYSTEM
63	14MCAL050	JOSHI ROHIT NATHALAL	E-EXECUTIVE SUPPORT SYSTEM WITH MOBILE INTEGRATION
	14MCAL204	THANKI LIKHITA RAJENDRABHAI	
64	14MCAL162	RANPARA PRIYANK RAJENDRABHAI	PEDAGOGY CONTENT MANAGEMENT SYSTEM
65	14MCAL026	DESAI TANVI HIMANSHUBHAI	CONSTRUCTION SITE SUPPORT SYSTEM
	14MCAL155	PATEL ZALAK KIRITBHAI	

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			WITH MOBILE INTEGRATION
66	14MCAL192	SOLANKI NIRAVKUMAR JASWANTSINH	AIRLINE RESERVATION SYSTEM
	14MCAL208	VASAVA RAHULKUMAR UMEDBHAI	
67	14MCAL180	SHAH DHURVAL JATINKUMAR	BROKER MANAGEMENT SYSTEM
68	14MCAL046	JANI JAPABEN PARESHKUMAR	MOBILE APPLICATION
	14MCAL007	BELIM FAIZKHAN DAUDKHAN	
	14MCAL021	CHAWLA RITU NARESH	
69	14MCAL006	BAROT TEJALBEN NAVINBHAI	MOBILE APPLICATION
70	14MCAL135	PATEL PRADIPKUMAR ARVINDBHAI	SHOOTING GAME
71	14MCAL151	PATEL VISHALKUMAR DINESHBHAI	HR MANAGEMENT SYSTEM
	14MCAL153	PATEL VIVEKKUMAR SHANTILAL	
72	14MCAL194	SONI DIVYESH RAJENDRABHAI	WEB APPLICATION
73	14MCAL103	PATEL DARSHANA KARSANBHAI	DGVCL ONLINE WEBSITE
	14MCAL115	PATEL KAJALBEN JAYANTIBHAI	
	14MCAL116	PATEL KARISHMABEN KIRANBHAI	
74	14MCAL144	PATEL SMIT SHAILESH	RIDE CONNECT
	14MCAL150	PATEL VISHA SUDHIRBHAI	
75	14MCAL129	PATEL NIRALIBEN MAHENDRABHAI	CRIME TRACKER
76	14MCAL010	BHATT APEXA SUNILKUMAR	ONLINE RESOURCE ALLOCATION SYSTEM
77	14MCAL172	SAGOTIYA GAURAV KISHORBHAI	VEHICLE TRACKING SYSTEM
	14MCAL202	THAKRAR HARDIK VIJAYKUMAR	
78	14MCAL149	PATEL VIRALKUMAR SURESHBHAI	MOBILE APPLICATION
79	14MCAL032	DOLIA BHAVIKKUMAR MAHESHBHAI	HUMAN RESOURCE MANAGEMENT SYSTEM
80	14MCAL011	BHATT SHIVANIBEN LALITBHAI	RECRUITMENT MANAGEMENT

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	14MCAL125	PATEL MIXABEN BIMESHBHAI	
81	14MCAL043	JADHAV ANANT BHARATBHAI	ONE STEP ANDROID APPLICATION
82	14MCAL182	SHAH HARDIK NAIMESHKUMAR	EMPLOYEE DEVELOPMENT PLANT
	14MCAL199	THAKAR HARDIKBHAI JAGADISHBHAI	
83	14MCAL034	FAFAL NIVA RANABHAI	ARTLAND
84	14MCAL178	SHAH BHUMI DIPESHBHAI	ART OF GIFT PORTAL
85	14MCAL048	JOSHI BRINDA DIVYAKANTBHAI	VACATION RENTAL
86	14MCAL019	CHAUHAN VINITKUMAR JAYANTIBHAI	ONLINE MOBILE SHOP
	14MCAL089	PARMAR HEMARAJ SINH CHHATRASING	
87	14MCAL022	CHRISTEE SELWYN SUNIL	WEB APPLICATION
88	14MCAL092	PARMAR PRIYANKABEN BHARATBHAI	MOBILE APPLICATION
89	14MCAL063	MAKWANA DIP CHANDULAL	BLOOM GRAPHICS
90	14MCAL147	PATEL VIMALKUMAR VINODKUMAR	WEB BASED SOLUTION FOR CONSTRUCTION FIRM
91	14MCAL212	PAVAR SUPRIYABEN SURESHCHANDRA	WEB APPLICATION
92	14MCAL174	SANKETKUMAR HARIBHAI PATEL	SITE EFFICIENCY TOOL
93	14MCAL075	ODEDRA RITU JAYMAL	E-CERTIFICATION & ACCREDITATION SUPPORT SYSTEM
	14MCAL159	PRAJAPATI HARDIK NIMISHBHAI	
94	14MCAL164	RATHOD DHARMISHTHABA NAVNITSINH	ANGEL ONLINE SHOPPING
95	14MCAL193	SONI DHRUVI JAGDISHBHAI	FISHING GAME
96	14MCAL181	SHAH FORAM BHAVESHBHAI	MULTILEVEL MARKETING USING QR CODE
	14MCAL079	PANCHAL MONALI JITESHKUMAR	
	14MCAL120	PATEL MEHA MUKUNDBHAI	
97	14MCAL087	PARMAR BINALBEN MANUBHAI	EXPENSE TRACKING APP
98	14MCAL072	NAIR JIJO BABU	WEB APPLICATION
	14MCAL184	SHAH NEHAL VIRENDRABHAI	
99	14MCAL073	NAIR PRANAVKUMAR AJAYKUMAR	SMART CITY
	14MCAL198	TAMBOLI KANAN JAYESHBHAI	
100	14MCAL206	TRIVEDI AASTHABEN KRISHNAKANTBHAI	AUTHOR CONNECTION

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	14MCAL108	PATEL HEMANGINI NATVARLAL	
101	14MCAL004	ANJARA RAHULKUMAR BALABHAI	ONLINE BRANDING AND ECOMMERCE WEBSITE
	14MCAL009	BHATIA CHIRAGKUMAR VINODBHAI	
102	14MCAL013	BHUT SALONI CHANDULAL	WEB APPLICATION
103	14MCAL138	PATEL RAJANKUMAR VISHNUBHAI	HEALTHCARE SYSTEM
104	14MCAL054	KALOLA ANKIT TULSHIDAS	WEB APPLICATION / WEBSITE
105	14MCAL066	MARDIYA AMBRISHKUMAR JAGDISHBHAI	WEB APPLICATION / WEBSITE
106	14MCAL190	SOLANKI JAYKISHAN MANSUKH	ERP SYSTEM
	14MCAL177	SEVRA SHAILESH BACHUBHAI	
107	14MCAL082	PAREKH PRIYANK NARENDRABHAI	IDEA INNOVATOR FOR CROWDSOURCING
108	14MCAL039	GAUTAM DHIRAJKUMAR GIRISHCHANDRA	ILEARN- LEARNING AND CMS
109	14MCAL057	KHILANI TUSHAR KISHORBHAI	E-INFIRMARY
110	14MCAL029	DEVDA JAYESH RAMESH	SPARKALAND
111	14MCAL008	BHADANI JIGNESHKUMAR DHANJIBHAI	SOFTWARE SYSTEM
112	14MCAL012	BHOGAYATA RAHUL KANTILAL	WEB DEVLOPING
	14MCAL40	GURANANI AKSHAY BHAGWANDAS	
	14MCAL047	JOSHI AKASH DIPAKBHAI	
113	14MCAL134	PATEL POOJA SATISHBHAI	ONLINEEXAM4U
114	14MCAL169	RINSON SAMUEL	I-LABORTORY SUPPORT SYTEM WITH SMART PHONE APP
	14MCAL173	SAHANI KETAN RAMASHANKAR	
	14MCAL157	PRAJAPATI DIPAK RAMJIBHAI	
115	14MCAL105	PATEL DIVYESH KIRANBHAI	AMUL STORE
116	14MCAL056	KAYASTH NEEL SANJAYKUMAR	THE SALES NETWORKS
117	14MCAL055	KAPATEL PRATIKKUMAR NARAYANBHAI	WEB DEVLOPING
118	14MCAL030	DHANAVADE ROSHAN RAMESHBHAI	INVOICE APPLICATION SYSTEM
	14MCAL052	KADIA HARIGNABEN JAYENDRABHAI	
	14MCAL083	PARIKH DHWANI RAJESHBHAI	
119	14MCAL069	MOMIN AKBARALI KAMARALI	

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	14MCAL088	PARMAR BRIJESH SINH SHAIENDRASINH	TRUCKER MANAGEMENT SYSTEM
	14MCAL130	PATEL NIRAV KUMAR RATILAL	
120	14MCAL014	BHUTKA MAYUR VALJIBHAI	DEVELOP A WEB APPLICATION TO PROVIDE INFORMATION & CONTACT DETAILS OF COMPANY
121	14MCAL042	HANSORA KISHAN HITESH KUMAR	ENTERTAINMENT WEBSITE
122	14MCAL080	PANDYA KUSH SUNIL	B2B E-COMMERCE PRODUCT
123	14MCAL070	MULIYA SANJAY BHAI BHIMJIBHAI	ERP MANAGEMENT SYSTEM

CMPICA			
M.Sc.(IT) Semester IV			
Project Allocation			
Sr. No.	Student Id	Student Name	Project Title
1	14MSIT048	PUROHIT SARJAN INDRAVADANBHAI	WEB APPLICATION
	14MSIT021	MAHUDHIA KANAN RAJENDRABHAI	
2	14MSIT002	BHATIA CHANDNI AJAY	WEB APPLICATION
3	14MSIT056	TALATI PRIYANKABEN RAJESH KUMAR	NOT SPECIFIED YET
4	14MSIT029	OZA DEVANSHU AMITBHAI	WEB APPLICATION
	14MSIT032	PANDYA SMIT KAMLESH	
5	14MSIT018	KAPATEL BHAVISHA MAHENDRAKUMAR	QUALITY MANAGEMENT AND ANALYTICAL SYSTEM
6	14MSIT026	MISTRY KISHANKUMAR BHUPENDRAKUMAR	STUDY HUNGERS
7	14MSIT052	SHAH AKRUTIBEN OMPRAKASH	WEB APPLICATION
	14MSIT019	KIKANI RUCHITA BHUPATBHAI	
8	14MSIT037	PATEL DIPESH KUMAR ARVIND BHAI	ONLINE ELECTRONICS SHOP
9	14MSIT059	PATEL NISHANT RAMANBHAI	WEB APPLICATION



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10	14MSIT027	MISTRY NIRMALKUMAR ATULKUMAR	ONLINE GARMENTS MANAGEMENT
	14MSIT030	PANDYA BHARGAVKUMAR MAHENDRABHAI	
11	14MSIT003	BHIKADIYA KENA RAMANIKBHAI	WEB APPLICATION
	14MSIT020	LUMBHANI HETALI JITENDRABHAI	
12	14MSIT047	PATEL VIPALBEN AJAYKUMAR	SCHOOL RESULT MANAGEMENT SYSTEM
13	14MSIT039	PATEL JANKIBEN JAYESHBHAI	ONLINE FASHION BOUTIQUE
	14MSIT012	GANASAVA KRISHNABEN MAHESHBHAI	
14	14MSIT044	PATEL SAURABH HASMUKHBHAI	MINRAL WATER MANAGEMENT SYSTEM
15	14MSIT028	MODY AANALBEN RAJESHKUMAR	AMBULANCE MANAGEMENT SYSTEM
16	14MSIT050	RANA KISHANKUMAR RAJESHBHAI	MP+P SOLUTIONS FOR COMPLICATION
17	14MSIT017	KA.PATEL DIVYA BHUPENDRABHAI	BUYSELL.COM
	14MSIT057	THAKKAR HIRAL RAJULKUMAR	
18	14MSIT043	PATEL SAMIR AHMEDIQBAL	AMS( AUTO MOBILE SERVICE ANYWHERE)
19	14MSIT010	DESAI VATSAL SNEHAL	STUDYHUNGERS
20	14MSIT042	PATEL PRIYANKABAHEN HARVADANBHAI	ONLINE WEB PORTAL JUSTDIAL
21	14MSIT024	MANSUR MAHMMADIRSHAD NASIRKHAN	HIMALAYA MACHINES
	14MSIT054	SHAIKH MOHMEDRIYAZ RAFIKAHMAD	
22	14MSIT014	JARIWALA DIVYANG KANAIIYALAL	RECRUITMENT MANAGEMENT SYSTEM
23	14MSIT009	DAVE KRUNAL RAMESHBHAI	TRIP BUDDY
24	14MSIT051	RANA MAYANK JASHWANTBHAI	INVITO
25	14MSIT040	PATEL KRISHNA HITESHBHAI	CAMERA PLUS
26	13MSIT013	DHARMIK JAYESHBHAI PARMAR	DIGITAL ART GALLERY
	14MSIT001	BAROT RINKUBEN MANHARBHAI	
	14MSIT041	PATEL KRUNALKUMAR BHOGILAL	
27	14MSIT033	PARMAR RAHULBHAI KANTILAL	E- SHOP PORTAL
	14MSIT005	CHRISTI STIVAN MICHAEL	
28	14MSIT007	DALWADI HARSH RAJENDRABHAI	WEB APPLICATION



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29	14MSIT035	PATEL AKSHAYKUMAR MAHESHBHAI	SALES BOOSTER
30	14MSIT054	SHAIKH MOHMEDRIYAZ RAFIKAHMAD	HIMALAYA MACHINES
	14MSIT024	MANSUR MAHMMADIRSHAD NASIRKHAN	
31	14msit038	PATEL HARSH BHARATBHAI	MODULE OF ERP SYSTEM
32	14MSIT046	PATEL TARANG RAJESHBHAI	KEEP IN TOUCH
33	14MSIT034	PARMAR SAGAR SHAILESHBHAI	BASKET MAKER
34	14MSIT011	DESHMUKH VISHVATEJH ANANDRAO	WEBSITE DEVELOPMENT
35	14MSIT036	PATEL DARPIT JAYESHBHAI	MEDICAL REPRESENTATIVE
36	14MSIT005	CHRISTI STIVAN MICHAEL	E-SHOP PORTAL
	14MSIT033	PARMAR RAHULBHAI KANTILAL	
37	14MSIT053	SHAH KASHYAP PARESHBHAI	MESSAGE SERVICE MESSAGE
38	14MSIT013	GANDHI ANUJ PRASHANTKUMAR	ONLINE HOTELS RESERVATION
39	14MSIT045	PATEL SVAPNILKUMAR MAHESHBHAI	MEETING NOTE
	14MSIT058	SHAH HET HARISHKUMAR	
40	14MSIT006	DAIYA SWAROOPKUMAR ANOPKUMAR	SOCIAL WEB DIRECTORY PORTAL

- Examination Reforms implemented**

- The students were provided the exhaustive list of questions subject to be asked in final examination for all the subjects.
- The “Open Book Examination” had been conducted for the intermediate unit test in some of the subjects. The students can attempt the questions by searching it through the books during exam.
- Some of the unit tests were conducted by forming the groups of students to foster the students’ ability to work in a team.

- Evaluation (including result analysis)**

The performance of each student registered under CHARUSAT in each course is evaluated in the following manner,

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- Internal Evaluation is done by the respective faculty member(s) on the continuous assessment of students by taking Unit test, Practical test, Sessional Exam, Reviewing case study etc. for 30% of the marks for the course.
- External Evaluations is done by the University through written paper or practical test or oral test or presentation by the student or a combination of any two or more of these, for 70% of the marks for the course

Result Analysis						
Class/ Batch year	Semester	No of Students Appeared	Number of students passed			
			CGPA $\geq 7.50$	CGPA above 6.00 and below 7.50	CGPA above 5.0 and below 6.0	CGPA $\leq 5.00$
MCA-2015	I	28	11	6	6	1
	II	28	13	7	7	0
MCA -2014	III	39	15	11	7	2
	IV	39	16	16	3	4
MCA- 2013	V	53	15	14	16	08
	VI	53	13	18	14	08
MCAL -2015	I	181	81	53	23	2
	II	181	94	56	17	12
MCAL-2014	III	200	84	72	31	1
	IV	198	72	86	37	2
M.Sc.(IT) - 2015	I	54	34	8	6	0
	II	52	24	17	5	2
M.Sc.(IT) - 2014	III	51	19	15	12	0
	IV	50	19	20	17	4
MCAD-2015	I	91	41	22	5	1
	II	87	35	23	9	2
MCAD-2014	III	66	25	23	3	2
	IV	66	23	23	7	0

- **Courses in which student assessment of teachers is introduced and action taken on student feedback.**

✓ Extra sessions were conducted for the students having poor performance.

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- Students' Achievements in the year (Academic)**

✓ During the academic year following students received top three ranks.

Programme	Semester	University Rank	Student ID	Name
MCA-2013	V	I	13MCA013	GOHEL SHRADDHABEN SHASHIKANTBHAI
		II	13MCA038	PATEL PANKILKUMAR MAHESHBHAI
		III	13MCA032	PATEL KAVALKUMAR NITINBHAI
MCA-2013	VI	I	13MCA013	GOHEL SHRADDHABEN SHASHIKANTBHAI
		II	13MCA032	PATEL KAVALKUMAR NITINBHAI
		III	13MCA012	GANDHI VISHAL M
MCA-2014	III	I	14MCA017	PANDE DIXITA BHUPENDRABHAI
		II	14MCA006	GOHIL PRUTHVIRAJ SINH PANKAJ SINH
		III	14MCA037	SAIYED SABBIRAHMAD SAJIDHUSAIN
MCA-2014	IV	I	14MCA017	PANDE DIXITA BHUPENDRABHAI
		II	14MCA006	GOHIL PRUTHVIRAJ SINH PANKAJ SINH
		III	14MCA037	SAIYED SABBIRAHMAD SAJIDHUSAIN
MCA-2015	I	I	15MCA010	PANESAR PREETSINGH HARJEETSINGH
		II	15MCA021	SHAH BHAVIK VRAJESH
		III	15MCA028	PATEL PRATIK MANAHARBHAI
MCA-2015	II	I	15MCA010	PANESAR PREETSINGH HARJEETSINGH
		II	15MCA021	SHAH BHAVIK VRAJESH
		III	15MCA028	PATEL PRATIK MANAHARBHAI
MCAL-2014	III	I	14MCAL114	PATEL JINAL RIKESHBHAI
		II	14MCAL008	BHADANI JIGNESHKUMAR DHANJIBHAI
		III	14MCAL128	PATEL NIDHI DINESHBHAI
MCAL-2014	IV	I	14MCAL114	PATEL JINAL RIKESHBHAI
		II	14MCAL102	PATEL BRIJESHBHAI D
		III	14MCAL122	PATEL MINISHAKUMARI K

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MCAL-2015	I	I	15MCAL049	LALWANI RESHMA BHAGWANDAS
		II	15MCAL128	POLRA PARASKUMAR DINESHBHAI
		III	15MCAL044	KUKADIYA KARTIK NATUBHAI
MCAL-2015	II	I	15MCAL049	LALWANI RESHMA BHAGWANDAS
		II	15MCAL128	POLRA PARASKUMAR DINESHBHAI
		III	15MCAL163	SODHA MANSIBEN M
M.Sc.(IT) - 2014	III	I	14MSIT002	BHATIA CHANDNI AJAY
		II	14MSIT048	PUROHIT SARJAN INDRAVADANBHAI
		III	14MSIT021	MAHUDHIA KANAN RAJENDRABHAI
M.Sc.(IT) - 2014	IV	I	14MSIT002	BHATIA CHANDNI A
		II	14MSIT029	OZA DEVANSHU A
		III	14MSIT048	PUROHIT SARJAN I
M.Sc.(IT) - 2015	I	I	15MSIT011	GOTI VAIDIK DIPAKBHAI
		II	15MSIT012	GOYANI ELISH SURESHBHAI
		III	15MSIT006	CHOHALIYA HIRENKUMAR CHATURBHAI
M.Sc.(IT) - 2015	II	I	15MSIT011	GOTI VAIDIK DIPAKBHAI
		II	15MSIT012	GOYANI ELISH SURESHBHAI
		III	15MSIT024	PANDAV PIYUSH L
MCAD-2014	III	I	14BCA085	VISANA NIRAJ L
		II	14BCA038	PATEL DIP P
		III	14BCA015	GANDHI CHINTAN V
MCAD-2014	IV	I	14BCA085	VISANA NIRAJ L
		II	14BCA038	PATEL DIP P
		III	14BCA015	GANDHI CHINTAN V
MCAD-2015	I	I	15BCA021	KACHHIA SAVAN KAMLESHBHAI
		II	15BCA062	PATEL RADHIKA SHAIYUSHBHAI
		III	15BCA076	SAIYED LUBNA SAKIRALI
MCAD-2015	II	I	15BCA027	MANGUKIYA JENISHKUMAR K
		II	15BCA062	PATEL RADHIKA SHAIYUSHBHAI
		III	15BCA076	SAIYED LUBNA SAKIRALI

#### **4. Research, Consultancy and Extension**

✓ **Research**

- **Ph.D Programme (with detail of research scholar)**

- Total no. of research scholars registered: 22

✓ **Research Projects Sectioned/Ongoing**

**Ongoing Project**

- CHARUSAT Mobile Application funded by CHARUSAT (Total Grant: Rs. 98,500\-).

**New Projects Sectioned**

- An Expert Mobile Diagnostic & Advisory System for Supporting Prenatal Care funded by CHARUSAT (Total Grant: Rs. 1,00,000\-).
- Intelligent Network Intrusion Detection and Prevention using Machine Learning Technique funded by CHARUSAT (Total Grant: Rs. 85,000\-).

✓ **Publication**

- Research papers published in Academic Journals

The following are the journals in which papers are published.

- International Journal of Machine Learning & Cybernetics
- Neural Computing & Applications
- International Journal of Information Sciences in Techniques
- International Journal of Soft Computing, Artificial Intelligence and Applications
- Indian Journal of Science and Technology

- **Paper Presentation in conference**

**Mr. Kanu Patel, Assistant Professor**

1. *Detection and Mitigation of Android Malware Through Hybrid Approach* in Third International Symposium on Security in Computing and Communications (SSCC'15) 2015, organized by SCMS (School of Engineering and Technology) at Kochi, Kerala held during August 10-13, 2015.

- **Journal publication of papers published by Faculty Members**

**Dr. Atul Patel, Dean & Principal.**

1. *A Study on Graph Storage Database of NoSQL* in 'International Journal of Soft Computing, Artificial Intelligence and Applications (IJSCAI)'. Volume 5 – Issue 1 in February, 2016. Page No. 33-39. ISSN No. 2319-1015.

2. *Big Data Analytics: Challenges and Applications for Text, Audio, Video and Social Media Data* in 'International Journal of Soft Computing, Artificial Intelligence and Applications (IJSCAI)'. Volume 5 – Issue 1 in February, 2016. Page No. 41-51. ISSN No. 2319-1015.

**Dr. Dharmendra Patel, Associate Professor.**

1. *Study of Distance Measurement Techniques in Context to Prediction Model of Web Caching and Web Prefetching* in 'International Journal of Soft Computing, Artificial Intelligence and Applications (IJSCAI)'. Volume 5 –Issue 1 in February, 2016. Page No. 1-8. ISSN No. 2319-1015.

**Ms. Nirali Honest, Assistant Professor.**

1. *Applying Supervised Learning Techniques for Constructing Predictive Models* in 'Indian Journal of Science and Technology (INDJST)', Volume 8 –Issue 27 in October, 2015. Page No. 1-6. ISSN No.0974-6846. Impact factor: 0.27.
2. *A Survey of Bigdata Analytics* in 'International Journal of Information Sciences and Techniques (IJIST)', Volume 6 – Issue 1 in March, 2016. Page No. 35-43. ISSN No. 2249-1139.

**Dr. Sanskruti Patel, Assistant Professor and Dr. Atul Patel, Dean & Principal.**

1. *A Big Data Revolution in Health Care Sector: Opportunities, Challenges and Technological Advancements* in 'International Journal of Information Sciences and Techniques (IJIST)', Volume 6 – Issue 1 in March, 2016. Page No. 155-162. ISSN No. 2249-1139.
2. *An Experimental Study of Applying Multiclass Classifier Algorithms for Image Classification* in 'International Journal of Advanced Research in Computer Science and Software Engineering', Volume 6 - Issue 6 in June, 2016. Page No. 821-826. ISSN No. 2277 128X.

**Mr. Jaimin Undavia, Assistant Professor and Dr. Atul Patel, Dean & Principal.**

1. *Customized Prediction Model to Predict Post-Graduation Course for Graduating Students Using Decision Tree Classifier* in 'Indian Journal of Science and Technology (INDJST)', Volume 9 –Issue 12 in March, 2016. ISSN No.0974-6846. Impact factor: 0.27.

**Dr. Pritpal Singh, Assistant Professor.**

1. *High-order fuzzy-neuro-entropy integration-based expert system for time series forecasting* in 'Neural Computing & Applications', in March, 2016. Impact Factor: 1.492
2. *Rainfall and financial forecasting using fuzzy time series* in 'International Journal of Machine Learning & Cybernetics', in May, 2016. Impact Factor: 1.11.

**Mr. Pranav Vyas, Assistant Professor and Dr. Atul Patel, Dean & Principal.**

1. *A Survey on Recently Proposed Key Exchange Protocols for Mobile Environment* in 'Indian Journal of Science and Technology (INDJST)'. Volume 8 –Issue 30 in November, 2016. Page No. 1-5. ISSN No. 0974-6846. Impact factor: 0.27.

**Mr. Pranav Vyas, Assistant Professor.**

1. *Analysis of Security Requirements of Futuristic Mobile Applications* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 237-246. ISSN No. 0974-6846.

**Mr. Chirag Patel, Assistant Professor.**

1. *Novel Vehicle Number Plate Segmentation Technique in Indian Conditions* in 'Indian Journal of Science and Technology (INDJST)', Volume 6 –Issue 1 in March, 2016. Page No. 1-10. ISSN No. 0974-6846. Impact factor: 0.27

**Ms. Mubina Malik and Ms. Trisha Patel, Assistant professor.**

1. DATABASE SECURITY - ATTACKS AND CONTROL METHODS 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 175 - 183. ISSN No. 0974-6846.

**Mr. Karan Patel and Mr. Jaimin Undavia, Assistant Professor.**

1. *Internet of Things (IOT) – A New Beginnings* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 6-12. ISSN No. 0974-6846.

**Ms. Shreya Banker and Ms. Rupal Patel, Assistant Professor.**

1. *A Brief Review of Sentiment Analysis Methods* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 89-95. ISSN No. 0974-6846.

**Ms. Swati Patel and Ms. Nita Lokwani, Assistant Professor.**

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

1. *Achieving Security via Speech Recognition* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 203-210. ISSN No. 0974-6846.

### **Ms. Hetal Patel, Assistant Professor and Dr. Dharmendra Patel Associate Professor.**

1. *Survey of Android Apps for Agriculture Sector* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 61-67. ISSN No. 0974-6846. Impact factor: N/A
2. *A Comparative Study on Various Data Mining Algorithms with Special Reference to Crop Yield Prediction* in 'Indian Journal of Science and Technology (INDJST)', Volume 9(22), Page No. 1-8 in June, 2016. ISSN:0974-6846. Impact factor: 0.27

### **Ms. Mansi Bosamia, Assistant Professor and Dr. Atul Patel, Dean & Principal.**

1. *An overview of cloud computing with e-learning with its key benefits* in 'International Journal of Information Sciences in Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 1-10. ISSN No. 0974-6846.

### **Ms. Sheenal Patel and Mr. Hardik Patel, Assistant Professor.**

1. *Survey of Data Mining Techniques Used in Healthcare Domain* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 53-60. ISSN No. 0974-6846.

### **Mr. Nilay Ganatra and Ms. Rachana Patel, Assistant Professor.**

1. *Google Cloud Messaging (GCM): A Light Weight Communication Mechanism Between Client and Server on Android* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 69-79. ISSN No. 0974-6846.

### **Ms. Nilam Desai, Assistant Professor.**

1. *Mobile Cloud Computing in Business* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 197-202. ISSN No. 0974-6846.

### **Ms. Hema Patel, Assistant Professor.**

1. *Survey on Li-Fi Technology and its Application* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 97-104. ISSN No. 0974-6846.



## Smt. Chandaben Mohanbhai Patel Institute of Computer Applications

### Mr. Chirag Patel and Mr. Mahesh Gadhavi, Assistant Professor.

1. *Mobile Cloud Computing – Future of Next Generation Cloud Computing* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 231-235. ISSN No. 0974-6846.

### Mr. Tushar Mehta, Assistant Professor.

1. *Socio-Technical Collaborative Security Support System(Stcs3)* in 'International Journal of Information Sciences and Techniques (IJIST)'. Volume 6 –Issue 1 in March, 2016. Page No. 211-222. ISSN No. 0974-6846.

- **Linkage developed with National / International Academic / Research bodies**

- ✓ Research Collaboration: NIL

- **Consultancy**

- **Industrial Consultancy: 03**

Sr. No.	Organization	Common Line of Action
1	Elitecore Technologies	For Placement
2	TCS – iON	Online Examination Center
3	GESIA	Assistance in Training & Placement

- **Extension**

- **Academic Programmes Organized and Participated**

- Academic Programmes Organized
      - CMPICA had organized National Conference on Soft Computing and its Applications (NCSCA-2016) during 5<sup>th</sup> – 6<sup>th</sup> February, 2016.
    - Academic Programmes Participated
      - Mr. Arpit Trivedi, Ms. Rupal Patel, Ms. Nirali Honest, Ms. Rachana Patel, Ms. Swati Patel, Dr. Sanskruti Patel, Ms. Dhatri Raval, Ms. Mubina Malik, Ms. Shreya Mahida, Ms. Hema Patel, Ms. Trisha Patel, Ms. Hetal Patel, Ms. Sheenal Patel, Ms. Nilam Desai, Mr. Kanubhai Patel, Mr. Mahesh Gadhavi, Ms. Pooja Parekh, Mr. Pranav Vyas, Mr. Jaimin Undavia, Mr. Karan Patel, Mr. Abhilash

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Shukla participated in Workshop on Teacher Effectiveness on 7<sup>th</sup> May, 2016.

- Mr. Karan Patel, Ms. Hema Patel, Mr. Mahesh Gadhavi, Mr. Jaimin Undavia, Ms. Hetal Patel, Ms. Rupal Patel, Ms. Nirali Honest, Ms. Mubina Malik, Mr. Nilay Ganatra, Dr. Sanskruti Patel, Ms. Shreya Banker, Ms. Nilam Desai, Mr. Pranav Vyas, Ms. Trisha Patel, Ms. Nita Lokwani, Ms. Swati Patel, Ms. Rachana Patel, Ms. Sheenal Patel, Mr. Hardik R Patel, Dr. Dharmendra Patel participated in National Conference on Soft Computing and its Applications (NCSCA-2016) during 5<sup>th</sup> – 6<sup>th</sup> February, 2016.

- Seminars/Workshops conducted

Total 06 workshops were conducted in various areas

1. Mr. Abhilash Shukla, Assistant Professor, CMPICA, Changa had conducted workshop on Windows Presentation Foundation for MCA and MCAL students on 14<sup>th</sup>, March, 2016.
2. Mr. Ronak Patel, Director, Mr. Hiren Patel, Managing Director, Ms. Krupa Patel, Tutor, Mirror Institute, Nadiad had conducted workshop on Aptitude Preparation for M.Sc.(IT), MCA and MCAL students during 24<sup>th</sup> & 26<sup>th</sup> February, 2016.
3. Mr. Ronak Patel, Director, Mirror Institute, Nadiad had conducted workshop on Aptitude Preparation for M.Sc.(IT), MCA and MCAL students during 18<sup>th</sup> – 19<sup>th</sup>, August, 2015.
4. Mr. Pratap Kola, Tata Consultancy Services, Gandhinagar had conducted webinar on Codevita for M.Sc.(IT), MCA and MCAL students on 30<sup>th</sup> July, 2015.
5. Mr. Chandramauli Pathak Management and Entrepreneurship Development Consultant & Trainer and Senior Executive, Mr. Ajay Dixit an experienced Business Counselor had conducted workshop on Information of Entrepreneurship Development Cell for M.Sc.(IT), MCA, MCA Dual and MCAL students on 22<sup>nd</sup> July, 2015.

6. Mr. Urvish Pandey, HR Manager, Gujarat Region, Tata Consultancy Services, Gandhinagar had conducted seminar on Selection process of TCS for M.Sc.(IT), MCA and MCAL students on 20<sup>th</sup> July, 2015.

- **Lectures organized by the Institute/University**

- Expert Lecture on ‘ASP.NET LINQ and Code Version Control in Enterprises’ was conducted by Mr. Tejas Vaishnav, Team Lead, Cygnet Infotech Pvt. Ltd, Ahemedabad on 18<sup>th</sup> September, 2015.

- **Institute / Department Extension Activities / Community Services**

- **Community Services:**

- CMPICA had organized “Exhibition-cum-sale of student crafted materials” for social cause during IGNITE 2016 on 22<sup>nd</sup> - 23<sup>rd</sup> January, 2016, in the institute premises under the SAMARPAN initiative of the institute.
- CMPICA had organized “Kites Distribution” for social cause in the surrounding areas under the SAMARPAN initiative of the institute on 12th January, 2016.
- CMPICA had organized “Exhibition-cum- sale of various Diwali Items” for social cause during 2<sup>nd</sup> -7<sup>th</sup> November, 2015 in the institute premises under the SAMARPAN initiative of the institute.
- CMPICA students and faculty members had visited “Mukh Badhir School, Sojitra” for celebrating “Rakhi Festival” on 27<sup>th</sup> August, 2015, under the SAMARPAN initiative of the institute.

## **5. Infrastructure and learning resource**

- **Computers as Infrastructure and Learning Resources**

- In order to cope up with the demand of extended technology, all staff members have been provided with new desktops with high and latest configurations.

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- Systems are configured with Core i3 Processor, 8 GB of RAM, 500 GB HDD and with 64 Bit licensed operating system.
- **Technology up-gradation:**
  - Implementation of system for resource sharing like subject reading material, sample program implementation, question banks, etc
- **Library as Learning Resource**

We have subscribed to number of online journals for students and faculty members to access papers from these journals. We have subscriptions for IEEE and Elsevier publication's journals online.

We have 700+ CDs with tutorials and animations which are made available to students and faculties on request
- **Improvements in the Library Services**
  - New racks were purchased for books.
  - Number of computers with internet facility was increased with increase in demand.
  - Computers were upgraded with better hardware.
- **New Books/Journals Subscribed and their Values**

During this year we purchased 967 books for cost of Rs. 4,33,279. We have subscription to 14 different journals for cost of Rs. 84,550. We have subscription to 14 technology and competitive exams related magazines for cost of Rs. 57,853. In total we have spent Rs. 5,75,682 for acquiring these resources.

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- **Central Facilities**

- LAN internet facility with bandwidth of 200MBPS 24X7
- Wi-Fi Internet facility with bandwidth of 40 MBPS 24X7

- **Infrastructure in Postgraduate Centers/Departments**

- The institute has state of the art infrastructure including well equipped class rooms, computers labs, faculty rooms, library with reading space, etc. 8 classrooms, 09 labs, 1 auditorium, 1 girls rest room and 1 boys rest room has been constructed at CMPICA building.

- **Increase in the Infrastructure Facilities**

**Board Room:**

- New board room has been developed with fully equipped infrastructure, multimedia projector and air conditioners.
- Board room is being used widely for the staff meeting, recruitment process, presentations, demonstration etc.
- The established room provides better atmosphere for such activities where face to face interaction is required along with audio visual aids.

**Girls' Common Room:**

- Institute has a Girls' common room facility since its inception.
- It was available with basic facilities like mirror and other sanitations.
- Later on institute look after the increased facility and improve its utilization by providing better furniture facilities.

**Close Circuit Cameras:**

- As a high security and maintainability standards are adopted by the University, at a glance entire institute is covered under the surveillance of Close Circuit Cameras.

**TV - A digital notice board:**

- As a part of innovative practices, institute has set up a digital notice board using TV.
- It is used to update students and staff with daily activities, recent news at university/institute level and current affairs of nation as well.

## **6. Faculty Achievements**

- **Honors / Awards to the Faculty:**

- Mr. Nilay Ganatra has successfully passed exam for certificate of “Microsoft Certified Professional” in December, 2015. Certification number: F528-5837.
- Mr. Nilay Ganatra has successfully passed for certificate of “Microsoft Certified Solutions Associate” for “SQL Server 2012” in December, 2015. Certificate number: F532-8369.
- Ms. Rachana Patel has successfully passed exam for “Oracle Certified Professional, Java SE 6 Programmer” on December, 2015.
- Dr. Dharmendra Patel has successfully completed course “Big Data Fundamentals” from Big Data University in February 2016.
- Mr. Abhilash Shukla has successfully passed exam for certificate of “Microsoft Certified Professional” in May, 2016. Certification number: F682-4136.
- Mr. Abhilash Shukla has successfully passed for certificate of “Microsoft Specialist in Programming in C#” in May, 2016. Certificate number: F682-4138

## **7. Student Support and Progression**

- **Student Achievements and Awards (Co-curricular and Extra-curricular)**

- Mitul Patel student of MCAL Semester – II had participated in the competition of “Query Cracker” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Mitul Patel and Aniruddh Jadeja student of MCAL Semester – II had participated in the competition of “IT Quiz” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Neha Patel and Dharti Patel student of MCAL Semester – II had participated in the competition of “Logo Designing” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Neha Patel, Prati Patel and Dharti Patel student of MCAL Semester – II had participated in the competition of “Where’s the mouse” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.

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- Bansi Narodia, Palak Soliya, Shruti Radia, Brinda Bathani and Ruchi Bhalodia student of MCAL Semester – II had participated in the competition of “IT Quiz” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Namrata Ladani, Mitul Patel and Aniruddh Jadeja student of MCAL Semester – II had participated in the competition of “Treasure Hunt” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Jagdish Chaudhari and Viral Patel student of MCAL Semester – II achieved First rank and awarded by Shield in the competition of “Web designing” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Roshni Dobariya and Pinal Sadivala student of MCAL Semester – II had participated in the competition of “Web designing” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- AjaySinh Zala and Samir Thakar student of MCAL Semester – II achieved Second rank and awarded by Shield and Cash prize of Rs. 200/- in the competition of “Poster Presentation” in Tech Kaushalya organized by Department of computer science rollwala computer center, Gujarat University during 10<sup>th</sup> – 11<sup>th</sup> March, 2016.
- Mitul Patel and Viral Patel student of MCAL Semester – II achieved Second rank and awarded by trophy and Cash prize of Rs. 750/- in the competition of “Quick Page” in Ignite 2016 organized by organized by CMPICA, CHARUSAT, Changa during 22<sup>nd</sup> – 23<sup>rd</sup> January, 2016.
- Pratik Patel student of MCA Semester – II achieved Second rank and awarded by trophy and Cash prize of Rs. 750/- in the competition of “Mouseless” in Ignite 2016 organized by organized by CMPICA, CHARUSAT, Changa during 22<sup>nd</sup> – 23<sup>rd</sup> January, 2016.
- Jagdish Chaudhari and Viral Patel student of MCAL Semester – I achieved First rank and awarded by Cash prize of Rs. 2000/- in the competition of “Web Clone”

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in Cognizance 2015 organized by organized by CSPIT, CHARUSAT, Changa during 14<sup>th</sup> – 15<sup>th</sup> September, 2015.

- Harsha lalvani and Heta Desai student of MCAL Semester – I had attended Workshop of “Brain & Brawn” in Cognizance 2015 organized by organized by CSPIT, CHARUSAT, Changa during 14<sup>th</sup> – 15<sup>th</sup> September, 2015.
- Mayur Patel and Mitul Patel student of MCAL Semester – I had attended Workshop of “MongoDB with Node.js and D3.js” in Cognizance 2015 organized by organized by CSPIT, CHARUSAT, Changa during 14<sup>th</sup> – 15<sup>th</sup> September, 2015.
- Bijal barot student of MCA Semester – II achieved First rank and awarded by trophy and certificate in on stage event oof “solo dancing” in “SPOURAL – 2016” organized by CHARUSAT, Changa during 9<sup>th</sup> – 11<sup>th</sup> February, 2016.
- Bijal barot student of MCA Semester – II achieved First rank and awarded by trophy and certificate in on stage event of “classical dancing” in “SPOURAL – 2016” organized by CHARUSAT, Changa during 9<sup>th</sup> – 11<sup>th</sup> February, 2016.
- Ronak Rajubhai Vhora and Hardik Tusharbhai Trivedi students of MCAL Semester – II achieved First rank and awarded by trophy and certificate in the off stage event of “Antakshri” in “SPOURAL – 2016” organized by CHARUSAT, Changa during 9<sup>th</sup> – 11<sup>th</sup> February, 2016.
- Students of MCA got second position in “Inter College Boys Cricket Tournament” in Sports activity held in February,2016.
- Students of MCA got second position in “Inter College Boys Kabaddi Tournament” in Sports activity held in February,2016.
- Students of MCA got second position in “Inter College Boys Volleyball Tournament” in Sports activity held in February,2016.
- Students of MCA got second position in “Inter College Girls Basketball Tournament” in Sports activity held in February,2016.



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- **Performance in sports activities. (Physical Education and Sports)**

- Our students had participated in Cricket, Volleyball, Football, Table tennis, Chess, Basketball and Kabbadi Following are the details:

- ✓ Inter College Cricket Boys tournament (BCA)

Sr. No	Name of Players	ID No
1	TEJAS PATEL	14BCA062
2	BHARAT TIRTHANI	14BCA082
3	NIKUNJ PATEL	15BCA057
4	JINKAL PATEL(C)	14BCA047
5	APURVA PATEL	15BCA036
6	NIKHIL PATEL	14BCA052
7	JILL PATEL	14BCA046
8	YASH PATEL	14BCA065
9	MAULIK PATEL	14BCA050
10	CHINTAN GANDHI	14BCA015
11	YASH THAKKAR	15BCA087
12	AVI SONI	14BCA076
13	PAGARE SHUBHAM	14BCA022

- ✓ Inter College Cricket Boys tournament (MCA)

Sr. No	Name of Players (As per HSC Mark sheet)	ID No
1	RAHUL BHARATBHAI SATHE(C)	14MCA030
2	HARSHILSANJAYKUMAR PATEL	15MCA013
3	RONAK RAJUBHAI VHORA	15MCAL193
4	YASH NANDKISHOR KACHHIYA	15MSIT018
5	RITESH SURESHBHAI SHAH	15MCAL154
6	JATIN HARSHADBHAI JOSHI	15MCA036
7	DIVYESH ISHVARBHAI PATEL	15MCAL092
8	BHARGAV MAYURBHAI PATEL	15MSIT029
9	NIRAVKUMAR RASIKBHAI PATEL	14MCA024
10	VISHAL SEVANTILAL PATEL	15MSIT039
11	PANKAJ PRATAPRAV ANARSE	15MSIT002
12	RAJAT JITENDRABHAI NAGORIA	15MCAL066
13	VIMAL KAMLESHBHAI PATEL	15MCA016
14	ABDUL SHAHBUDDINSAIYED	15MSIT048

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15	DEEP SHAILESHBHAI TAILOR	15MCAL175
16	JAIMIN PRADEEPKUMAR BRAHMBHATT	14MCA004

✓ Inter College Cricket Girls tournament (BCA + MCA)

Sr. No	Name of Players	ID No
1	DHARTI PATEL (C)	15MCAL088
2	CHARMI PATEL	15MCAL085
3	SHREYA PATEL	15MCAL118
4	DRASHTI PATEL	15MCAL093
5	ASHWINI DABHI	14BCA009
6	SIMRAN CHHANA	14BCA008
7	REEMA PANDEY	15MCAL072
8	NEHA PATEL	14BCA051
9	KRUPA BHATASANA	15BCA002
10	DIVYA SHAH	15BCA077
11	DEVAL DESAI	14BCA011
12	KRISHA SHAH	14BCA073
13	ROSHNI DOBARIYA	15MSIT009
14	PINAL SADIWALA	15MSIT044
15	KOMAL TIWARI	15MCAL182
16	PINAL VASAVA	15MSIT053

✓ Inter College Volleyball Boys tournament (BCA)

Sr. No	Name of Players	ID. No
1	YASH SHAILESHBHAI PATEL (C)	14BCA065
2	UMANG RAJESHBHAI PATEL	14BCA063
3	NIKHIL VINODBHAI PATEL	14BCA052
4	MAULIK RAJESHKUMAR PATEL	14BCA050
5	TEJAS PINAKINBHAI PATEL	14BCA062
6	PRUTHVI MANOJBHAI PATEL	14BCA056
7	JILL ALPESHBHAI PATEL	14BCA046
8	MOHIT SUNILBHAI KHATWANI	15BCA023
9	DIVYESH NAYANBHAI KSHATRIYA	15BCA024
10	MAYUR HARISHKUMAR PARMAR	14BCA024
11	AMITKUMAR GHANSHYAMBHAI PATEL	14BCA032

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✓ Inter Class Volleyball Boys tournament (MCA)

Sr. No	Name of Players (As per HSC Mark sheet)	ID. No
1	VIRENDRA RAJPUT	15MCAL0135
2	SHREY PATEL	15MCAL0116
3	HARSH B. PATEL (C)	15MCAL095
4	HARSH V. PATEL	15MCAL094
5	JENISH MODI	15MCAL063
6	RITESH SHAH	15MCAL0154
7	MRUNAL NATHANWALA	15MCAL068
8	DEEP TAILOR	15MCAL0175
9	PRIYANK BAROT	14MCA003

✓ Inter College Football Boys tournament (MCA)

Sr. No	Name of Players	ID. No
1	PRIYANK DALAL (C)	14BCA010
2	DHRUMIL SHAH	14BCA071
3	DIPEN PURANI	15MCA019
4	DARSHAN BOSAMIA	14BCA004
5	DHRUV PATEL	15BCA041
6	NILESH GOHIL	15MCAL026
7	ABHISHEK PATEL	14BCA030
8	VATSAL PARMAR	14BCA027
9	HARDIK PATEL	15BCA044
10	VEDANGKUMAR TRIVEDI	14BCA083
11	VISHAL PATEL	14MCA025
	NITISH PANDAY	15MCA020

✓ Inter Class Volleyball Girls tournament (MCA)

Sr. No	Name of Players	ID. No.
1	DHARTI PATEL	15MCAL088
2	PAYAL PATEL	14BCA055
3	DEVAL DESAI	14BCA011
4	PINAL SADIWALA	15MSIT044
5	ROSHNI DOBARIYA	15MSIT009
6	DRASHTI PATEL	15MCAL093
7	VISHRUTI PRAJAPATI	14BCA067

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8	ASHWINI DABHI	14BCA009
9	SHREYA PATEL	15MCAL118
10	KRUPA BHATASANA	15BCA002

✓ Inter College Basketball Girls tournament (BCA + MCA)

Sr. No	Name of Players	ID. No
1	SIMRAN MUKESH CHANNA (C)	14BCA008
2	DHRUTI HARESHBHAI MISTRY	14MCA016
3	SHERON PRADIPKUMAR PARMAR	14BCA026
4	JAINA NARENDRABHAI PATEL	14BCA042
5	KOMAL MUKESH TIWARI	15MCAL182
6	KRUPA SANJAY BHATASANA	15BCA002
	PINAL PRAVINBHAI VASAVA	15MSIT053

✓ Inter College Chess Boys tournament (MCA)

Sr. No	Name of Players	ID. No
1	Vimal Patel	15MCA016
2	Akshaykumar Lad	15MCAL046
3	Jigar Patel	15MCAL098

✓ Inter College Chess Girls tournament (BCA + MCA)

Sr. No	Name of Players	ID. No
1	Krishna Shah	14BCA073
2	Charmi Patel	15MCAL085
3	Prina Patel	15MCAL111

✓ Inter Class Table Tennis Boys tournament (MCA)

Sr. No	Name of Players	ID. No
1	YASH NANDKISHOR KACHHIYA	15MSIT018
2	RAHUL BHARATBHAI SATHE	14MCA030
3	PRASHANT BHATASANA	15MCAL007
4	NILESH GOHIL	15MCAL026

✓ Inter Class Kabbadi Boys tournament (MCA)

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Sr. No	Name of Players	ID. No
1	HARSHIL SANJAYKUMAR PATEL (C)	15MCA013
2	VIMAL VINODBHAI PATEL	14MCAL147
3	MAHESHKUMAR LAXMINARAYAN MISHRA	15MCA008
4	VIMAL KAMLESHBHAI PATEL	15MCA016
5	RACHIT RAKESHBHAI MEHTA	14MCAL062
6	RAJANKUMAR VISHNUBHAI PATEL	14MCAL138
7	SAGAR JAGDISHBHAI DIXIT	15MCAL021

- Youth Welfare and cultural activities**

- Spoural: A cultural week celebrated during 9<sup>th</sup> - 11<sup>th</sup> February, 2016. In that our students participated in various events as following:

Event	Participant Name	ID. No.
Solo Classical Dance	Bijal Barot	15MCA002
Solo Bollywood Dance	Bijal Barot	15MCA002
Group-Dance	Kartavya Goswami	15MCAL030
	Vatsal Parmar	14BCA027
	Jenish Modi	15MCAL063
	Siddharth Chhatrala	15BCA010
	Nirav Tandel	15MCAL177
	Pinal Sadiwala	15MSIT044
	Roshni Dobariya	15MSIT009
	Krupa Bhatasana	15BCA002
	Yash Metwasa	15BCA030
	Brijesh Shah	15MCA004
Singing-Solo	Ronak Rajubhai Vhora	15MCAL193
Antakshari	Ronak Rajubhai Vhora	15MCAL193
	Hardik Tusharbhai Trivedi	15MCAL184
Fashion Show	Kartavya Goswami	15MCAL030
	Jigar Patel	15MCAL098
	Jenish Modi	15MCAL063
	Siddharth Chhatrala	15BCA010
	Nilesh Gohil	15MCAL026
	Harsh Patel	15MCA095

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	Shubham Pagare	14BCA022
	Jay Prajapati	15BCA072
	Chirag Pansuriya	14MCA018
	Sanjana Patel	15MCAL114
	Shreya Patel	15MCAL118
	Riya Shastri	15MCAL159
	Brinda Bathani	15MCAL003
	Palak Soliya	15MCAL164
	Nidhi Gohil	15MCAL025
	Krupa Bhatasana	15BCA002
	Minaz Vohra	15MCA026
	Mitul Dineshbhai Patel	15MCAL107
Treasure Hunt	Anirudh Bhavsinhji Jadeja	15MCAL034
	Namrata Maganbhai Ladani	15MCAL047
Creative Painting	Nidhi UmeshBhai Gohil	15MCAL025
Documentary	Shivam Solanki	14BCA075
	Dhrumil Shah	14BCA071
	Priyank Dalal	14BCA010
	Darshan Bosamia	14BCA004
	Akshat Shah	14BCA070
	Kishan Vaja	14BCA084
	Shubham Pagare	14BCA022
	Vatsal Parmar	14BCA027
Mehendi	Nidhi UmeshBhai Gohil	15MCAL025

- IGNITE 2016: A two days technical event “IGNITE – 2016” was organized by CMPICA on 22<sup>nd</sup> – 23<sup>rd</sup> January, 2016. More than 750 participants from 50 different under graduate and post graduate colleges of Gujarat participated in that event.
- Annual Day: 14<sup>th</sup> Annual day was celebrated on 22<sup>nd</sup> January, 2016. Dr. Atul M. Patel, Dean & Principal, Faculty of Computer Science & Application presented the Annual Report of various curricular & co-curricular activities held during the past academic year.
- Agnitio 2016: An event “Agnitio 2016 - Time To Show Your Talent” was organized by CMPICA on 25<sup>th</sup> January, 2016. More than 600 participants from 21 different schools of Commerce and Science stream had participated in this event.

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

- Orientation programme: One week Orientation programme was celebrated from 1<sup>st</sup> July, 2015 to 7<sup>th</sup> July, 2015 for the 1<sup>st</sup> Semester students of BCA and M.Sc.(IT). From 3<sup>rd</sup> August, 2015 to 5<sup>th</sup> August, 2015 for the 1<sup>st</sup> Semester students of MCA and MCAL.
- Endowment Chair: An expert talk on “Let’s invade the corporate world” of Mr. Nandak Pandya, Corporate Trainer was organized on 14<sup>th</sup> April, 2016 under the Endowment Chair entitled as “TECHTONIC”.

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

- **Alumni Association**

- There are 863 Alumni associated with CMPICA from the year 2002 to 2016

- **Financial Aid to students – Scholarship/Fellowship etc.**

The following is the detail of various scholarship made available to students.

<b>Scholarship Type</b>	<b>Number of Students</b>	<b>Amount (Rs.)</b>
Government	13	8,32,300/-
Chamos	46	13,15,500/-
Charusat	-	-
	<b><u>59</u></b>	<b><u>21,47,800/-</u></b>

- **Placement services provided to students – including Placement Records and Activities**

- In this academic year, various training and placement activities were carried out for the students that includes Mock aptitude test, Mock interview, Expert Sessions, Pre-placement talk, Campus Drive etc. In this academic year 36 companies visited CMPICA. Total 73 students were selected among them 48 students from MCA Lateral, 10 students from MCA and 15 students from M.Sc.(IT) were selected and got placed. Our students got placed in well-known companies like TCS, InfoStretch, Tiny ERP, e-InfoChip and many more.

## **8. Other Distinct Practices**

- **Feedback from stakeholders**

- Feedback from Alumni

Alumni Members feels that CMPICA (formerly known as CICA) plays a very important role in their career development. The faculty and management have been very supportive, nourishing the students with technology knowledge and also help them getting placed at different job positions in the industry. They gave their valuable suggestions for the growth and development of CMPICA.

- Feedback from Parents



## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

Parent's meeting was organized on 27<sup>th</sup> February, 2016, where MCA Semester II and IV, MCA Lateral Semester II, M.Sc. (IT) Semester II, BCA-IV and BCA-II student's parents were given information regarding their ward's performance and attendance. Interactive sessions with parents was organized and discuss various key issues related to academic and then students with their parents were proceed for one to one faculty interaction for performance and attendance details. Total 200 students came with their parents. Parents were fully satisfied with the current system.

- **E-Governance (Computerization of administration and the process of admission and examination result, issues of certificates)**

- The institute uses E-Governance for different purpose such as Student Enrollment, Admission, Employee Recruitment, Leave Management, Student Attendance and Time Table Management.
- Centralized Database System merge with e-governance which allow all faculty members to manage their following listed information by e-governance credential.
  - Journal Publications
  - Conference Publications
  - Book/Chapter Publications
  - Magazine/Article Publications
  - Patents
  - Professional Services Towards Journal Publication
  - Professional Services Toward Organization of Events
  - Awards Received
  - Talks Delivered
  - Participation in Training/Events

- **Computer and Internet Access and training to teachers, Non-teaching staff and students**

- Training session of "How to use Moodle?" was organized by Mr. Mahesh Gadhavi, Lecturer, CMPICA for Faculties, Non-Teaching Staff and Students.

- **Activities of Guidance and Counseling Units**

- The guidance and counseling unit is established in the institute to provide guidance, help and counsel the students on various issues. This unit works round the year.

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

- Each student is assigned to a Faculty Counselor and Counselor is meeting with their assigned students to solve their difficulties and assist them in regarding.

- **Activities and support from the alumni association**

**Activities**

“Rendezvous“ - The CMPICA Reunion was organized on 10<sup>th</sup> October, 2015 from 03:00 pm onwards. The function was addressed by Dr. Atul Patel (Dean & Principal, CMPICA), who gave the brief overview about the Institute development to the students and appealed them to contribute in the development of the syllabi and placement of students in the future. A concise presentation was shown to the students giving details of current staff, current course structure and syllabi, glimpses of Ignite 2014 and Ignite 2015.

Nearly 150 alumni from different batches participated in the function and expressed their gratitude for the Institute and the Campus.

- **Activities and support from the Parent-Teacher association**

- Parents' meeting was organized on 27<sup>th</sup> February, 2016, where MCA Semester II and IV, MCA Lateral Semester II, M.Sc. (IT) Semester II, BCA-IV and BCA-II student's parents were given information regarding their ward's performance and attendance. Total 200 students came with their parents. Lunch was organized by the institute for students and parents.

- **Health Services**

- Health check was organized on 28<sup>th</sup> September, 2015 and 05<sup>th</sup> October, 2015, for MCA Semester I, III. Checkup included Physical checkup, dental checkup, eye checkup and Blood test. Total 57 students were assisted.
- Health check was organized on 06<sup>th</sup>, 07<sup>th</sup> & 08<sup>th</sup> October, 2015, for MCA(L) Semester I. Checkup included Physical checkup, dental checkup, eye checkup and Blood test. Total 179 students were assisted.

## **Smt. Chandaben Mohanbhai Patel Institute of Computer Applications**

- Health check was organized on 30<sup>th</sup> September, 2015 and 12<sup>th</sup> October, 2015, for M.Sc.(IT) Semester I & III. Checkup included Physical checkup, dental checkup, eye checkup and Blood test. Total 94 students were assisted.
- Health check was organized on 25<sup>th</sup> September, 2015 and 29<sup>th</sup> September, 2015, for MCA Dual Semester I & III. Checkup included Physical checkup, dental checkup, eye checkup and Blood test. Total 145 students were assisted.

Total 475 students were assisted from all branches.



# FACULTY OF APPLIED SCIENCES

## *Annual Report*



**Year: 2015-16**



# P D Patel Institute of Applied Sciences

## **Background of the Institute:**

The P D Patel Institute of Applied Sciences (PDPIAS) is one of the constellations of colleges in the CHARUSAT Campus, Changa. It was launched in the year 2007 to impart postgraduate education and conduct research in emerging areas of Applied Sciences such as, Biosciences, Physical Sciences, Chemical Sciences and Mathematical Sciences. The institute was inaugurated formally by Honourable Ex Home Minister of India, Shri L K Advani. PDPIAS has the patronage of Late Shri P D Patel, CMD, Emirates Transformer and Switchgear Ltd, Dubai. Presently, Shri Manubhai Patel, son of late Shri P.D. Patel is the patron of the institute.

## **Vision:**

To become a premier national institute imparting science education integrated with Research

## **Mission:**

To engage in education, research and spread of science for benefit of society

## **Curricular Aspects**

### **Programmes offered**

PDPIAS offers 6 PG (M.Sc.) programmes and Ph.D. Programme in areas of Biological sciences, Physical sciences and Chemical sciences. The details are as under:

#### Master Programmes

M.Sc. Biotechnology (Approved Intake 30 seats)

M.Sc. Microbiology (Approved Intake 30 seats)

**M.Sc. Biochemistry (Approved Intake 30 seats)**

M.Sc. Advanced Organic Chemistry (Approved Intake 40 seats)

M.Sc. Physics (Approved Intake: 30 seats)

Dual Degree Programme (B.Sc. + M.Sc.) in Biological sciences with specialization in Biotechnology, Microbiology and Biochemistry with intake of 120 seats

Doctorate Programmes

Ph.D. (Biotechnology, Microbiology, Biochemistry, Physics, Chemistry, Mathematics)

Innovation in curricular design and transaction

The curriculum of Dual degree programme (B.Sc. component) has been framed according to choice based credit system and is divided into three components namely core compulsory, core allied and foundation courses. The evaluation pattern adopted for Dual degree programme is based on relative grading.

The dual degree curriculum accommodates innovative teaching techniques like field study based experiments in few subjects like ecology, plant sciences and animal sciences and one to one training in skill based experiments of microbiology. The fifth semester of the B.Sc. component comprises of an in house mini project work which is an innovative component of our Dual degree programme.

Furthermore, there is a special provision for the conduction of the crash course for the students who do not make their grades above FF in any particular subject. There is also scope for improvement of grade for the students through this crash course.

The dissertation component of the M.Sc. curriculum contains several innovative features like The students are motivated and guided to conduct dissertations in such a manner that the outcome of several projects leads to paper publications in peer reviewed high impact factor journals as well as filing of national and international patents.

The students are given training/exposure to work directly in the government funded projects available with the faculties of PDPIAS.

The students are involved in learning research methodology subject in the dissertation (at the Masters' level) which is a unique feature of the Masters' curriculum of PDPIAS

### **Admissions**

Admission to Undergraduate program B. Sc. Biological Sciences and B. Sc. Physical Science

Eligibility: Candidates scoring 50 % or more (or equivalent CGPA) in 12th Science group

Admission to Post graduate program M. Sc. Biological Sciences and M. Sc. Physical Science, M. Sc. Chemical Science and M. Sc. Mathematical Science

Eligibility: Candidates scoring 50 % or more (or equivalent CGPA) in B. Sc.

Admission to Doctoral Programmes are based on the following criteria:

(a) A post-graduate (Masters) degree with at least 55% marks or equivalent CGPA and

(b) Qualified in GATE / CSIR – UGC JRF / NET / SLET or equivalent exams of similar level or CHARUSAT Doctoral Entrance Test (CDET)

However, final selection is based on an interview conducted by CHARUSAT.

## Faculty staff information

Human Resource at PDPIAS comprises of 43 (Visiting faculty) Personnel of which 33 (Visiting faculty) are Faculty members and 10 are non-teaching staff members. The institute is led by Professor R. V. Upadhyay as the Principal, PDPIAS

Branch	Prof	Asso. Prof	Asst. Prof	Teaching Assistant	Total	Ph. D	Ph. D Cont.	Non Teaching
Biological Sciences	0	0	11	0	11	16	0	06
Physical Sciences	1	0	8	0	09	9	0	00
Advanced Organic Chemistry	2	1	3	0	06	6	-	01
Mathematics	0	0	07	0	07	0	4	00
Store	-	-	-	-	-	-	-	02
Principal Office	-	-	-	-	-	-	-	01
Total	3	1	29	00	33		0	10

## Student Enrolment and its statistics

Total Number of Students (Boys / Girls - Statistics)

Admission Year	Branch/ Programme	Intake	Total		Total
			Boys	Girls	
2015-16	B.SC	120	21	99	120
	M. Sc. (AOC)	40	17	10	27
	M.Sc. (BT)	30	3	14	17
	M.Sc. (MI)	30	2	14	16
	M.Sc. (PHY)	30	7	7	14
	<b>Total</b>		<b>50</b>	<b>144</b>	<b>194</b>

## Syllabus revision and additions of subjects during the year

Following revisions made in syllabus of various department

OLD	M. Sc. BT		NEW	
BT801	Advanced genetics and Genetic Engineering		MS 801	Genetic engineering
BT802	Plant and Animal biotechnology		BT 812; BT813	Plant Biotechnology ; Animal Biotechnology
BT807	Dissertation		BT 851	Dissertation Project
	<b>M. Sc. BT</b>			
MS 801	Genetic engineering		MI801	Genetic Engineering and bioinformatics
MI 812	Environmental Biotechnology		MI803	Environmental Biotechnology
MI807	Dissertation		MI 851	Dissertation Project
	<b>M. Sc. BC</b>			
BC801	Genetic Engineering and bioinformatics		MS 801	Genetic engineering
BC803	Microbial and Plant Biochemistry		BC 814	Plant biochemistry and phytochemistry
BC802	Clinical biochemistry,		BC 813	Clinical Biochemistry
BC807	Dissertation		BC 851	Dissertation Project



## Introduction of new course

MS 802	Molecular Biology-II
MS 803	Immunology-II
MS 804	Seminar (Audit course)
MS 851	Research Methodology
MS 852	Research Project Proposal
	2015-16
MI 811	Omics technologies and Bioinformatics
MI 812	Environmental Biotechnology
BT 812	Plant Biotechnology
BT 813	Animal Biotechnology
BT 814	Advanced genetics and Forensic Biotechnology
BT 852	Developmental genetics
BT 853	Cancer biology
BT 854	Plant pathology
BT 855	Advanced bioentrepreneurship
MI802	Microbial Physiology
	Electives Group
	1. Advanced Bioprocess Technology and Biopharmaceuticals
MI804	2. Molecular Medicine
MI806	Skills for Biological Sciences I
MI 852	Quality control and assurance in industries
MI 853	Industrial waste treatment
MI 854	Microbiology based entrepreneurship
BC 811	Functional -omics and Bioinformatics
BC 812	Human physiology and Endocrinology
BC 815	Electives : Protein engineering
BC 817	Electives: Metabolic engineering
BC 852	Bioprospecting of plants and microbes
BC 853	Host microbe interactions
BC 854	Biochemistry and molecular biology of parasites
BC 855	Animal cell culture and technology

### Projects and Summer Trainings

Total 15 students of M. Sc. Biological Sciences, PDPIAS undertook the online summer training at the institute during the academic year 2015

Sr. No.	Name of the Student	Institution where project/training was conducted	Duration (Week)
1	Niki Adharyu ( 15bt001)	Unicure pvt Ltd ,vadodara (Pharmaceutical)	15Days
2	Mansi Patel (15bt013)	Ceyturian Pvt Ltd,vadodara (Pharmaceutical)	15Days
3	Hitarth Patel (15bt012)	GCRI, Ahmedabad ( Gujrat cancer reacerch institute)	1 Month
4	Moxa Patel (15bt014)	Bharat parentals LTD,Vadodara	10 Days
5	Dipav patel (15bt018)	Panchamrut dairy,Godhara	15 Days
6	Devanshi JOshi (15bt007)	Kaptas pharma,Baroda	10 Days
7	Parmar Komal (15bt011)	IAS,INSA Summer Training , TIFR- mumbai	2 months
8	Fatema Currium (15bt005)	IAS,INSA Summer Training , BHU	2 months
9	Keerthana R Nair (15mi006)	M.Memorial Hospital,Alapozha	15 Days
10	Mikisha Patel (15mi011)	Amul Dairy, Anand	1 Week
11	Monali Ghandhi (15mi004)	Bharat parentals LTD,Vadodara	10 Days
12	Mirag Mangukiya (15mi005)	Agriland Biotech,Ltd,Vadodara	10 Days
13	Ankasha (15mi016)	Agriland Biotech,Ltd,Vadodara	1 month
14	Priyanka Chandnani (14BSC004)	PDPIAS	2 weeks
15	Niyati Pandya (B Sc SemV)	Department of Radiation Biosciences, Institute of Nuclear Medicine and Allied Sciences, DRDO	2 months

### Department of Biological and Physical Sciences

Total 11 students of Biological sciences and 22 students of Physical Sciences semester IV completed their dissertation. Some of them presented posters in various conferences and published research papers

Sr. No.	Name of the Student	Title of the Project
1.	Abey M Abraham	CBD method synthesis of continuous and layer by layer deposition of FeS thin films and its analysis
2.	DigeShivangiLaxmanbhai	Monte Carlo simulation study of methane adsorption in nano-porous Metal-Organic Framework
3.	Dixit VarunkumarRajeshkumar	Design of a motion detector circuit
4.	Goyani Sukrutkumar Himmatbhai	Thermo-electric measurement of transformer oil based magnetic fluid
5.	Gulia Rashmi	Plasma production by using hollow cathode lamp and measuring I-V characteristics
6.	Kakadiya Amee Anilbhai	Understanding separation of Xe from its mixtures with Ar and Kr using nano-porous metal-organic frame work materials
7.	Korat Divyaben Laljibhai	Investigating the influence of magnetic field in magnetic fluid using thermal conductivity analyzer
8.	Kukadiya Parthkumar Laxmanbhai	WS <sub>2</sub> /Si Sandwiched Heterojunction Diode
9.	Maniya Chandreshkumar Himmatbhai	Synthesis and Optical Properties of Highly Stable Dispersions of 2D WS <sub>2</sub> Nanosheets and Flakes
10.	ParmarPayalSanatkumar	To design and construct constant current source for electromagnet
11.	Patel Bindraben Bharatbhai	To design and develop DC differential amplifier with in-built power supply
12.	Patel Chiragbhai Ashwinbhai	To design and construct electromagnet

13.	Patel Jaimini Vishnubhai	Fabrication and analysis of n-ZnS/p-Si Heterojunction Photodetector
14.	Patel Jayeshkumar Mohanbhai	Investigating the thermo-magnetic parameters of magnetic fluid
15.	Patel Tulikaben Babubhai	Characterization of soft ferrite nanoparticles
16.	Shah Hirvi Shaileshkumar	Molecular simulation study of diffusion of methane in a series of porous materials
17.	Sharma Gayatri Jitendra	Measurement of resonant frequency and vibration amplitude of ultrasonic transducer
18.	Solanki Viral Anilbhai	Molecular dynamic simulation of Liquid argon
19.	Apeksha Thakkar	Plant growth promoting and biocontrol activity of Actinobacteria sp.
20.	Yesha Patel	Extraction, Purification and application of carotenoids from <i>Peltophorumpterocarpum</i>
21.	Rohit Rathour	Chitinase activity of FA10 and its effect on egg mass of root knot nematode <i>M. incognita</i>
22.	Rinku Sahu	Cognitive mapping in <i>D.melonogaster</i>
23.	Siddhi Mali	In vitro cytotoxicity study of Trihexyl (tetradecyl) phosphoniumhexafluorophosphate ionic liquid on HPV positive and negative cervical cancer cell lines HeLa and c33a
24.	Suryakant Verma	Arachishypogaea root exudate analysis in presence of plant growth promoting <i>Pseudomonas aeruginosa</i> P4
25.	Avani Maradiya	Heterologous expression and characterization of tartrate dehydrogenase gene (ycaA) from <i>Bacillus subtilis</i> 168 in <i>E. coli</i>

26.	Shivangi Shukla	Characterization and development of bacterial exopolysaccharides as electroactive polymer
27.	DharaGadhesariya	Studies on biodegradation of caprolactam in Biofilm reactor
28.	Rahul Tadavi	Development of Bacterial Consortia for Degradation of Reactive Azo Dyes in Industrial Effluents
29.	HeenaShevaliya	Screening, isolation, media optimization of exopolysaccharide producing bacteria from curd sample

### **Academic Tours and Industrial Visits (Table(s) or Descriptive Paragraphs)**

M Sc. Biotechnology semester III students visited Arya Biotech, Santokpura, Petlad on 26th November, 2015 to see the laboratory organization of plant tissue culture, media preparation and green house along with Dr. Janki N Thakker

### **Evaluation**

#### **Evaluation System**

Evaluation System

The performance of every student in each course for university examination is evaluated as follows:

Internal evaluation by the course faculty member(s) based on Continuous assessment, for 30% of the marks for the course;

Final examination by the university through written paper or practical examination or oral examination by the student in combination of any two or more of these, for 70% of the marks of the course.

## Result Statistics

Sr. No.	Programme Details	No. Of students appeared	CGPA>7.5	CGPA (6-7.5)	CGPA (5-6)
1	<b>M.Sc. (Biotechnology)</b>				
	Semester: II	18	03	11	01
	Semester IV	08	02	04	02
2	<b>M.Sc. (Microbiology)</b>				
	Semester II	16	02	07	02
	Semester IV	02	00	02	00
3	<b>M.Sc. (Biochemistry)</b>				
	Semester IV	03	03	00	00
4	<b>M.Sc. (Advanced Organic Chemistry)</b>				
	Semester: II	26	06	11	03
	Semester IV	16	07	08	01
5	<b>M.Sc. (Physics)</b>				
	Semester: II	13	06	05	01
	Semester IV	18	05	08	03

## Academic Support Student Activities

Students' achievements and awards (Gold medal and rank etc.)

## P. D. Patel Institute of Applied Sciences

### Rankers of Examination MSc

Sr. No.	Semester	ID No.	Name	SGPA
	<b>M. Sc. (AOC)</b>			

1.	Sem. 2	14AOC003	MAHIDA MONICA MAHESHBHAI	9,64
2.	Sem. 2	14AOC014	RAMI JANKIBEN BHARATBHAI	9,41
3.	Sem. 2	14AOC013	PATIL JAIMINIBEN HARISHCHANDRA	8,95
1.	Sem. 4	13AOC010	PARMAR KRAYA JOSHUA	10
2.	Sem. 4	13AOC022	PRAJAPATI PALAK PRABODHBHAI	10
3.	Sem. 4	13AOC028	PANDYA RUPALBEN MUKUNDRAY	9,59
	M. Sc. (BT)			
1.	Sem. 2	14BT005	SHUKLA SHIVANGI DHAVALKUMAR	9,04
2.	Sem. 2	14BT004	SAHU RINKU KRUSHNACHANDRA	7,63
1.	Sem. 4	13BT009	MISTRY JINAL DHIRENBHAI	9
2.	Sem. 4	13BT004	ESA GIRISHBHAI PATEL	8,96
3.	Sem. 4	13BT007	MENON ANJALI RAVINDRAN	8,96
	M. Sc. (PHY)			
1.	Sem. 2	14PHY018	SHAH HIRVI SHAILESHKUMAR	8,17
2.	Sem. 2	14PHY020	SOLANKI VIRAL ANILBHAI	8,08
3.	Sem. 2	14PHY002	DIGE SHIVANGI LAXMANBHAI	7,33
1.	Sem. 4	13PHY018	PUROHIT ZEEL PRAFULLCHANDRA	9,6
2.	Sem. 4	13PHY021	TOMAR JASVINDAR SURESH	9,28
3.	Sem. 4	13PHY002	BHATT VAIBHAVI SHAILESHKUMAR	8,96

Sr. No.	Semester	ID No.	Name	SGPA
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	<b>M. Sc. (AOC)</b>			
1.	Sem. 1	15AOC008	KACHHIYA PREXABEN RAJNIBHAI	9,82
2.	Sem. 1	15AOC025	VEGAL NIYATI KISHORBHAI	9,77
3.	Sem. 1	15AOC021	PATEL KRISHNA JANAK	9,32
1.	Sem. 3	14AOC010	PATEL UNNATI DIPAKKUMAR	9,91
2.	Sem. 3	14AOC003	MAHIDA MONICA MAHESHBHAI	9,5
3.	Sem. 3	14AOC013	PATIL JAIMINIBEN HARISHCHANDRA	9,09
4.	Sem. 3	14AOC014	RAMI JANKIBEN BHARATBHAI	9,09
	<b>M. Sc. (BT)</b>			
1.	Sem. 1	15BT005	CURRIM FATEMA MUSTAFA	9,57
2.	Sem. 1	15BT011	PARMAR KOMALBEN MANJIBHAI	8,78
3.	Sem. 1	15BT004	CHAUHAN DIXA JIVRAJ	8,09
1.	Sem. 3	14BT005	SHUKLA SHIVANGI DHAVALKUMAR	9,25
2.	Sem. 3	14BT004	SAHU RINKU KRUSHNACHANDRA	8,92
3.	Sem. 3	14BT008	VERMA SURYAKANT SHRI PYARELAL	7,67
	<b>M. Sc. (MI)</b>			
1.	Sem. 1	15MI015	SHAIKH SHABNAMBANU ABDULSATTARBHAI	8,65
2.	Sem. 1	15MI013	RATHOD POOJA ASHOKKUMAR	7,96
3.	Sem. 1	15MI009	PATEL DISHANT UTPALBHAI	7,52
	<b>M. Sc. (PHY)</b>			
1.	Sem. 1	15PHY005	CHAUDHARI VILAS PABABHAI	9,5
2.	Sem. 1	15PHY014	YADAV PARUL	8,58
3.	Sem. 1	15PHY008	NAIR JAYALAKSHMI MURALIDHARAN	8,33



1.	Sem. 3	14PHY005	GULIA RASHMI .	7,92
2.	Sem. 3	14PHY006	KAKADIYA AMEE ANILBHAI	7,84
3.	Sem. 3	14PHY002	DIGE SHIVANGI LAXMANBHAI	7,56

### **P. D. Patel Institute of Applied Sciences**

#### **Rankers of Examination BSc**

Sr. No.	Semester	ID No.	Name	SGPA
1.	Sem. 2	14BSC029	PANDYA NIYATI KAMLESH	9,59
2.	Sem. 2	14BSC004	CHANDNANI PRIYANKA HARESH	9,45
3.	Sem. 2	14BSC014	JADEJA CHAITANYARAJ JAYESHKUMAR	9,45
1.	Sem. 1	15BSC111	SHARMA SHRUTI DARSHAN	9,82
2.	Sem. 1	15BSC015	GHOSH SNEHA SRIKUMAR	9,18
3.	Sem. 1	15BSC062	PATEL MAINAVI MUKESHKUMAR	9,18
1.	Sem. 3	14BSC004	CHANDNANI PRIYANKA HARESH	9,91
2.	Sem. 3	14BSC020	KUMAWAT HIMANI KAMLESH	9,73
3.	Sem. 3	14BSC041	PATEL DHRUPAL AMITBHAI	9,64

### **Students' Achievements (Academic (Gold Medal/Rank) and Co-curricular/Extra-curricular)**

Student awarded fellowship

Sr. No.	Name of the student	Nature of achievement
1.	Shivangi Shukla	INSA summer research fellowship at M.S. University

2.	Fatema Currim	INSA summer research fellowship at Banaras Hindu University
3.	Komal Parmar	INSA summer research fellowship at TIFR
4.	Ms Niyati Pandya	IAS-INSA ellowship at INMAS, DRDO

## Placement

### On campus placement

Sr No	Name of student	Branch	Placement
1.	ParthKukadia	Physics	PLASVAC, Ahemedabad
2.	Gayatri Sharma	Physics	PLASVAC, Ahemedabad
3.	Patel Akashkumar Bharatbhai	Organic Chemistry	Piramal Health Care Ltd.
4.	Patel Hardikkumar Vinodbhai	Organic Chemistry	Krish Composite
5.	Riziya Ajay Parabatbhai	Organic Chemistry	Piramal Health Care Ltd.
6.	Patel Neel Mukeshbhai	Organic Chemistry	Sunway Pharmaceutical Pvt. Ltd
7.	ShethHitishakanubhai	Organic Chemistry	Piramal Health Care Ltd.
8.	PatilJaiminiHarishchandra	Organic Chemistry	Amneal Pharmaceutical Ltd
9.	PancholiYuvrajDilipkumar	Organic Chemistry	Apothecon Pharmaceutical pvt. Ltd
10.	Chauhan sheetallalsinh	Organic Chemistry	Creamy Biscuit
11.	Pathak vishalbabubhai	Organic Chemistry	Piramal Health Care Ltd.
12.	Desai Krishna Manasukhlal	Organic Chemistry	Amneal Pharmaceutical Ltd
13.	MahidaJayaveersinhkiritsinh	Organic Chemistry	Apicore Pharmaceutical pvt. Ltd

### Off campus placement

Sr. No.	Name of student	Branch	Placement
1	MISHRA ABHISHEK RAMCHANDRA	Biotechnology	Zydus Research Centre
2	NAIK KRUTIKA ALKESHBHAI	Biotechnology	INTAS Biopharma
3	THUMMAR NIRUPABEN MAGANBHAI	Biotechnology	Sahajanand Laser Technology
4	SAMBAR MANOHAR	Biotechnology	Science teacher
5	SHAH SIDDHI KETANKUMAR	Biotechnology	Family business
6	PATEL MAJID MOHAMMEDBHAI IBRAHIM	Biotechnology	Ph D at MSU
7	Ms. Vidhi Kalola	Biotechnology	JRF at ARIBAS
8	Ms. Chandni Patel	Biotechnology	Business

### Programs participated in (Participation)

Name of faculty	Name of program	Organized by	Duration (DD/MM/YY)
Manan Shah	“60 <sup>th</sup> DAE-BRNS Symposium on Nuclear Physics”	DAE-BRNS	07/12/2015 to 11/12/2015
Manan Shah	“DAE-BRNS 2nd Heavy Flavour Meet - 2016”	DAE-BRNS	03/02/2016 to 05/02/2016
Vyomesh Nandurbarkar	STTP	Indian Statistical Institute & Institute of Chemical Technology, Mumbai	10/02/2016-15/02/2016
Vyomesh Nandurbarkar	Art and Science of Counselling	CHARUSAT	24/11/2015, 25/11/2015, 26/11/2015, 1/12/2015, 2/12/2015

Mr. Krunal B. Kachhia	International Conference of Society for Special Functions and Applications and Symposium on Fractional Calculus and its applications to special functions	Amity University, Noida, Uttar Pradesh, India	10-12, September, 2015
Mrs Reshma Sanjhira	Teacher Effectiveness	CHARUSAT	07/05/2016
Mrs Reshma Sanjhira	Art and Science of Counselling	CHARUSAT	24/11/2015, 25/11/2015, 26/11/2015 1/12/2015 2/12/2015
Niru C. Patel	Two days workshop on “Use Of Free Open Source Software In Mathematics”	Department of Mathematics & Statistics, V.P. & R.P.T.P, Science College, Vallabh Vidyanagar	03-04 August 2015
Niru C. Patel	One week STTP on “Advances in Numerical Methods for Engineering Applications”	Department of Mechanical Engineering S.V. National Institute of Technology, Surat	30 May – 03 June 2016
Dr. Kinnari Parekh	Participated in One-Day State level Seminar organized by	IAPT, Gujarat chapter at science city, Ghandhinagar	5 <sup>th</sup> July 2015
Dr. Kinnari Parekh	Delivered two invited lectures	STAM-2015 held at SVNIT, Surat	23 <sup>rd</sup> Aug. 2015
Dr. Kinnari Parekh	Participated and Presented the research work of technical applications of magnetic fluid in GLOBAL R & D Summit exhibition	FICCI & DST, New Delhi	7-8 Dec 2015.

Dr. Kinnari Parekh Organizing (as co-PI)	two days meet on Technical Applications of Magnetic Fluid / Magnetorheological Fluids-2016 (TAMF-2016)	PDPIAS, UIIC-CHARUSAT and DST, New Delhi	22-23, Jan 2016
Dr. Anjana Kothari	A short course on Flexible Electronics	Indian Institute of Technology Kanpur	6 – 11 July 2015
Dr. Anjana Kothari (as a Member of Programme committee)	Gala Industry-Academia Meet	CHARUSAT and GUJCOST,	10 October 2015
Dr. Anjana Kothari (Visiting Scientist)	Development of layered materials for optoelectronic application	Centre for Nano and Soft Matter Sciences (CeNS), Autonomous Body, DST, Bangalore	2 November 2015 – 24 November 2015
Dr Bragadish Iyer	Indo US workshop on cell factories	IIT Bombay	18-20 March 2016
Dr. Chirayu Desai	36 <sup>th</sup> Refresher Course: Biological Sciences and Technology	UGC – Human Resource Development Centre (UGC-HRDC)	07/09/2015 to 27/09/2015

## Papers Presented

Total 8 PG students and research scholars presented their research work in State/National/International Conferences.

Name of student Ph.D. /M.Sc.	Title of paper	Conference/ Seminar name & Organized by	Durat ion
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Dweipayan Goswami (Poster Presentation)	<i>Bacillus subtilis</i> H6: A to-friendly probe acting as a nutrient with stimulator under abiotic stresses	International Symposium organized by JNU, New Delhi	10th September, 2015
Dr. A. Patel (Poster Presentation)	Antioxidant, DNA protective and cancer activity of steroids in marine <i>Micrococcus</i> O15N	International Conference on "Recent Trends in Applied Sciences: Building the Institutional and Industrial Avenues" organized by N. Patel Science College, Anand	11th – 12th September 2015
Dr. A. Patel (Poster Presentation)	Antioxidant, DNA protective and Cell dividing activity of steroids in marine <i>Micrococcus</i> <i>lyzeae</i> .	International Seminar on "Current Trends in Biological Sciences" organized by M. G. Science Institute, Ahmedabad	11th – 27th September 2015
Dr. A. Patel (Poster Presentation)	Characterization of steroid linked Nano fibers and evaluation its cell proliferation activity	National Symposium on Exploring Advances in biological Sciences" organized by PG Department of Biological Science	March, 2016
Dr. B. Patel (Poster Presentation)	<i>Cardiopsis</i> from Ambhat soil: as plant growth promoter a bio-control agent	International Symposium organized by JNU, New Delhi	10th September, 2015
Dr. B. Patel (Poster Presentation)	Isolation and characterization of <i>Cardiopsis</i> strain YM12 plant with promoting rhizobacteria (PGPR)	International Seminar on "Current Trends in Biological Sciences" organized by M. G. Science Institute, Ahmedabad	11th – 27th September 2015

ha Patel (M. Sc.) ster Presentaion)	raction, Purification and plication of Carotinoids n Acacia Species.	ional Symposium on ploring Advances in biological ences" organized by PG partment of Biological Science	March, 2016
x Chauhan (PhD) ster Presentation)	man Papillomavirus ction in Chronic vicitis: Adding Insult to Injury!	International Translational cer Research Conference, RI, Ahmedabad	ruary 04-07, 6

Academic Exchange (Expert Lectures / Sessions, Workshops etc conducted)

### Academic Programmes organized

1. **One day scientific event – Science Day 2016** was held on 27<sup>th</sup> February 2016, PDPIAS, CHARUSAT, Changa
2. Guest lecture of Dr. Nitin Bhate on “A play way method to introduce polymer and their waste management” was organized on 23<sup>rd</sup> February, 2016.
3. Guest lecture of Prof B C Das on “Search for Potential Drug Target for Effective Treatment of Cancer” was organized on 4th February, 2016.
4. The Inaugural Lecture of the S. S. Bhatnagar Lecture series of Dr. Roop Mallik on “Tiny Machines, Big Tasks” was organized on 8<sup>th</sup> and 9<sup>th</sup> January, 2016.
5. Guest lecture of Prof A. P. Mishra on “Chemistry at interphase with biology” was organized on 27th July, 2015.

### Initiatives towards faculty Development programmes

#### Development programmes for Teaching and Non-teaching staff

- The teaching and non-teaching staff of PDPIAS participates actively in the development programmes conducted by HRDC, CHARUSAT
- The teaching and non-teaching staff of PDPIAS had participated in the one week faculty training programmed on “**The art and science of counseling**” organized by HRDC, CHARUSAT in various batches.

## Awards, Recognitions and Achievements

Name of faculty	Nature of Achievements
Manan Shah	Best Thesis Award
Dr. Kinnari Parekh	Working as a reviewer for – DST-SERB <i>Journal of Chemistry</i> , Hindawi Publications <i>Numerical Heat Transfer</i> journal, Taylor & Francis Publications DAE SSP Symposium 2015 <i>International Journal of Nanoscience and Nanotechnology</i> (IJNN) <i>International Journal of Thermal Sciences</i>
Dr. Anjana Kothari	Working as reviewer for <ul style="list-style-type: none"> <li>Journal of Applied Physics, American Institute of Physics (AIP) Publ.</li> <li>Applied Physics Letters (APL) Materials, AIP Publ., USA</li> <li>Applied Surface Science, Elsevier Science Publisher, The Netherlands</li> <li>Indian National Journal of Physics, Springer, USA</li> <li>Nanoscience and Nanotechnology Letters, American Scientific Publ.</li> <li>DAE-SSPS Symposium 2016</li> <li>DST-SERB</li> </ul>
Dr. Sachin Joshi	Working as a reviewer for - Dalton Transaction (RSC) DST-SERB, DST-ECR
Dr Bragadish Iyer	Completer minor project entitled ‘Identification of culturable bacterial species present in mixed liquor of aeration tank at Deepak Nitrite Limited, GIDC-Dahej”
Dr Bragadish Iyer	Ms Dhara Desai submitted Ph.D. thesis
Hasmukh L. Gajera	Got Ph.D. Degree in Materials Science (January,2016)



Dr. Chirayu Desai	Research Project SERB, Early Career Award Approved (January 2016). Approx. 35 Lakhs
Dr. Chirayu Desai	Invited Editorial Board Member Oil & Gas Research Journal (Omics International, ISSN 2472-0518)
Dr. Chirayu Desai	Invited to Chair a Session at International Conference on Recent Trends in Applied Sciences: Building the Institutional and Industrial Avenues (ICRTAS-2015)

### Memberships

### Major Research Areas (in general)

Thrust area Faculty of Science			
Physical Sciences	Chemical Sciences	Biological Sciences	Mathematical Sciences
Synthesis and applications of nanoparticles, nanomaterial's, nanostructures	Synthetic Chemistry	Microbial Biotechnology and Environmental Biotechnology	Fractional Calculus, Fractional Order Modeling
Computational materials science	Supramolecular and Materials Chemistry	Agriculture Microbiology and Plant Biotechnology	
High Energy and Hadron Physics	Catalysis	Diseases Biology and Medical Biotechnology	Applied Mathematics, Mathematical modeling in Tribology,
	Surface active ionic liquids	Enzyme and metabolic engineering	Special Functions

### Major Research Facilities

### Other Facilities and Infrastructure

### **Central Facilities**

The research infrastructure at PDPIAS is well equipped with state-of the art facilities. These facilities are well explored by the students for constructive utilization of the time spent on the campus.

### **Infrastructure in Postgraduate Centres/Departments**

The infrastructure facilities in the Postgraduate labs are well designed and well equipped at par the need of the curriculum.

### **Increase in the Infrastructural Facilities**

A new postgraduate laboratory for M.Sc. Physics was set up in the PDPIAS premises for launching of the new programme M.Sc. Physics from June 2013. Apart from this, internal partitioning is done as and when required.

### **Knowledge Resource Centre (Books, CDs, Journals, Magazines, Online Resources etc)**

#### **Library as learning resource**

The library book collection as well as the e-journals made accessible greatly helped the students to gather updated knowledge in their respective fields.

#### **New Books/Journals subscribed and their values**

<b>No.</b>	<b>Body</b>	<b>Amount (Rs.)</b>	<b>Number of journals/book titles</b>
1	Royal Society of Chemistry (RSC)	7,94,810	29 e-journals
2	Springer	6,24,990	586 e-journals
3	Books	1,97,594	306 new titles

#### **Research, Consultancy and Extension Services**

**Patents filed:**

1. International PCT filed by Dr. Kinnari Parekh. (No. PCT/IN2015/050057).
2. Indian patent filed by Dr. Kinnari Parekh. (No. 2164/MUM/2014).

**Ph D Program**

About 58 research scholars are registered for Ph.D. programme in PDPIAS under different areas of applied sciences. The details are as given below

<b>Name of research scholar</b>	<b>Research Area</b>	<b>Tenure Completed</b>	<b>Research Supervisor</b>
Patel Vandana	Bioprocess technology	Synopsis submitted	Dr. Bragadish Iyer
Nilesh Pandey	Detection of STIs and SNP analysis of TLR4 gene in Cervicitis and Cervical cancer patients	8 semester	Dr. Neeraj Jain
Krupa Patel	Biotechnology	8 semester	Dr. Janki Thakker
Aparnathi Mansi	stem cells and microfluidics	Synopsis Submitted	Dr. Jagdish S Patel
V Dhanya	Stem cell biology	6 semester	Dr. Jagdish S Patel
Sheeba Menon	Study of weed and their effect in germination of seeds	8 semester	Dr. Janki Thakker
Bishoyi Ashokkumar	Biotechnology	Synopsis Submitted	Dr. Geetha K A
Akhani Rekha	Protein engineering	8 semester	Dr. Darshan Patel
Patel Vishal	Organic chemistry	8 semester	Prof. A. Ray
Patel Mitesh	Organic chemistry	8 semester	Dr. Vaibhav Patel
Pandya Vamangi	Hydrogel technology	Synopsis submitted	Dr. Sachin Joshi

Alex Chauhan	Detection of STIs and SNP analysis of TLR9 gene in Cervicitis and Cervical cancer patients	8 semester	Dr. Neeraj Jain
Prasad Andhare	Isolation, production, characterization and application of bacterial exopolysaccharide	8 semester	Dr. Hilor Pathak
Patel Aarti	Protein engineering	8 semester	Dr. Darshan Patel
Patel Manisha	Protein engineering	8 semester	Dr. Darshan Patel
Dhara Desai	Screening, characterization, production and evaluation of fungal xylanase for deinking of old new paper	Thesis Submitted	Dr. Bragadish Iyer
Soni Urveshkumar	Physical Science	04 semester	Dr. Rucha Desai
Zarana Laherisheth	Development and characterizations of Magnetorheological Fluids	Synopsis submitted	Prof. R. V. Upadhyay
Kinjal Trivedi	Magnetorheological Fluids	4 semester	Prof. R. V. Upadhyay
Nidhi Parikh	Biofunctionalization of Magnetic Nanoparticle For Amyloidogenic Diseases	Synopsis submitted	Dr. Kinnari Parikh
Sampark Thakkar	Organic Chemistry	8 semester	Prof. Arabido Ray
Mehdihasan Shekh	Polymer Chemistry	Thesis submitted	Prof. R. M. Patel
Vishal Patel	Polymer nano composites	8 semester	Prof. Arabido Ray
Deepak Katheriya	Organic Chemistry	6 semester	Dr. Abhishek Dadhania
Dijit Patel	Polymer Chemistry	Synopsis submitted	Prof. R. M. Patel
Mrugesh Patel	Organic Chemistry	6 semester	Dr. Kaushal Patel

Prashant Ghediya	Physics	Thesis submitted	Dr. T. K. Chaudhari
Disha Patel	HCA production by microbes	6 semester	Dr. Aditi Buch
Piyush Chudasama	Screening of phytochemicals with anti-ages and anti-diabetic effect	Synopsis submitted	Dr. Jagdish Patel
Vaishnawi Gupta	Bio-control properties of fluroscent pseudomonads	8 semester	Dr. Aditi Buch
Farhat Marchawala	Biocontrol of plant root nematodes by keratinolytic micro-organisms	5 semester	Dr. Seema Amin
Bhailal Patel	Integral Transforms	Synopsis submitted	Dr. Jyotindra Prajapati
Krunal B. Kachhia	Fractional Calculus	Synopsis submitted	Dr. Jyotindra Prajapati
Mihir Suthar	Optimization	Synopsis Submitted	Dr. Kunal Shukla
Pallav Shah	Operation Research	6 semester	Dr. Kunal Shukla
Vankhade Dhaval Ashokbhai	Solar energy	4 semester	Dr. T K Chaudhari
Kapatel Sanni Dilipbhai	Condensed Mater Physics	4 semester	Dr. C. K. Sumesh
Bhadu Gopala Ram	CSMCRI, Bhavnagar	4 semester	CSMCRI, Bhavnagar
Patidar Rajesh	CSMCRI, Bhavnagar	4 semester	CSMCRI, Bhavnagar
Parwani Kirti Dilip	Biochemistry	3 semester	Dr. Jagdish Patel
Dedania Samirkumar Ramniklal	Protein engineering	3 semester	Dr. Darshan Patel
Patel Keyur Bhupendrabhai	Plant biotechnology	3 semester	Dr. Janki Thakker

Kaingade Pankaj Mahipatrao	Biochemistry	3 semester	Dr. Jagdish Patel
Ahir Harsha Lakhabhai	Biochemistry	3 semester	Dr. Jagdish Patel
Parikh Paranjaykumar Harshadbhai	Organic chemistry	3 semester	Dr. Kaushal Patel
Timaniya Jignesh Bharatbhai	Organic chemistry	3 semester	Dr. Kaushal Patel
Patel Nirmalkumar Natvarlal	Polymer chemistry	3 semester	Dr. R M Patel
Patel Nipun Dineshchandra	Catalytic chemistry	3 semester	Dr. Abhishek Dadhania
Sutreja Hardas Raja	Nanobiotechnology	3 semester	Dr. Bragdish Iyer
Sachin Patel	Nano-magnetic fluid applications	2 semester	Dr. R V Upadhyay
Saurabh Parmar	Nano-magnetic fluid applications	2 semester	Dr. Kinnari Parekh
Sanghavi Rahul Jasvantrai	Chemical Sciences	2 semester	CSMCRI
Kholiya Faisal Usmanbhai	Chemical Sciences	2 semester	Dr.Ramavtar Meena
Polisetti Veerababu	Chemical Sciences	2 semester	Dr.Paramita Ray
Makvana Dipakkumar Dudabhai	Chemical Sciences	2 semester	Dr.H.C.Bajaj
S. Kumeresan	Chemical Sciences	1 semester	Dr.H.C.Bajaj
Laiya Ridhhiben Prafulchandra	Chemical Sciences	1 semester	Dr.P.Paul
Saxena Mayank	Chemical Sciences	1 semester	Dr.A.Bhattacharya

## New Research Projects submitted

Sr. No.	Name of Principal Investigator	Funding Agency	Amount (Rs. Lacs)
1.	Dr. Kinnari Parekh	DST-SERB	50.62
2.	Dr. Kinnari Parekh	DST Nano Mission	37.25
3.	Dr. Anjana Kothari	DST-SERB	65.16
4.	Dr. Anjana Kothari	UGC-DAE-CSR, Kalpakkam	4.56
5.	Dr. Sachin A. Joshi	DBT	15.13
6.	Dr. Sachin A. Joshi	DST-DFG	40
7.	Dr. R. V. Upadhyay	DST-SERB	26.87

## Major Research Projects (ongoing and completed – with complete details)

Investigators	Title	Sponsoring Agency	Amount (Rs. Lacs)
Dr. C N Ramchand, Dr. Rucha Desai, Dr. Hilor Pathak	Formulation of a Unique Magnetic Nanoparticles based DNA, RNA and Protein Extraction Kit	GUJCOST, Gandhinagar	3.50
Dr. R V Upadhyay Dr. Kinnari Parekh, Dr. V Ramani	To develop magnetic fluid seal for rotating shaft	Margen Impacts Pvt. Ltd.	5.00
Dr. Darshan Patel, Dr. Jagdish Patel	Elastin Like Polypeptide (ELP) Tagged Amylase and Xylose Isomerase: Alternative Purification and Immobilization Technology	Rapid Grant for Young Scientist DBT	11.9

Dr. Darshan Patel	Rare Sugar production using epimerase and isomerases	DBT	32
Dr. Hilor Pathak	Eco-friendly textile effluent treatment and concomitant electricity generation using microbial fuel cell technology	DST	33.5
Dr. Neeraj Jain, Dr. Jagdish Patel	To study anti-cancer effects of phosphonium ionic liquids on HPV positive and negative cervical cancer cell lines	GUJCOST	5.0
Dr. Janki Thakker	Use of marine microbes: extraction, purification and application	GUJCOST	4.0
Dr. Kinnari Parekh	Thermal conductivity of nanofluids: Potential application in Heat transfer devices	GUJCOST	3.75
Dr. Anjana Kothari	Development of solution-based ZnO nanostructures as light harvesters for low-cost solar photovoltaics	GUJCOST	4.5
Dr. Anjana Kothari	Inkjet printing of perovskite inks for low-cost solar photovoltaics	CHARUSAT	4.9
Dr. Abhishek Dadhania	Magnetic nanoparticles supported ionic liquid: an efficient catalyst for synthesis of organic compounds	CHARUSAT	4.5
Dr. Vaibhav Patel	Nanofiber-Organic/inorganic hybrid material based bulk heterojunction solar-cells	CHARUSAT	4.0
Dr. Chirayu Desai	Application of microaerophilic aerobic bioreactor system in treating real textile effluents and metagenomic analyses of microbial community dynamics	DST	40.00
Dr. Janki N. Thakker	Development of bio-inoculants based on marine bacterial isolate <i>Pseudomonas</i> sp. OG 101 for growth promotion and management of pathogenic <i>Fusarium</i> in Plants	DBT	27.30
Dr. Palash Mandal	Role of adipose in	DST	25.00



	ethanol-induced tissue injury		
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### Research Projects Completed: 03

Investigators	Title	Sponsoring Agency	Amount (Rs. Lacs)
Dr. R V Upadhyay, Dr. Kinnari Parekh, Dr. Rucha Desai	FERRO FLUIDS: S&T APPLICATIONS	DST, New Delhi	285.66
Dr. Jagdish Patel	Implication of P glycoprotein modulation by Phytochemicals to increase bioavailability of drug in hyperglycemic stress	Fast Track Project - DST	16.1
Dr. Aditi Buch	Identification of hydroxycitric acid (HCA) producing bacteria and probing its HCA biosynthetic mechanisms	Fast Track Project - DST	23.00

### Collaborations and Linkages

4 faculty developed linkage with 8 National /International /Academic /Research Bodies

Collaborating Body/Institution/University	Nature of collaboration	Name of the participant
Oakland University, Rochester, Michigan, USA	Collaborative research activity for faculty development	Dr. Atanu Banerjee and Prof. Ferman Chavez
Director, ICAR-Directorate of Medicinal and Aromatic Plants Research, Boriavi 387310, Anand, Gujarat	Collaborative research activity for faculty development	Dr. Atanu Banerjee and Dr. B. B. Basak

Principal Scientist, CSMCRI, Bhavnagar, Gujarat	Collaborative research activity for faculty development	Dr Kamesh Viswanathan Baskaran and Dr. Pabitra Baran Chatterjee
Scientist, Molecular Solutions Health Care, Chennai, Tamil Nadu	Collaborative research activity for faculty development	Dr Kamesh Viswanathan Baskaran, Rekha Godbole and Dr Varsha Shridar
Dr. Avinash Mishra, Principal Scientist, CSMCRI, Bhavnagar	Collaborative research activity for faculty development	Dr. Bhavtosh Kikani
Dr. Reben Raeman, Division of Experimental Pathology, Department of Pathology, University of Pittsburgh, Pittsburgh, PA USA	Collaborative research activity for faculty development	Dr. Chirayu Desai
Dr. Harishkumar Madhyastha, University of Miyazaki, Japan	Collaborative research activity	Dr. Chirayu Desai
Dr. E. Suresh, Senior Principal Scientist, CSMCRI, Bhavnagar	Collaborative Research Activity	Dr. Abhishek Dadhanania

### Consultancy and Extension Services

#### Industrial Consultancy

Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)
Mr Bhavesh patel	PGP activity report for individual bacteria in complex consortia and creating secondary verification reports of selected nutrient-related PGPR activities	Gujarat Eco Microbials Pvt Ltd	13-Mar-20	3.35

#### Research Papers Published

Total 65 plus research papers were published this year.

Name of the authors	Title of the paper	Name of the Journal	Year of publication

Rahman K, <b>Desai C</b> , Iyer SS, Thorn NE, Kumar P, Liu Y, Smith T, Neish AS, Li H, Tan S, Wu P, Liu X, Yu Y, Farris AB, Nusrat A, Parkos CA, Anania FA	Loss of Junctional Adhesion Molecule A Promotes Severe Steatohepatitis in Mice on a Diet High in Saturated Fat, Fructose, and Cholesterol	Gastroenterology (2016), doi:10.1053/j.gastro.2016.06.022 (In Press)	2016
Alam A, Leoni G, Quiros M, Wu H, <b>Desai C</b> , Nishio H, Jones RM, Nusrat A and Neish AS	The microenvironment of injured murine gut elicits a local pro-restitutive microbiota	Nature Microbiology: 1, 15021	2016
Jones RM, <b>Desai C</b> , Darby TM, Luo L, Wolfarth AA, Scharer CD, Ardita CS, Reedy AR, Keebaugh ES and Neish AS	Lactobacilli Modulate Epithelial Cytoprotection through the Nrf2 Pathway	Cell Reports: 12, 1217-1225	2015
Rahman K, <b>Desai C</b> , Iyer SS, Thorn NE, Kumar P, Liu Y, Smith T, Neish AS, Li H, Tan S, Wu P, Liu X, Yu Y, Farris AB, Nusrat A, Parkos CA, Anania FA	Loss of Junctional Adhesion Molecule A Promotes Severe Steatohepatitis in Mice on a Diet High in Saturated Fat, Fructose, and Cholesterol	Gastroenterology (2016), doi:10.1053/j.gastro.2016.06.022 (In Press)	2016
H.L. Gajera and L.M. Manocha	Low temperature Thermal Exfoliation of Graphite Oxide under normal pressure to Synthesize few layered Graphene	COMPOSITES and NANOSTRUCTURES	2016
H.L. Gajera and S. Manocha	Preparation of thermal exfoliated graphene and Studies of effect of Graphene on Thermal stability of Graphene-Epoxy Nanocomposites	COMPOSITES and NANOSTRUCTURES	2016

Desai Dhara I and Iyer Bragadish D	Biodeinking of old newspaper pulp using a cellulase-free xylanase preparation of <i>Aspergillus niger</i> DX-23	Biocatalysis and Agricultural Biotechnology 5, 78-85	2016
Desai Dhara I and Iyer Bragadish D	Utilization of Corn Cob Waste for Cellulase-Free Xylanase Production by <i>Aspergillus niger</i> DX-23: Medium Optimization and Strain Improvement	Waste and Biomass Valorization, 1-11	2016
Dhaval Vankhade, <b>Anjana Kothari</b> , T. K. Chaudhuri	Direct-Coated Photoconducting Nanocrystalline PbS Thin Films with Tunable Band Gap	<i>Journal of Electronic Materials</i>	2016
Sneha Upadhyay, <b>Kinnari Parekh</b> , Brajesh Pandey	Influence of crystallite size on the magnetic properties of $\text{Fe}_3\text{O}_4$ nanoparticles	Journal of Alloys and Compounds	2016
Jay Kumar Patel and <b>Kinnari Parekh</b>	Effect of carrier and particle concentration on ultrasound properties of magnetic nanofluids	Ultrasonics	2015
<b>Kinnari Parekh</b> , Jaykumar Patel and R V Upadhyay	Ultrasonic propagation: A technique to reveal Field induced structures in magnetic nanofluids,	Ultrasonics	2015

K.ThiruppathiKannappa n, ZaranaLaherisheth, <b>Kinnari Parekh</b> and R V Upadhyay,	The Effect of Spherical Nanoparticles on Rheological Properties of Bi-Dispersed Magnetorheological Fluids	AIP Conference Proceedings	2015
Jaykumar Patel, <b>Kinnari Parekh</b> and R V Upadhyay,	Maneuvering the thermal conductivity of magnetic nanofluids by tunable magnetic fields,	J. Appl. Phys.	2015
Nidhi Parikh and <b>Kinnari Parekh</b>	Technique to optimize magnetic response of gelatin coated magnetic nano particles	Journal of Materials Science: Materials in Medicine	2015
Jay Patel, <b>Kinnari Parekh</b> and R V Upadhyay	Prevention of Hot-spot temperature in a distribution transformer using Magnetic fluid as a coolant,	International Journal of Thermal Sciences	2016
Vamangi M. Pandya, Ulrich Kortz and <b>Sachin A. Joshi</b> , <i>Dalton Trans.</i> ,	Encapsulation and stabilization of polyoxometalates in self-assembled supramolecular hydrogels	Dalton Transaction	2015
Hamid Saeed Shah, <b>Sachin A. Joshi</b> , Ali Haider, Ulrich Kortz, Nisar-ur-Rehman, Jamshed Iqbal	Synthesis of chitosan-coated polyoxometalate nanoparticles against cancer and its Metastasis.	<i>RSC Advances</i>	2015

Prashant R. Ghediya and <b>Tapas K. Chaudhuri</b>	Doctor-blade printing of $\text{Cu}_2\text{ZnSnS}_4$ films from microwave-processed ink	<i>Journal of Materials Science: Materials in Electronics</i>	2015
Prashant R. Ghediya and <b>Tapas K. Chaudhuri</b>	Dark and photo-conductivity of doctor-bladed CZTS films above room-temperature	<i>Journal of Physics D: Applied Physics</i>	2015
Prashant R. Ghediya <b>Tapas K. Chaudhuri</b> and Jaymin R. Ray,	Effect of light on hopping conduction in kesterite CZTS thin films ( <i>In Press, AIP Conference proceedings</i> ),	<i>International conference on Condensed Matter Physics (ICC-2015)</i>	2015
Prashant R. Ghediya and <b>Tapas K. Chaudhuri</b>	Electrical properties of CZTS pellets made from microwave-processed powder	<i>Americal Institute of Physics (AIP) conference proceedings 1665</i>	2015
Mitesh H. Patel, <b>Tapas K. Chaudhuri</b> , <b>Vaibhav K. Patel</b> , T. Shreepathi and U. Deshpande	Optical properties of PbS-PbS-Polyvinylpyrrolidone nanocomposite films	<i>AIP Conference Proceedings.</i>	2015
Harsh N. Dadhania, Dipak K. Raval and <b>Abhishek N. Dadhania*</b>	Magnetically retrievable magnetite ( $\text{Fe}_3\text{O}_4$ ) immobilized ionic liquid: an efficient catalyst for the preparation of 1-carbamatoalkyl-2-naphthols	<i>Catalysis Science &amp; Technology</i>	2015

Krunal B. Kachhia and Jyotindra C. Prajapati	Solution of Fractional Partial Differential equation Aries in Study of Heat Transfer Through Diathermanous Materials	Journal of Interdisciplinary Mathematics (Taylor & Francies Publication, SJR Index)	2015
Krunal B. Kachhia, Jyotindra C. Prajapati and Sunil Dutt Purohit	Certain Properties of Modified Laguerre Polynomials via Lie Algebra	Mathematical Sciences Letters	2015
<b>Praveen Agarwal, Junesang Choi, Krunal B. Kachhia, Jyotindra C. Prajapati and H. Zhou</b>	Some Integral Transforms Involving Extended Generalized Gauss Hypergeometric Functions	Communications of Korean Mathematical Society (SJR Index)	2016
Parth Thakor, Dweipayan Goswami, Janki N. Thakker and Pinakin Dhandhukia	Idiosyncrasy of local fungal isolate Hypocrea rufa strain P2: Platnt growth promotion and mycoparasitism	Journal of Microbiology, Biotechnology and food Science	2016
Dweipayan Goswami, Pinakin Dhandhukia and Janki N. Thakker	Portraying mechanics of Plant growth promoting rhizobacteria (PGPR): A review	Cogent Food and Agriculture	2016
Keyur Patel, Dweipayan Goswami, Pinakin Dhandhukia and Janki N. Thakker	Techniques to study microbial phytohormones Book Chapter	Bacterial metabolites in sustainable agrosystem vol 12 in sustainable development. Springer Chapter 1	2015

<i>Krupa Patel, Dweipayan Goswami, Pinakin Dhandhukia and Janki N. Thakker</i>	Microbial Carotenoids: Properties, Physicochemical factors for fermentation, Biosynthesis and Applications. Book Chapter	Industrial Microbiology in Industrial Microbiology: Microbes in Action Nova Science Publisher, USA Chapter 7	2015
Manan Shah, Bhavin Patel, P. C. Vinodkumar	D meson spectroscopy and their decay properties using Martin potential in a relativistic Dirac formalism	The European Physical Journal C (Eur. Phys. J. C (2016) 76, 36)	2016
Manan Shah, Bhavin Patel, and P. C. Vinodkumar	Spectroscopy and flavor changing decays of B, Bs mesons in a Dirac formalism	PHYSICAL REVIEW D 93, 094028 (2016)	2016

### Research Collaborations in progress

Collaborating Body/Institution/University	Nature of collaboration
Prof. Ulrich Kortz, Jacobs University, Bremen, Germany (Sachin Joshi)	Academic and Research
Prof. K. Kanny, Technical University, Durban, South Africa (Sachin Joshi)	Research
Prof. Jamshed Iqbal, Abbottabad, Pakistan (Sachin Joshi)	Research
Prof. C. K. Modi, Applied Chemistry Department, The M. S. University of Baroda, Vadodra (Sachin Joshi)	Research
Dr. Venkat Ramani, PLASMA & Vacuum technologies, Ahmedabad (Dr. Kinnari Parekh)	Research



Hitesh C. Vadalia, PROCAT TECH LLP. Dombivli (East), Thane - 421 203, INDIA (Dr. Kinnari Parekh)	Research
M S University of Baroda	Co-investigator in DBT project
Dr. S Venkata Mohan, Principal Scientist, Indian Institute of Chemical Technology	Collaborating PI in a Research Project Submitted to Department of Biotechnology (April 2016)
Prof. S Govindwar, Professor and Head, Shivaji University	Collaborating PI in a Research Project Submitted to Department of Biotechnology (April 2016)

# **FACULTY OF MANAGEMENT STUDIES**

Annual Report

2015-16

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**Indukaka Ipcowala Institute of  
Management**

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

# **Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM)**

## **Faculty of Management Studies (FMS)**

### **Annual Report 2015-2016**

#### **General Information**

##### **Background and Introduction of the Institute**

Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), a constituent of Charotar University of Science and Technology (CHARUSAT) has been established under patronage from IPCO Industries- a business house of repute. I<sup>2</sup>IM started imparting management education from the academic year 2006-07 through the MBA Programme approved by the All India Council for Technical Education (AICTE). The Institute has been striving to make the education contemporary and relevant to the current and future global needs of globe.

The training at I<sup>2</sup>IM is oriented to meet the emerging opportunities in tune with cutting-edge technologies through:

- Unique learner-centric pedagogy
- Enhanced emphasis on self-management

##### **Vision**

“To emerge as a significant management institute for meeting the needs of society by creation and dissemination of cutting-edge, world-class knowledge”

##### **Mission**

“To create managers with excellent entrepreneurial and leadership qualities.”

##### **Curricular Aspects**

###### **Courses/ Programmes offered**

The institute is offering two-year full time *Master of Business Administration (MBA)* programme as its flagship academic activity since its inception in the year 2006. It started a highly sector-oriented Post Graduate Diploma in Management (PGDM) during the year 2010. In addition, the institute launched the doctoral programme leading to the award of Ph.D. degree by CHARUSAT. In the year 2014, the institute launched BBA programme.

### **MBA Programme**

MBA is designed as a 2-year, 4-semester, postgraduate programme with the objective of moldings and transforming young graduate students for value driven, competent and committed professional roles.

The institute is offering the nine areas of concentration / specialisation for the MBA and PGDM students.

The institute has designed curriculum for the MBA Programme, keeping in view the continuously emerging requirements of industry. Students have a variety of electives to choose from, and given experiential learning through simulation exercises, summer projects, participation in consultancy, market survey, event management meets, seminars, personality development activities, leadership camps etc. *Presently Master of Business Administration Programme has an intake of 120 students.*

### **Pedagogy**

Case study method forms the essence of teaching learning process and focuses creative and critical thinking among students for effective decision making. Class interaction among the participants during case studies, assignments, projects, presentations and improve their group dynamics.

### **PGDM Programme**

PGDM programme has been designed to develop managerial competencies of the students and to meet industry needs. The teaching and learning process is practiced through

- Case based learning
- Management games and Role Plays
- Learning through Industry exposure/ Organization Attachment segment and Industrial visits.

*Presently Post Graduate Diploma in Management Programme has an intake of 60 students.*

### **Doctoral Programme**

The institute launched the Doctor of Philosophy (Ph.D) programme in the year 2010. A total of 12 research scholars have enrolled themselves with FMS.

### **BBA Programme**

Institute has launched BBA programme in the year 2014 with the objectives of:

- Providing basic foundation courses for a bright career in Management.

- In addition to Management courses, focus will be on overall development of students, right after 12<sup>th</sup> Standard, like,
  - Acquiring Communication Skills, Soft Skills, Business Etiquettes, etc.
  - Enabling Students to Solve Case Studies, Problem Solving Techniques by imparting contemporary knowledge.
  - To groom and nurture students so as to equip them to work in semi-advanced or advanced level managerial positions.

***Currently BBA Programme has an intake of 60 students.***

### **Innovation in Curricular Design and Transaction**

The institutional Vision and Mission are reflected in the academic programmes of the university which includes but not limited to MBA, PGDM, Ph. D and BBA Programmes. The institute has closely identified the attributes that business graduates should possess in accordance with the industry requirements to ensure employability, innovation and research and intertwined vision and mission of institute and university with the curricula of various programmes.

### **MBA PGDM New Curriculum – Salient Features**

MBA is designed as a 2-year, 4-semester, postgraduate programme with an objective of moldings and transforming young graduate students for value driven, competent and committed professional roles.

The institute is offering the following areas of concentration / specialisation for the MBA and PGDM students. Those are Marketing Management, Finance Management, Human Resource Management, Information Technology, Health Care Management, Project and Infrastructure Management, Project and Infrastructure Management, Family Business and Entrepreneurship Management, Tourism and Hospitality, Journalism and Mass Communication.

The institute has designed curriculum for the MBA Programme, keeping in view the continuously emerging requirements of industry. Students have a variety of electives to choose from, and given experiential learning through simulation exercises, summer projects, participation in consultancy, market survey, event management meets, seminars, personality development activities, leadership camps etc.

### **BBA Programme – Salient Features**

- The programme is structured into six semesters, consisting of classroom contact-based work and Organisation Attachment Programme.
- The programme is of 150 credits, based on a semester pattern.

- The institute offers courses of specialization in the following functional areas of
- Management and sectoral streams:
- **Specialization Streams**
  - Marketing Management
  - Finance
  - Human Resource Management
- **Sectoral Electives**
  - Information Technology
  - Health Care
  - Banking and Insurance

**Department of Humanities and Social Sciences (DHSS)** was established under Faculty of Management Studies (FMS) with on objectives of providing holistic exposure to students on various areas including Values and Ethics, Critical Thinking, Academic Writing, Languages, Communication Skills, Psychology, Sociology, Liberal Arts, Culture and Society, International Studies as a part of their overall personality development with effect from September 27, 2013.

### **Course Revision and Addition**

#### **New Courses being offered**

- The institute has closely identified the dynamic competencies that business graduates should possess in accordance with the industry requirements to ensure employability, innovation and research and introduced/modified/revised syllabi of BBA Programme, MBA and PGDM Programmes.
- The institute offers nine specializations for MBA and PGDM programmes. Which are as follows:
 

<ul style="list-style-type: none"> <li>○ Marketing Management</li> <li>○ Finance Management</li> <li>○ Human Resource Management</li> <li>○ Information Technology</li> <li>○ Health Care Management</li> <li>○ Project and Infrastructure Management</li> <li>○ Family Business and Entrepreneurship Management</li> <li>○ Tourism and Hospitality</li> </ul>	<ul style="list-style-type: none"> <li>○ Journalism and Mass Communication</li> </ul>
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### Faculty Staff Information

During the academic year 2015-16 twenty core faculty members and three nonteaching staff were associated with the institute with remarkable years of work experience. The institute had Teaching & Nonteaching Staff Ratio 20:3. Following is the tabular representation of number of faculty member's with their area of specialization:

Area of Specialization	No. of Faculty Members
Marketing and Entrepreneurship	01
Marketing Management	03
Finance and Human Resources	01
Human Resources and Marketing	01
Human Resource Management	02
Finance	02
Humanities and Social Sciences	10

### New Appointments Made During the Year

Area of Specialization	No. of Faculty Members
Marketing Management	01
Marketing and Human Resources	01
Humanities & Social Sciences	03

### Teaching Learning Avenues

#### Seminars/ Guest Sessions/ Workshops from Outside Institutes

Since August 2012 I<sup>2</sup>IM has rejuvenated a series of MANAS under two different heads, Internal Resources/ Development (Faculty/ Students) or Faculty Forum and External Resources/ Exposure like Guest Sessions/ Expert Talk.

*In the academic year 2015-16 a total of 31 MANAS were conducted/ organized under external expert head of MANAS.* The details are as mentioned below:

**External Resources/ Exposure like Guest Sessions/ Expert Talk**

During the year 2015-2016 following seminars were organized at I<sup>2</sup>IM under the head of External Resources/ Exposure like Guest Sessions/ Expert Talk:

<b>Sr. No.:</b>	<b>Date</b>	<b>Speaker(s) / Resource Person(s)</b>	<b>Topic</b>
1	July 10,2015	<b>Mr. Parth Shah</b> <i>Owner Social Udaan Vadodara</i>	Social Udaan – A Social Media Model
2	July 27,2015	<b>Mr. Shailesh Thakkar</b> <i>Management and Spiritual Mentor Vadodara</i>	Soft Skill
3	September 4, 2015	<b>Mr. Divakar Marla</b> <i>Sr. Process Trainer/Change Manager Collabera Technologies Vadodara</i>	Conflict Management Interventions
4	September 8, 2015	<b>Ms. Zankhna Srivastava</b> <i>Zonal Marketing Manager ICICI Securities Ltd. Ahmedabad</i>	Learning Securities Through Simulation Games
5	September 12, 2015	<b>Mr. Akshay Parnami</b> <i>Director, Aura Finearts Pvt. Ltd. Vadodara</i>	Self-Branding and Social Media
6	September 12, 2015	<b>Mr. Kartik Jasani</b> <i>Business Head Spotlight Communication Ahmedabad</i>	Brand Communication and Ethics in Advertising
7	September 17, 2015	<b>Ms. Liny Shaji</b> <i>Income Tax Inspector Income Tax Department Vadodara</i>	Income From House Property
8	September 23,2015	<b>Mr. Ritesh Patel</b> <i>Associate Professor CSPIT CHARUSAT</i>	E Governance and Business Model in Cloud Era
9	October 10,2015	<b>Mr. Dinesh G Bhimani</b> <i>Company Secretary D. G. Bhimani and Associates Anand</i>	Company's Act 2013- A Comparison with Company's Act 1956
10	October 10,2015	<b>Mr. Sohil Pandya</b>	Search Engine Optimization



11	October 12, 2015	<b>Mr. Bharat Mehta</b>	Contemporary Issues in Human Resource Management
12	November 26, 2015	<b>Dr. Akil Saiyed</b> <i>Advocate</i> <i>Gujarat High Court</i> <i>Ahmedabad</i>	Indian Constitution
13	January 1, 2016	<b>Mr. Sarth Desai</b> <i>Programme Admin</i> <i>New York University</i> <i>USA</i>	Use of Technology in New Startups
14	January 7, 2016	<b>Mr. Sanket Gajjar</b> <i>Founder</i> <i>Smartxperts</i> <i>Texas, USA</i>	Start a Business and Change the World
15	February 12, 2016	<b>Shri. Savjibhai Dholakia</b> <i>Chairman and Founder of</i> <i>Hari Krishna Exports Pvt.</i> <i>Ltd. Surat</i>	Family Business and
16	February 23, 2016	<b>Mr. Bhagyeshbhai Thakkar</b> <i>Principal</i> <i>GEB School</i> <i>Vadodara</i>	Emotional Quotation, Intelligence Quotation Spiritual Quotation
17	March 1, 2016	<b>Shri. Hemal Patel</b> <i>Senior Vice President,</i> <i>Sophos</i> <i>CEO, Cyberoam</i>	Risk Mitigation by Innovation
18	March 2, 2016	<b>Mr. Tushar Shah</b> <i>Marketing Manager</i> <i>Accord Fintech</i> <i>Ahmedabad</i>	Workshop on Comprehensive Project
19	March 3, 2016	<b>Mr. Randip Singh</b> <i>Trainer</i> <i>EBSCO</i> <i>New Delhi</i>	Workshop on Advance Search Pattern of Online Database
20		<b>Shri. Vishnubhai Patel</b> <i>Trustee, Martusanstha and</i> <i>Kelavni Mandal</i> <i>USA</i>	Leanings of My Life
21	March 4, 2016	<b>Mr. Mayank Dedhia</b> <i>Manager,</i> <i>Training and Business</i> <i>Development</i> <i>Informatics Publishing</i> <i>Ltd.</i> <i>Mumbai</i>	Workshop on Online Access to Research Journals
22	March 4, 2016	<b>Dr. Yogesh Joshi</b> <i>I/C Principal and</i> <i>Professor</i>	Review Analysis of Union Budget - 2016-17

		<i>G.H. Patel Post Graduate Institute of Business Management Anand</i>	
23	March 4,2016	<b>Mr. Ravi Shah</b> <i>Chartered Accountant Nadiad</i>	Implication of Tax Structure on Union Budget-2016-17
24	March 15,2016	<b>Mr. Sandeep Gupta</b> <i>Director, Nippon Siyaka Pvt. Ltd. Ahmedabad</i>	Paradigm Shift in Pharma Industry
25	March 27,2016	<b>Mr. K. Mathiyalagan</b> <i>RGID, Sahaj Marg, Anand</i>	Heartfulness Meditation
26	March 28,2016	<b>Mr. Jatin Chaudhary</b> <i>Co Founder eChai Ventures, Ahmedabad</i>	Preparing Effective Business Plans
27	April 14,2016	<b>Ms. Heta Pandit</b> <i>Entrepreneur at BioLife Inc. West Bengal</i>	Life of an Entrepreneur
28	May 7,2016	<b>Dr. Hrudanand Mishra</b> <i>Director K. P. Patel School of Management &amp; Computer Studies (KSMCS), GTU Kapadwanj</i>	Macro Economics – ISLM Model, Open Economy, Unemployment and Inflation (Philips Curve)
29	June 30,2016	<b>Mr. Tushar A Shah</b> <i>Manager, Marketing Accord Fintech Pvt. Ltd. Ahmedabad</i>	Working with AceEquity
30		<b>Mr. Naman Bhardwaj</b> <i>Sales Manager Informatics Pvt. Ltd. Bangalore</i>	Information Search Using J-Gate Database
31		<b>Mr. Raj Kumar Mahapatra</b> <i>Training Specialist EBSCO Information Services New Delhi</i>	Information Search Using EBSCO Host Database

### Industrial Visits

- Students of MBA and PGDM programmes batch 2015-17 visited Dharmanandan Diamonds, Surbhi Textiles, Shree Laxmi Textiles, Maruti Textiles, Surat on October 30, 2015.

- Students of MBA and PGDM programmes batch 2014-16 visited Ajanta Manufacturing Ltd., Platina Vitrified Pvt. Ltd., Enzo Ceramics Pvt. Ltd. Morbi, and Gujarat State Fertilizers & Chemicals Limited (GSFC) on October 29, 2015.
- Students of BBA programme, 2015-18/20 batch visited Accura Polytech Private Limited, Sanand on October 29, 2015.

### **Seminars and Conference Participation**

- 71 students of MBA and PGDM programme (2014-16 Batch), participated in a seminar on “Financial Tools for Marketing Professionals”, organized by Ahmedabad Management Association on February 27, 2016.
- 29 students of MBA and PGDM programme (2014-16 Batch), participated in a seminar on “Effective Communication for Marketing and Sales Teams”, organized by Ahmedabad Management Association on January 20, 2016.
- 35 students of MBA and PGDM programme (2014-16 Batch), participated in a seminar on “Building Organizations through People Power”, organized by Ahmedabad Management Association on January 19, 2016.
- 38 students of BBA programme (2015-18/20 Batch), participated in a seminar on “Be a Leader”, organized on Yuvalay, Vadodara on January 8, 2016.

### **Courses of Liberal Arts**

Responding towards the demands of today's world by producing analytical thinkers and creative professionals, Courses on Liberal Arts like Painting, Photography, Sculpting, Pottery and Ceramic Arts, Media and Graphic Design, and Art and Craft are offered in a workshop mode to all first year students of UG programs of 7 different institutes of CHARUSAT. In the second consecutive year, a workshop of Liberal Arts was organized from September 28, 2015 to October 1, 2015 in which 1250 students benefited. More than 13000 models of Liberal Arts within four days' Workshop at CHARUSAT University have made history in the history of art. The renowned national level experts includes Mr. Dilip Oza, Senior Designer, National Institute of Design (NID); Mr. Suresh Parekh, Mr. Mukesh Acharya, Mr. Sunil Adesara, Gujarat's most award winner photographers; Mr. Kanu Patel, Painter, Artist and Actor; Mr. Ratilal Kanasodariya, Principal, C N College of Fine Arts, Ahmedabad, and other National Award Winner Painters, Wild Life Photographers, Designers, Sculptures as well as faculty members of C N College of Fine Arts, Ahmedabad, CVM College of Fine Arts, V V Nagar and Navrachana University, Vadodara.

### Bridge/ Certificate Courses

- The institute spends an average of six days/thirty hours for orientation/induction programme. This year the institute organised orientation programmes during June 27 – July 1, 2016, and August 03- 09, 2015 for BBA, MBA and PGDM Programmes respectively.
- After identifying the needs and the requirements of the fast, medium and slow learners, the institute offered Bridge Courses on various topics.
  - Bridge Course on “English Language & Communication” was organized for the benefit of BBA 2015-18/20 Batch Students during June 29, 2016 - July 3, 2016.
  - Bridge Course on “Computer Assisted Academic Writing, Research & Communication Skills ” was organized for the benefit of BBA+MBA 2014-17/19 Batch Students during June 27, 2016 to July 02, 2016
  - Bridge Course on “ Communication Skills & Soft Skills” was organized for the benefit of BBA+MBA 2015-18/20 Batch Students during June 20, 2016 to June 25, 2016

### Projects and Summer/Organisation Training

The details about Summer Internship Programme – Placement and Project for students of MBA and PGDM Programmes for the batch 2015-17 are as follows:

#### Summer Project Placement

Sr. No.	Name of Organization	No. of Students
1	Aero Therm Service Pvt.Ltd., Ahmedabad	01
2	Aatmiya Reality, Vadodara	01
3	Adani Wilmar Limited, Ahmedabad	02
4	ADF Foods, Nadiad	01
5	AMUL, Anand	01
6	Anupam Industries Limited, Anand	02
7	ARCOGUL, Anand	01
8	Babaria Foods, Ahmedabad	02

9	Banas Dairy, Palanpur	01
10	Bank of Baroda, Anand	03
11	Bank of India, Ahmedabad	02
12	Baroda Dairy, Vadodara	03
13	Big Bazaar, Vadodara	03
14	Business Standard, Ahmedabad	02
15	Century Pharmaceuticals, Vadodara	01
16	Champion Paints, Anand	06
17	CHRF, Changa	03
18	Coca-Cola, Goblej	01
19	Cosmos Co-operative Bank Ltd., Morbi	01
20	Cryogas Industries, Vadodara	02
21	Cube Construction, Vadodara	01
22	Deepak Nitrite, Vadodara	02
23	E-Chai, Ahmedabad	03
24	Elecon, Anand	01
25	Geostar, Ahmedabad	01
26	Gujarat State Fertilizer Corporation, Vadodara	01
27	IDBI Life Insurance, Ahmedabad	05
28	J. M. Financial Services Limited, Vadodara	02
29	Kalupur Co-operative Commercial Bank, Anand	02
30	Klick Digita Express, Surat	02
31	Kohinoor Techno Engineers Limited, Surat	02
32	L&T MHPS Boilers Pvt. Ltd., Surat	01
33	Lakkad and Co., Surat	01

34	Leayan Global Private Limited, Kanpur	01
35	Lupin Limited, Ankleshwar	01
36	Mahindra Finance, Ahmedabad	01
37	Manpasand Beverages Ltd.,Savli	01
38	Milcent, Anand	01
39	Mint, Ahmedabad	01
40	My Wealth Creator, Anand	02
41	Nirma Limited	01
42	ONGC, Khambhat	03
43	Oswal Machinery Limited, Anand	02
44	P B M Polytex Pvt. Ltd. , Anand	01
45	Panchamrut Dairy, Godhara	01
46	Power Build Pvt. Limited, Anand	02
47	Prime Cooperative Bank, Nadiad	02
48	Ravi Pharmaceuticals Pvt. Ltd., Kansari	03
49	Reliance Mutual Funds, Anand	02
50	Rockers Technologies, Vadodara	01
51	Rotomotive Powerdrives India Ltd, Anand	02
52	Sanofi India, Ankleshwar	01
53	Sarvottam Dairy, Bhavnagar	02
54	Seawind Solution Pvt. Ltd., Ahmedabad	05
55	Shaily Engineering Pvt. Ltd. ,Vadodara	02
56	Sumul Dairy, Surat	01
57	Times of India, Ahmedabad and Vadodara	03
58	Universal Medicap Ltd. , Vadodara	02

59	VKC Pride, Kerala	01
60	Warm Stream, Anand	03
61	Western Engineering, Anand	02
<b>Total</b>		<b>113</b>

### Organization Attachment Programme (OAP)

Organization Attachment Programme (OAP) is a 6 credit course to be undertaken at the end of 4<sup>th</sup> semester of BBA Programme. In the academic year 2015-16, OAP was scheduled for 8 weeks starting from May 2, 2016. The Organisation Attachment Programme is an important part of learning so as to develop an in-depth understanding of all general and functional areas of management / organizations. The students are also required to investigate in a topic relating to one of their areas of interest / streams of specialization.

The total number of 55 students took their OAP at 34 different organizations during May 2, 2016 to June 26, 2016. The details of organisations are as below:

<b>Sr. No.:</b>	<b>Name of Company</b>	<b>No. of Students</b>
1	Air Control & Chemical Engineering Company Limited,	01
2	Al Fara'a General Contracting Co LLC, City of Abu Dhabi	01
3	Amul Industries Pvt. Ltd., Rajkot	01
4	Annupam Industries Ltd., Anand	01
5	Banco Products India Ltd., Vadodara	01
6	Berger Paints India Limited, Anand	02
7	C.M. Smith & Sons Co., Nadiad	01
8	Champion Industries, Vallabh Vidhyanagar	03
9	Diya Flour Mills, Nadiad	03
10	EIMCO Elecon Ltd., Vallabh Vidhyanagar	01
11	Elecon Engineering Company Ltd., Anand	01
12	Gujarat Energy Transmission Corporation Ltd., Nadiad	03
13	Hindustan Coca-Cola Beverages Pvt. Limited, Goblej	02
14	Kaira Can Co. Limited, Anand	03
15	La Casa Inn, Anand	01
16	Laxmi Snacks Pvt. Ltd., Nadiad	01
17	Manpasand Beverages Limited, Vadodara	01
18	Marigold Paints Private Limited, Anand	01
19	Milcent, Anand	01
20	NJ India Invest, Ahmedabad	02
21	P & B Pharmaceuticals Ltd, Khambhat	02
22	P B M Polytex Limited, Petlad	01
23	P.M.Diesels Pvt. Ltd., Rajkot	02
24	SGS India Pvt Ltd., Ahmedabad	01
25	Shah Paperplast Industries, Nadiad	02

26	Sunfree Heat Industries, Anand	02
27	Surat District Co-Operative Milk Producers' Union Ltd., Surat	01
28	Tam Media Research Private Limited, Vadodara	02
29	Terrene Pharma, Vadodara	02
30	The Kaira District Cooperative Milk Producers' Union Ltd. (AMUL), Anand	01
31	Times of India, Ahmedabad	03
32	Vim Dye Chem Pvt. Ltd., Ahmedabad	02
33	Vulcan Industrial Engineering Ltd., Vallabh Vidhyanagar	02
34	Yash Papad, Uttarsanda	01
<b>Total Students</b>		<b>55</b>

### List of Comprehensive Projects from the Department

#### Comprehensive Project - Project Title

Sr. No.:	Topic
1	A Study to Measure Consumer Awareness About Fizzy Milk Drink Vio of Coke in Selected Cities of Gujarat
2	Understanding TRP : TAM - A Case Study
3	A Study of Entrepreneurship Culture at IIIM
4	A Study of Business Men's Perspectives about Competitive Scenario With Regards to Concepts Like Make In India, Stand Up and Start Up India
5	A Study to Measure Android Based Mobile User's Tendency Towards Reading and Sending Whatsapp Messages
6	A Study to Measure Marketing Spends of E- Commerce Organisations
7	The Logistic Sector in India : Issues and Challenges
8	A Conceptual Study of Psychological Contract
9	A Study to Measure Revenue Management Practices of Airlines Industry
10	A Study to Measure Brand Valuation of CHARUSAT
11	A Conceptual Study of Brand Architecture
12	A Study of Strong Brands for B2B Markets: Review of Selected Cases
13	Role of Burnout in the relationship between Job Demands and Job Outcomes among Management Faculty Members
14	A Study of Financial Health of Private Sector Hospitals in India
15	A Comparative Study of Product Mix and Brand Portfolio of HUL and Godrej



16	A Study on Consumer Adoption of Digital Wallet (Mobile)
17	Demographic Dividend : A Study on Demographic Transition in Developing Country
18	A Study on GST in India
19	International Marketing Strategies for Global Competitiveness with special reference to Fast food retail chain / FMCG
20	Customer Perception of Sex Appeal Advertising Among Students
21	To Study Consumer Attitude and Behaviour Towards Product Placement in Reality Show
22	A Study on Role of Sales Force in Distribution Channel in Pharmaceutical Industry / FMCG Industry
23	A Study of Consumers Preferences for Domestic Over Imported Products.
24	A Study of HRD Climate in Public & Private Sector Banks
25	A Study of Competency Mapping of HR Professionals in IT Industry
26	A Study of Factors Affecting Learning Organization
27	A Study of Fallacious Consumer Behavior
28	A Study of Employee Citizenship Behavior
29	A Study of HR Professional's Perceptions of Interviewer Training
30	A Study of Global Human Capital Trends
31	A study of HR Economics
32	A Study of Green HRM
33	A Study of HR Accounting Practices at Infosys
34	A Study on Visual Merchandising attributes in E-commerce
35	A Study on Challenges faced for Social entrepreneurship startups in Middle Gujarat
36	A Study of Factors Influencing Consumers' Preference Towards Shopping Malls in Middle Gujarat
37	A Study on Humor In Television Advertising: The Effects of Repetition
38	A Study on Various Models of Social Start-Ups and Their Socio-Economic Contribution
39	A Study on Conjoint Innovation: Building A Bridge Between Innovation and Entrepreneurship
40	A Study on Internet Marketing Strategies - Approaches and Challenges : An Overview

41	A Study on effect of four P's of Marketing Strategy in Entrepreneurship
42	A Study on Entrepreneurs Self-Regulatory Processes and Their Implications for New Venture Success
43	A Study on Viral Branching Model for Predicting the Speed of Word of Mouth
44	A Study on Conversion Behavior at E-Commerce Sites
45	A Study on User-Generated Marketing and Legal Implications When Word-Of-Mouth Goes Viral
46	A Study on Surrogate Marketing for Tobacco Products
47	New Financial Alternatives in Seeding Entrepreneurship
48	Islamic Banking In India: Religious and Socio-Economic Perspectives Affecting Muslim Investors of Anand Vadodara and Ahmedabad District In Gujarat
49	Business of Beliefs: How Firms Fare Who Sell Beliefs
50	Cost Analysis of Papad Industry
51	Funeral Insurance Would It Has Acceptance in India - A Study on Perspective of Insurance Agents
52	Critical Success Factors in Merger & Acquisition Project: A Study From The Perspectives of Advisory Firms In Gujarat
53	A Conceptual Study on Agribusiness Franchising
54	Prescription Drug Costs and Financing
55	Health Financing in India: An Overview of Selected Insurance Company
56	Shadow Banking in India
57	Adoption and Practice of IFRS in Gujarat
58	Understanding the GST Bill
59	Impact of Cooperatives in Financial Inclusion
60	Competitive Analysis of Selected Housing Finance Institutions In India
61	Governance in Family Owned Food Business in Gujarat
62	Does All-cash Deal Affect The Equity of The Buying Company? A Case Study on Sterlite Technologies Acquisition Of Elitecore Technologies
63	Feasibility study on Dairy Farming
64	Indian E commerce financing and venture capital studies: Using a Case Study

65	Understanding ease of doing business in India: comparative study of Gujarat and Maharashtra
66	Crude Oil Price Volatility and Its Impact on Indian Economy
67	Gold Imports and Current Account Deficits in India
68	A Study on the Performance of IPO
69	Understanding Depreciation of INR and Forecasting the same
70	CAMELS & Bank performance on Bank
71	A Study the Need of Gold Monetization Schemes
72	FII / FDI Impact on Volatility of Markets
73	Study of GST Structure
74	Currency Risk Management by SME's in Gujarat
75	RBI Monetary Policy and Impact on Bank Landings
76	Alibaba.com Success Story of E commerce Giant: A Case study
77	A Study of Ready To Eat Food Industry
78	A Comparative Study of Mothers' Preferences and Attitude Between First Cry.Com Baby Products and Babyoye Baby Products
79	A Study of Customer Perceptions Towards Ayurvedic Health Spas in Ahmedabad
80	Project Report on Influence of Advertisement on Food Habits of Children
81	Customer Perception Towards Multi-Specialty Hospitals in Vadodara
82	Effect of Yoga on Emotional Stability and Performance of Employees
83	Impact of Employees' Web Socio-Networking Activism on Career Prospects
84	Financing Small Business Owners in Back-strap Handloom Sector
85	A Reverse Logistics Model for Optimization in Waste Collection
86	Role and Impact of Social and Non-Social Enterprises in India
87	Reverse Supply Chain: Models
88	Issues and Uses of Online Job Portals
89	Plastic Money and Consumer Attitude: A study with special reference to credit cards in Gujarat
90	A Study of Internet Usage by Small and Medium Size Companies for Recruitment in The State of Gujarat

91	A Study of Ranking of Variables Impacting Supply Chain Network of Small Scale Industries of Anand District
92	A Study of Marketing Problems of Micro Enterprises of Anand District
93	A Study of Guest Perception on Service Quality With Reference To Hotel Industry of Gujarat
94	A Study of Investment in Crop Insurance by Farmers in The Selected Districts of Gujarat
95	A Study of Relationship Between Demographic Factors and Consumer Buying Behavior Towards Cause Related Marketing of FMCG Products In Gujarat
96	Content Analysis of Media Coverage With Special Reference To Gujarat Samachar and Divya Bhaskar In The State of Gujarat
97	A Study of Perceived Benefits of Loyalty Programmes and Their Impact on Purchase Intentions of Customers
98	A Study of Perception About Organic Food and Opportunities for Startup Organic Food Business in Anand
99	Service Quality assessment in Insurance Sector: A Study of LIC & Reliance Life Insurance/ICICI Prudential Life Insurance in Anand-V V Nagar
100	Who's Chatting? : Interplay between Personality and WhatsApp Use
101	A Study of Influence of Banking Methods on Spending Pattern With Special Reference to Gujarat State
102	A Study of Customer Perception on Credit Cards and Debit Cards: A Comparative Study of Two Types of Plastic Money
103	A Study of Effect of Corporate Branding Dimensions on Consumers' Loyalty with Special Reference to Apple Inc.
104	A Study of the Relation Between Personality Type & Academic Success
105	A Study of Social Media and Consumer Decision Making : A Study of CHARUSAT University students
106	A study of Opportunity to Start a New Florist Business in Anand-V V Nagar
107	A Study of Consumer Perception of M-Commerce
108	Content Analysis of Media Coverage of prime ministerial trips made by Narendra Modi
109	e-Governance Initiatives of Government of India : Progress and Prospects
110	Readiness of India Smart Cities Challenge - Prospects and Challenges for Smart Cities: A Case of Ahmedabad City
111	Critical Review of Management Education in Gujarat

112	Gujarat Infrastructure Agenda – Vision 2020 for Infrastructure Development in Gujarat
113	Content Analysis of Women in Print Advertising
114	Growth Story of Indian Railways
115	Marketing Strategies of Bollywood Movies in India and Overseas: A study of selected movies in year 2015
116	Quality Management in Indian Education Institutions
117	Comparison of Knowledge Information Centers in Accredited and Non Accredited B Schools of India
118	Role of Working Women in Indian Family Economics
119	A Comparative Study of Human Development Index of Selected States of India
120	Glass Ceiling and Gender Discrimination :Indian Scenario
121	Employer's Brand Image : A Predictor to Employee Retention and Attrition with special reference to BPO and KPO in Gujarat
122	Black Money in India : Framework, Policy Options and Strategies
123	Perception of Stakeholders towards Pilgrim Tourism in Gujarat
124	A Case Study on Food Panda's Improved Approach in Supply Chain Management
125	Adoption and Assessment of Hospital Information System : A Case Study of CHARUSAT Hospital
126	Product Placement in Movies
127	Swachh India: A Case of Attempting to Inculcate Healthy Sanitation Practices in India
128	Handloom Industry in Gujarat : Major Prospects and Challenges
129	Impact of FM Channel on Youth in Selected Cities of Gujarat
130	Indian Media and Entertainment Industry
131	Economic Empowerment of Women Through Self Help Groups in Selected Districts of Gujarat
132	To Study Small Scale Units in Textile Industry in Gujarat
133	Content Analysis of Media Coverage of prime ministerial trips made by Narendra Modi
134	e-Governance Initiatives of Government of India : Progress and Prospects

### Details of Massive Open Online Courses (MOOC)

The Massive Open Online Courses (MOOC) is a new online medium for course delivery and learning outcome assessment. It enables thousands of learners to participate in the same course with high quality content and interactive tools for learning and assessing the level of gained knowledge. In order to provide supportive learning environment for students so that effective learning can take place and to ensure consistent progress of student in academics, the institute offered below mentioned Massive Open Online Courses (MOOC) to the students of MBA, PGDM and BBA students.

Sr. No.	Particular	No of Participants
1	MBA/PGDM Programme 2014-16	
	Managerial Effectiveness Course (MB808.1)	
	➤ What Great Leaders Do?	132
	➤ Achieving Personal Success	125
	➤ Introducing The Art of Negotiation	135
	• Compensation Management (MB823.1) ➤ Modern HRM-Recruitment & Selection	35
	Human Resource Development (Mb824.1)	
	➤ Creating Meaning For Employees	29
	➤ Diploma in Human Resource	28
	➤ Diploma in Modern HRM	31
	• Entrepreneurship & MSMEs (MB804.1) ➤ Diploma in Business Management & Entrepreneurship	145
2	MBA/PGDM Programme 2015-17	
	• Macroeconomics & Business Environment (Mb740.2) ➤ Aggregate Supply And Demand	109
	• Human Resource Management (Mb743.2) ➤ Diploma In Human Resource	105
	Marketing Management (MB746.2)	
	➤ Introduction To Marketing	85
	➤ Diploma in Social Media Marketing	92
3	BBA Programme 2015-18/20	

	<ul style="list-style-type: none"> <li>• Business Economics (BM107) <ul style="list-style-type: none"> <li>➤ Aggregate Supply and Demand</li> </ul> </li> </ul>	57
	Organizational Behaviour (BM108)	
	➤ Biology and Behaviour in Psychology	54
	➤ Introducing The Five Archetypes of Organizational Culture	53
	➤ Leadership skills in Business	53

### Evaluation

Internal evaluation by the course faculty member(s) is based on continuous assessment, for 30% of the marks for the course; and Final examination by the University is conducted through written paper or practical oral or presentations/ viva-voce test or a combination of these for 70% of the marks for the course. The following table represents details of result analysis of the exams undertaken during academic year 2015-2016:

Sr. No.	Programme Detail	Semester	Number of Students Appeared	No. of students who passed with			
				CGPA $\geq 7.50$	CGPA above 6.0 but below 7.50	CGPA above 5.0 and below 6.0	CGPS less than 5.0
1	BBA	I (2015-18)	58	14	11	15	23
2		II (2015-18)	58	16	19	13	10
3		III (2014-17)	56	13	23	15	05
4		IV (2014-17)	55	19	15	10	11
5	MBA	I (2015-17)	111	13	37	42	19
6		II (2015-17)	106	09	47	30	20
7		III (2014-16)	128	11	46	53	18
8		IV (2014-16)	125	15	60	38	12
9	PGDM	I (2015-17)	08	00	02	03	03
10		II (2015-17)	08	00	01	05	02
11		III (2014-16)	21	01	11	05	04
12		IV (2014-16)	20	01	12	07	00

### **Courses in which Student Assessment of Teachers is Introduced**

Institute has streamlined feedback / assessment system for the all the courses and faculty members (Course coordinator / Resource Person(s)). Pre and Post feedback meetings with faculty members and students were held regularly. Based on the students' feedback one-to-one meeting with all faculty members was conducted by the Dean.

### **Students' Achievement in the Year**

- A total of 45 students participated in National Creativity Aptitude Test – 2016 (NCAT) Round 1 exam held on February 25, 2016.
- 43 students of the institute participated in Spoural 2016 - cultural event of the University Central Council during February 09-11, 2016. Out of these, 12 students were declared winners as well as runners up in various events such as Ad-Mad Show, Antakshri, Mahendi, Rangoli, Debate, Mr. & Ms. CHARUSAT and Photography.
- Jay Vyas, Viral Thakkar, Amit Sharma and Manan Thapar, students of MBA and PGDM programme, Semester-4 successfully cleared IRDA examination and appointed as Wealthsurance Advisor of IDBI Federal Life Insurance Co. Ltd in July 2015.
- Shardul Dave, a student of Semester -4, BBA programme, represented his NCC directorate at the Annual NCC republic Day camp and the Prime Minister's Rally held at New Delhi from January 1-29,2016 and received honor from Governor of Gujarat – Shri. O. P. Kohli for his achievements.
- Shivani Patel, a student of 2<sup>nd</sup> semester BBA programme secured first rank in Gujarat state Judo Women Championship held at Ahmedabad in February 2016.
- Vatsal Patel and Vatan Agrawal students of MBA programme Semester 2 secured 3<sup>rd</sup> position in Badminton under 18 organized by Khel Maha kumbh, Sports Authority of Gujarat, Gandhinagar.
- Hitesh Modi a student of Semester 4 PGDM programme secured first prize in inter college round of stock mind Quiz - season 4.
- Urvil Harsora, a student of BBA programme, Semester 4 cleared examination for Foundation Programme Examination organized by institute of Company Secretaries of India.
- Sneha Kalkani and Aarti Kumbhani students of Semester 2, MBA programme secured 1<sup>st</sup> and 3<sup>rd</sup> positions in Minute to Win It respectively. While Shardul Dave secured 3<sup>rd</sup> Position in Debate competition organized by C.P Patel & F.H Shah Commerce College, Anand on February 27,2016.



- 21 students of MBA, PGDM and BBA programme participated in a total of 12 activities ranging from Football, Badminton, Basketball, Volleyball, Quiz, to Debate organized by universities and institutes across India.

### **Research, Consultancy and Extension**

#### **Ph.D. Programme Details**

<b>Sr. No.</b>	<b>Name of the Research Scholar</b>	<b>Research Area</b>
1	Mr. Devang Joshi	General Management
2	Mr. Dilip Gosai	Building Brand Image through Extended Communication with special reference to Private Universities of Gujarat
3	Ms. Reshma Sable	A Study of Penetration of Learning Organization concept among Organisations belonging to Automobile Industry
4	Mr. Arpit Patel	A Study of Effectiveness of Training Evaluation Practices in Private and Government Banks in Anand and Nadiad Region in Gujarat.
5	Mr. Yatin Talati	A Study of Web Based Library Resources and Services in Technological Institutes of Gujarat.
6	Mr. Pramod Patel	Information Search Pattern of E-Resource by Management Students in B-School Libraries of Gujarat
7	Mr. Dineshbhai Patel	Assessing Current Practices in Digital Libraries in Higher Education Institutes of Gujarat
8	Mr. Aditya Bhatt	General / Finance Management
9	Ms. Poonam Amrutia	General / Marketing Management
10	Ms. Unnati H. Patel	A Study of Consumer Perception towards Advertisements on Social Media
11	Ms Nirali Shukla	General / Marketing Management
12	Ms. Binny Bhogal	General / Finance Management

## **Publications**

### **Book Publications**

**Dr. Govind Dave, Dean, FMS, Principal, I<sup>2</sup>IM**

- *“Employer Branding - Concepts, Importance and Theories”*, published by CreateSpace – An Amazon.com Company, ISBN: 978-1535285537 (Co-authored with Ms. Kirti Makwana)

**Ms. Kirti Makwana, Assistant Professor**

- *“Employer Branding - Concepts, Functional and Contemporary Perspectives”*, published by CreateSpace – An Amazon.com Company, ISBN: 978-1535286633 (Co-authored with Dr. Govind Dave)

**Dr. Bhaskar Pandya, Associate Professor & Head, Humanities & Social Sciences**

- *‘Efficacy of the Course on Communication Skills in English offered to the Students of B Tech Program’*, published by CreateSpace – An Amazon.com Company, ISBN: 978-1535096515 (Co-authored with Mr. Pushpendra Sinora)

**Mr. Kaushik Trivedi, Assistant Professor**

- *“Visual Aids to Improve Writing Skills of ESL Learners: An Experimental Study on Students of Primary School”*, published by CreateSpace – An Amazon.com Company, ISBN: 978-1535194600 (Co-authored with Dr. Bhaskar Pandya)

**Mr. Gaurav Thakarar, Assistant Professor**

- *“Modernist American Society, Symbolism & Novels of F. Scott Fitzgerald”*, published by Lambert Academic Publishing, Germany, ISBN: 978-3-659-88675-1

### **Research Papers Published in Academic Journals**

**Dr. Govind B Dave, Dean, FMS, Principal, I<sup>2</sup>IM**

- *“A Study of Corporate Branding and Its Impact on Consumers’ Loyalty”*, International Journal of Advanced Research in Management (IJARM), Volume 7, Issue 2, May–Aug (2016), pp. 11–19, ISSN: 0976 – 6324 (Co-authored with Mr. Binit Patel)
- *“A Study on Assessing Expatriate’s Challenges During an International Assignment: International Human Resource Management Perspective”*, International Journal of

Marketing & Human Resource Management (IJMHRM), Volume 7, Issue 2, May - Aug, 2016, pp. 23–35, ISSN: 0976 – 6421 (*Co-authored with Ms. Kirti Makwana*)

**Mr. Arpit Patel, Assistant Professor**

- ***“GREEN HRM” –an Innovative Approach at Workplace in Corporate World***, Shrey Journal of Multi Disciplinary Research, Volume-5, Issue-1, January, 2016 Pg. No. 153 - 156
- ***“Employee Engagement Activities and its Effect on Employee Performance, Golden Research Thoughts”***, International Multidisciplinary Research Journal, Volume-5, Issue-4, October 2015
- ***“Impact of Globalization and Information Technology on Industrial Relations”***, Tactful Management Research Journal, Volume-4, Issue-1, October 2015
- ***“A Study: Work Life Balance of working professional in context of Female Employees of State Bank of India in Indore District, Research Revolution”***, International Journal of Social Science and Management, Volume-3, Issue-12, September 2015, Pg. No. 7-12
- ***“A Study on High Employee Attrition in Indian BPO Sector - (Reasons and Remedies)”***, SAMIKSHA - International Journal of Multidisciplinary Academic Research, Volume-3, Issue-2, August 2015, P. No. – 12-17

**Dr. Pranav Desai, Assistant Professor**

- ***“Global Issues and Challenges of Product Recall”***, IOSR Journal of Business and Management (ISSN 2319-7668), Volume 18, Issue 4, April 2016, pp.99-103

**Ms. Sheetal Thomas, Assistant Professor**

- ***“A Successful Microfinance to Bank: A Case Study of Bandhan”*** International Journal of Science Technology & Management, ISSN 2394-1537, Volume No.04, SI(01), September,2015 pp. 513-521.
- ***“Franchise Accounting: A Cases Study of Mr. Puff”*** Handbook of Management Cases, ET Cases, Times Centre for Learning Ltd., ISBN: 978-81-931001-3-4, pp. 93 -103

**Mr. Rajesh Sadhwani, Assistant Professor**

- ***“Ease of Doing Business and Its Impact on Foreign Direct Investments in India”***, Ease of Doing Business: Contemporary Issues, Challenges and Future Scope, ISBN: 978-93-5254-009-9

**Ms. Kirti Makwana, Assistant Professor**

- *Strategically Leveraging CSR as A Recruitment Tool To Enhance Organizational Attractiveness” –A Survey of It Professionals of Gujarat”, International Journal of Management (IJM), ISSN Print: 0976-6502 (Co-authored with Dr. Govind Dave)*

**Ms. Krima Patel, Assistant Professor**

- *“Women Entrepreneurship in India: Obstacles and Challenges”, International Journal of Entrepreneurship & Business Environment Perspectives, Volume 4, Number 3, July – September, 2015, ISSN: 2279-0918*

**Dr. Bhaskar Pandya, Associate Professor & Head, Humanities & Social Sciences**

- *“Technology Integrated English Language Teaching: A Shift towards New Methodologies in ELT”, ELT Voices International Journal for the Teachers of English, Volume- 6 , ISSN:2230-9136*

**Mr. Kaushik Trivedi, Assistant Professor**

- *“Articulating Learning Objectives of Courses on Communication Skills: A Motivating Approach for the Students of Professional Programs to Enrich Their Communication Skills In English”, Indian Scholar – An International Multidisciplinary Research E-journal, Volume-4, ISSN: 2350-109X, June 2016, pp. 87-88*
- *“Bridge Courses and Orientation Programs on English Language: An Effective Tool to Meet the Training Needs of Students enrolled on Professional Programs”, Samiksha – An International Journal of Multidisciplinary Academic Research, Volume-4, ISSN: 2320-3420, February 2016, pp. 47-49 (Co Author with Dr. Bhaskar Pandya)*

**Mr. Gaurav Thakarar, Assistant Professor**

- *“Soft Skills Training: Need to Employ Ability for Employability among Indian Graduates”, Spunk Multidisciplinary Research Journal, Volume-2, ISSN: 2395-7417, January 2016, pp. 169-171*

**Ms. Krishna Parikh, Assistant Professor**

- *“Using Common European Framework of Reference for Enhancing Listening Skills of EFL Learners”, the Research Journal of English Language and Literature, Volume*

No.4, ISSN Number: 2395-2636(Print) 2321-3108(Online), April-Jun, 2016, pp. 268-278.

Impact factor: 4.26

- **“Value Education: Tasks and Techniques”**, *SPUNK Multidisciplinary Research Journal*, Volume No.2, ISSN Number 2395-7417, January, 2016, pp. 70-73. (Co-Author with Mr. Vijay Makwana)

### **Presentations**

#### **Dr. Pranav Desai, Assistant Professor**

- **“Prominence of IMC during Product Recall: A Shifting Paradigm in Marketing Communication”** in International Communication Management Conference (ICMC) organised by MICA, Ahmedabad Shela Village, Ahmedabad during February 18-20, 2016

#### **Dr. Bhaskar Pandya, Associate Professor & Head, Humanities & Social Sciences**

- **“Instilling (Indian) Values in the Students Enrolled on Professional Programs Through Curriculum Reforms”** in National Conference on *Sustainable Innovative Practices To Retain & Promote Indian Brain Gain Globally* organized by S S P Jain Arts & Commerce College, Dhrangadhra on January 10, 2016

#### **Mr. Kaushik Trivedi, Assistant Professor**

- **“Employability Skills and Indian Graduates”** in National Conference on *Sustainable Innovative Practices To Retain & Promote Indian Brain Gain Globally* organized by S S P Jain Arts & Commerce College, Dhrangadhra on January 10, 2016

#### **Mr. Robert Parmar, Assistant Professor**

- **“Charusat Rural Education Development Program; Amelioration of Rural Schools of Gujarat”** in National Conference on *Sustainable Innovative Practices To Retain & Promote Indian Brain Gain Globally* organized by S S P Jain Arts & Commerce College, Dhrangadhra on January 10, 2016

#### **Ms. Krishna Parikh, Assistant Professor**

- **“English at Ease – Exploring Strategies to Implement Common European Framework of Reference in Indian Context”** in International Conference on *Contemporary Research in English Studies: Global Perspectives* organized by The Global Association of English Studies, in collaboration with The Waymade College of Education at Vallabh Vidyanagar, Gujarat, India, held during February 4-6, 2016

- “**Academic English - the Essential English**” in International Conference on *Contemporary Research in English Studies : Global Perspectives* organized by The Global Association of English Studies, in collaboration with The Waymade College of Education at Vallabh Vidyanagar, Gujarat, India, held during February 4-6, 2016 (*Co-presenter: Mr. Vijay Makwana*)

#### **Workshops / Conferences / Seminars / FDP / MDP / Others Participated**

##### **Ms. Reshma Gunaji Sable, Assistant Professor**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016
- Workshop on "*Teacher Effectiveness*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held on 2 April, 2016

##### **Mr. Arpit Patel, Assistant Professor**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

##### **Mr. Pranav Desai, Assistant Professor**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

##### **Ms. Sheetal Thomas, Assistant Professor**

- Workshop on "*Teacher Effectiveness*" organised by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held on 2 April, 2016

##### **Mr. Rajesh Sadhwani, Assistant Professor**

- “*NISM Series V-A: Mutual Fund Distributor Continuing Professional Education Program*” by National Institute of Security Market at Ahmedabad Management Association, Ahmedabad held on 28 May, 2016
- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

##### **Ms. Kirti Makwana, Assistant Professor**

- *Diploma in Shipping and Logistics*, organised by Ahmedabad Management Association, Ahmedabad during May 14-15, 21- 22, 28, 2016
- Workshop on "*Teacher Effectiveness*" organised by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held on 2 April, 2016.
- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Ms. Krima Patel, Assistant Professor**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Mr. Binit Patel, Assistant Professor**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Dr. Bhaskar Pandya, Associate Professor & Head, Humanities & Social Sciences**

- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Mr. Kaushik Trivedi, Assistant Professor**

- One Day Workshop on "*Human Values in Higher Education*" organized by Yogi divine Society – Atmiya Vidya Dham, Vidyanagar on March 06, 2016
- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Mr. Gaurav Thakarar, Assistant Professor**

- One Day Workshop on "*Human Values in Higher Education*" organized by Yogi divine Society – Atmiya Vidya Dham, Vidyanagar on March 06, 2016
- Workshop on "*Enhancing Life Skills*" organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016



**Mr. Robert Parmar, Assistant Professor**

- One Day Workshop on “*Research Orientation*” organized by Research Congress, Hemchandracharya North Gujarat University, Patan on December 25, 2016.
- Workshop on “*Enhancing Life Skills*” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Ms. Krishna Parikh, Assistant Professor**

- Six Day Workshop on “*Life Skills*” organized by Pri. B I Patel Human Resource Development Center, CHARUSAT, Changa during June 7-13, 2016
- Six Days “*Orientation Programme*” organized by B I Patel Human Resource Development Center, CHARUSAT, Changa during May 30 to June 4, 2016

**Mr. Vijay Makwana, Assistant Professor**

- Workshop on “*Enhancing Life Skills*” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016
- Six Days “*Orientation Programme*” organized by B I Patel Human Resource Development Center, CHARUSAT, Changa during May 30 to June 4, 2016

**Mr. Kiran Vaghela, Assistant Professor**

- Workshop on “*Enhancing Life Skills*” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016
- Six Days “*Orientation Programme*” organized by B I Patel Human Resource Development Center, CHARUSAT, Changa during May 30 to June 4, 2016

**Ms. Kinjal Bhatia, Assistant Professor**

- Workshop on “*Enhancing Life Skills*” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016
- Six Days “*Orientation Programme*” organized by B I Patel Human Resource Development Center, CHARUSAT, Changa during May 30 to June 4, 2016

**Mr. Gaurav Thakarar, Assistant Professor**

- Workshop on “*Enhancing Life Skills*” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016



- Six Days “**Orientation Programme**” organized by B I Patel Human Resource Development Center, CHARUSAT, Changa during May 30 to June 4, 2016

**Mr. Kiran Vaghela, Assistant Professor**

- Workshop on “**Enhancing Life Skills**” organized by Pri. B.I. Patel Human Resource Development Centre, Charotar University of Science & Technology (CHARUSAT), Changa, held during 22-28 June, 2016

**Faculty Achievements /Honors/ Awards to the Faculty**

**Dr. Govind B Dave, Dean, FMS and Principal, I<sup>2</sup>IM**

- Member of the Editorial Board and ‘**Reviewer**’ for the International Journal titled ‘Asia Pacific Journal of Marketing and Logistics’ (ISSN 1355 – 5855) of Emerald Group Publishing Ltd., United Kingdom
- Appointed as a **reviewer** for 58th Annual Meeting of the Academy of International Business (AIB) - 2016 organized in New Orleans, USA held on June 27-30, 2016

**Dr. Pranav Desai, Assistant Professor**

- Awarded Doctor of Philosophy (Ph D) in Management on “**Multi-sector Investigation of Product Recall**” in March 2016 from Dharmsinh Desai University, Nadiad

**Mr. Rajesh Sadhwani, Assistant Professor**

- Awarded with the best paper award in International Conference on “**Ease of Doing Business: Contemporary Issues, Challenges and Future scope**” organized by Gujarat Technological University at Ahmedabad held during 09 - 10 October, 2015

**Ms. Kirti Makwana**

- Appointed as a **Reviewer** for 58th Annual Meeting of the Academy of International Business (AIB) - 2016 organized in New Orleans, USA held on June 27-30, 2016

**Expert Sessions Delivered**

**Ms. Sheetal Thomas, Assistant Professor**

- Conducted a session on “**Managerial Accounting**” at Parul Institute of Business Administration, Vadodara on 12 April 2016.

**Mr. Binit N Patel**

**Assistant Professor (I<sup>2</sup>IM, FMS, CHARUSAT)**

- Delivered a session on “*Web Application Development & Internet Technology*”, at S.G.M College of Commerce and Management (SEMCOM), Vallabh Vidyanagar on August 22, 2015.

### **Extension**

### **Academic Programs Organised**

### **Research Projects Completed / Reports Prepared**

- Institute is currently caring out District Human Development Report (DHDR) for Vadodara and Chhotaudepur Districts which are funded by Gujarat Social Infrastructure Development Society (GSIDS).

### **Seminars / Workshops / FDPs / Other Programmes / Events Organized**

### **Workshops/ Seminars Organised Under Endowment Chair and Distinguished Lecture Series (DLS)**

CHARUSAT has initiated establishment of Endowment Chair for each of the university’s faculties. Endowment Chair of Faculty of Management Studies (FMS) has been established on September 21, 2013. The *Endowment Chair* is established with the purpose of promoting excellence in Department/ Institute / Faculty.

This may entail:

- Inviting distinguished professors of National and International repute.
- Promoting research and innovation
- Organising seminar/ workshop/ other such activities.
- Extension activities for benefit of the society.
- Any other activity which may be approved by the Provost.

### **Objective of the Seminar**

***DISTINGUISHED LECTURE SERIES (DLS)*** aims to invite prominent persons with academic / industry experience across spectrum so as to provide in-depth knowledge/ exposure to students, faculty members in particular and all other participants in general.

Following workshops and seminars were conducted / organized under Distinguished Lecture Series:

<b>Sr No.:</b>	<b>Date</b>	<b>Resource Person(s)</b>	<b>Title of Seminar / Workshop</b>
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1	March 3, 2016	<b>Shri. Vishnubhai Patel</b> <i>Trustee, Martusanstha and Kelavni Mandal</i> USA	Leanings of My Life
2	March 1,2016	<b>Shri. Hemal Patel</b> <i>Senior Vice President , Sophos</i> CEO, Cyberoam Ahmedabad	Risk Mitigation by Innovation
3	September 28,2015	<b>Mr. Saleel Pulekar</b> <i>International Faculty</i> Art of Living Foundation Mumbai <b>Dr. Krishna Updhyay</b> <i>Art of Living, Vyakti Vikas Kendra</i> Anand	Art of Living – Youth Empowerment Skills (YES+)
4	September 11,2015	<b>Dr. Arun Dave</b> <i>Managing Trustee</i> Lokbharti Gramvidhyapith Sanosara	Importance and Implementations of Values and Ethics in Personal as well as Professional Life
5	September 8, 2015	<b>Mr. Bhagwat Yagnik</b> <i>Consultant - Facilitating Cultural Transformation &amp; Designing Predictable Organizational Architecture, Gurgaon</i>	Unearth Your Submerged Potential

### Workshops/ Seminars Organised Under Faculty Colloquium (FC)

In order to strengthen interaction among faculty members in areas of Teaching, Learning and Research and to enable them to share ideas and best practices, Indukaka Ipcowala Institute of Management, Faculty of Management Studies, CHARUSAT initiated a Faculty Colloquium in September 2013.

Following workshops and seminars were conducted / organized under Faculty Colloquium.

Sr No.	Date	Resource Person(s)	Title of Seminar / Workshop
1	December 26,2015	<b>Mr. J C Shukla</b> <i>CEO, Management Consultant</i> NAHAK Overseas Ltd.,Vadodara	Entrepreneurial Opportunities for Students
2	September 4,2015	<b>Mr. Jasvinder Singh Goolry</b> <i>CEO</i> Academy for Computer Training	Technology Integrated Language Teaching

		(Guj)Pvt. Ltd. , Ahmedabad	
3	July 30,2015	<b>Ms. Rajeshwari Venkatraman</b> <i>Zone Director, JCI, Coimbatore</i> <b>Ms. Subhashini Eswar</b> <i>National Trainer JCI</i> <i>Indian Junior Chamber, Coimbatore</i>	Stress Management

### Faculty Development Programmes

Faculty Development Programme on “*Application of Statistical Software in Research*” was organized by the institute during 6 – 11 June, 2016. A total of nine participants (Ms. Reshma Sable, Mr. Arpit Patel, Dr. Pranav Desai, Ms. Sheetal Thomas, Mr. Rajesh Sadhwani, Ms. Kirti Makwana, Ms. Krma Patel, Mr. Binit Patel, Mr. Snehal Bhatt) from I<sup>2</sup>IM actively participated.

Six Day Faculty Development Programme on “*Teaching, Learning, Evaluation, Research and Consultancy in Humanities and Social Sciences*” was organized by the institute during June 13-18, 2016. Total 9 faculty members of HSS participated in this FDP. The renowned national level resource persons includes Dr. Rajendrasinh Jadeja, Former Director, H M Patel Institute of English Training and Research; Dr. Nigam Dave, Director and Professor, Liberal Studies, PDP; Dr. Mahendra Chotaliya, Former Director, Research, Children University, Gandhinagar & Head, Department of Education, S P University; Dr. Ishmit Kaur & Dr. Saurabh Sharma, Professors, Central University of Gujarat.

### Institute Community Service

**Prayaas: An Effort for Humanity** is an initiative for community service by Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa.

Prayaas is an endeavor to make a difference to the community. It aims to give underprivileged a ray of hope and support that would give them a chance for a better future. Prayaas provides volunteer opportunity to the Management student community of I<sup>2</sup>IM, to learn management of initiatives and social responsibility with benefits for the society. Prayaas can help them to widen their perspectives of management and at the same time their involvement can benefit to create greater social good. Prayaas is continuously directed to accomplish the following five objectives.

#### 1. Helping Hands

#### 2. Spreading Smiles

#### 3. Enlightening Lives

- *Career Guidance*

- *Life Management Skills*

#### **4. Celebrating Joys**

#### **5. A Ray of Hope**

##### **1) Helping Hands**

No hand is holier than the hand given to help for the needy, with this objective under Helping Hands; student of BBA programme of Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa distributed winter clothes to needy people on January 1, 2016.

##### **2) Spreading Smiles**

Nobody needs a smile so much as the one that has none to give. Sometimes your joy is the source of someone's smile, but sometimes your smile can be the source of someone's joy. To spread heart-warming smiles like sunshine in a dreary world, Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa organized the following activities under spreading smiles:

###### **a.) Visit to Orphan-Age**

Students along with a faculty member of Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa visited an Orphan-Age home-Doltbaa Anath Ashram, Nadiad on August 8, 2015 to spread smiles among children by gifting them necessities for daily life and playing games.

##### **3) Enlightening Lives**

###### **a.) Career Guidance**

Climbing to the top requires strength, whether it is to the top of a mountain or to the top of your career, with this deliberation; students along with a faculty member of Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa conducted Career Guidance seminars to students from various schools of Gujarat.

###### **b.) Life Management Skills**

The most important life skill is the ability to learn. By learning new skills we increase our understanding of the world around us and equip ourselves with the tools we need to live a more productive and fulfilling life. Life skills are not always taught directly but often learned

indirectly through experience and practice therefore Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT- Changa organized a visit on August 9, 2014 to villages like Narsanda, Piplag, Dumral, Chaklasi, Ajarpura and other nearby villages to create awareness among the people through video screening and demonstration.

*Awareness issues were like:*

- Cancer awareness
- 108 emergency services
- Consumer Awareness (Jago grahak jago)
- Dengue awareness
- Hygiene-The way of life
- Earthquake safety tips
- How to survive in a heart attack when one is alone.

## 5) A Ray of Hope

- **a) Nature Care: Tree Plantation**
- A Tree Plantation day was organized as on August 8, 2015 in High schools of Nadiad, Vaso, Palana, Tundel, Pij, Dabhan, Rampur, Dumral, Piplag, Bhumel villages of the Charotar region. Generous contribution of 400 plants (Gulmohar) from forest department had been extended from Petlad nursery to accomplish the objective.

## b.) Role Play

- Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), CHARUSAT –Changa organized Role
- Play activities on themes of education and healthcare on August 8, 2015 in Bandhani, Khambat, Mehla, Padgol villages of Charotar Region.

## Infrastructure and Learning Resources

### Computers as Infrastructure and Learning Resource

The Institute has following resources:

Computer Centre	Number of Terminals
3 Internet labs	120 Computer Systems

### Library as Learning Resource

The institute has a state of art library with more than 13854 books comprising 12152 titles and 1572 CD's on variety of management topics and about 71 national and international journals (Printed and E-Version).

Online journal database Ebsco, Emerald and J-Gate is also accessible. Institute is also focusing on research and software SYSTAT is accessible for that purpose. AceEquity database is accessible to all the students and faculty members for working on financial data and for management and market decision making process. The institute is a member of Vikram Sarabhai Library, Indian Institute of Management, Ahmedabad (IIMA) and Ahmedabad Management Association, Ahmedabad (AMA) and British Council Library, Ahmedabad.

Particular	No. of Titles	No. of Volumes	Amount Invested Till Date
Books	12152	13854	5580902.00
<b>Journals (Print / Online)</b>			
Print	On a Avg. 71 Journals / Magazines per year		1557560.00
E-database	AceEquity, EBSCO and Emerald Database, J-Gate, etc.		1653528.00

### Student Achievements and Award

#### Annual Day

**Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM)**, a constituent institute of Charotar University of Science and Technology, CHARUSAT Campus, Changa celebrated its **10<sup>th</sup> Annual Day** on Saturday, March 12, 2016 in the eminence presence of Mr. Nilesh Shukla, President, Vadodara Chamber of Commerce and Industry (VCCI), was invited as Chief Guest of the Annual Day. Dr. Govind Dave Principal, Indukaka Ipcowala Institute of Management and Dean, Faculty of Management Studies presented the Annual Report of I<sup>2</sup>IM which included various activities held by the institute throughout the academic year 2015 - 2016. The Annual Report summarized details of Teaching, Learning and Evaluation, Innovations and Best Practices, Result, Achievements of Students, Student Support and Progression Initiatives, Industries-Academia Linkages, Prominent Curricular and Extra-curricular Activities on campus and Social Initiatives taken by students and management at I<sup>2</sup>IM. Meritorious students were awarded with prizes during the event.

## **Talent Search and Nourishment**

### **CONVEGNO 2016**

***“Love your Job, Your Job will Love you”*** : Shri Dholakiya @ I<sup>2</sup>IM,CHARUSAT during 7<sup>th</sup> Management Meet – Convegno 2016 organised by Indukaka Ipcowala Institute of Management. The event was organised with an aim of nurturing globally competent managers, during February 12 - 13, 2016. More than **2500** students of management from 75 B-Schools across the nation participated and benefitted in this gala management meet. As a part of 250<sup>th</sup> MANAS and as the Chief Guest of Convegno 2016, Mr. Dholakiya addressed students on ‘Family Business and Entrepreneurship’. “The overall objective of the meet was to enable the future business tycoons and entrepreneurs to build up professional sanctum across the country. It also aspires to help the participants assess their level of confidence and potential in several functional areas of management.

### **National Level Essay Competition 2016**

The institute organized an **Essay Competition** organized as a Prelude to Convegno – A Management Meet during February 02, 2016 for the students of higher education institutes across the nation. The competition had an overwhelming response from the institutes across the nation. In all, the competition had a total registration of **1242 students**. All the Participants were given certificate of participation. The Winner of the Competition was rewarded with Trophy, Certificate of Merit and Rs. 5000/- cash prize. The 2<sup>nd</sup> and 3<sup>rd</sup> Rank students were rewarded with Rs. 2000/- and 1000/- cash prize respectively along with certificate of merit.

### **Academy for Graduate Admissions and Competitive Examinations (AGACE )**

AGACE (Academy for Graduate Admissions and Competitive Examinations) at Indukaka Ipcowala Institute of Management was established in August – 2015 as a part of Celebration of I<sup>2</sup>IM's 10<sup>th</sup> year of Academic Excellence . The objectives of the Academy primarily include providing overall guidance, quality assistance / coaching to aspiring immigrants of CHARUSAT and other local community who are desirous to enhance their career prospects. The academy provides coaching for ‘Foreign Going Competitive Examinations’ like IELTS, TOEFL, GRE and GMAT. Since the inception of AGACE, 50 students have been trained for first IELTS and TOEFL. Currently the academy is providing coaching for IELTS, TOEFL, GRE. Coaching for other tests/exam like SCOPE, GPSC and GMAT are in pipeline.



## **Alumni Association**

### **Alumni Meet**

*Alumni Meet* of Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), Faculty of Management Studies, Charotar University of Science and Technology (CHARUSAT), Changa was organized on Sunday, December 20, 2015. The meet was organised for institute's former student (MBA/PGDM 2006-08, 2007-09, 2008-10, 2009-11, 2010-2012, 2011-13, 2012-14, and 2013-15 Batches). The meet was organised with twin objective of Briefing and Constitution of the Alumni Association as per University Norms and Interaction with the aspiring managers to its former students.

The Institute has invited former students for Alumni Meet through Telephone, email and Social networking sites. A total of 100 former students participated in the meet.

The true measure of a university's magnitude can be found in the achievements of its alumni. A good number of the University's alumni and alumnae have gained unique distinction through success in their respective field. With the strong belief in alumni's hard work and success, Indukaka Ipcowala Institute of Management has initiated ***Distinguished Alumni Award*** for the first time in its history. This award recognizes any distinct achievement in one and/or all three of the following areas:

1. Professional achievement
2. Community service
3. Exceptional service to Institute / University

Mr. Deval Patel (MBA 2006-08) was awarded with Distinguished Alumni Award 2015 for his professional achievement.

### **Placement Services Provided to Students**

Indukaka Ipcowala Institute of Management (I<sup>2</sup>IM), Faculty of Management Studies, a constituent of Charotar University of Science and Technology (CHARUSAT) has organized the following activities as a part of Placement Assistance Programme (PAP) with an aim to equip them with the required skills, knowledge and attitude generally solicited by organizations during recruitment:

- A seminar on '*Placement Assistance Programme*' delineating complete placement process (In-off Campus) was held on July 15, 2015. A total of 92 students participated in the seminar.
- A Questionnaire Session on '*Students Placement Inputs*' aimed to get genuine inputs of students career plans was organized on July 15, 2015. The information so generated through the questionnaire and counseling. Table 1 shows students career plans:
- A workshop on 'Soft Skills Training' was held during July 27-30, 2015. A total of 129 students registered and participated in workshop.
- A workshop on '*Curriculum Vitae (CV) / Resume Designing*' and to impart *Placement Etiquettes* was held on, October 10, 2015. A total of 30 students participated in the workshop.
- A total of 89 Students participated in a global talent assessment "WEST" (Wheebox Employability Skill Test) based on Adaptive test contains Aptitude, Domain, Behavioral modules
- A workshop was administered under '*Myers Briggs Type Indicator*' (MBTI) test for 120 students on January 5, 2016. A total of 123 students participated in the workshop.
- A workshop on '*Group Discussion*' with an aims to a structured but informal exchange of knowledge, ideas, and perceptions among the participants on any issue, topic or sub-topic for 120 students on January 6, 2016.
- A workshop on '*Mock Group Discussion*' was organized on January 8, 2016 for 79 students in total 10 teams.

**Table 1- Career Plans / Placement**

<b>Career Plans / Inputs Provided by Students</b>	<b>No. of Students</b>	<b>Remarks</b>
Entrepreneurs / Family Business	03	-
Further Studies	22	Actually based on multiple choices there are many students who are interested to pursue higher studies but only have clear
Plan for Overseas	12	
Placement Assistance Required /Short-term Jobs / Requires time	74+8= 82	Many job offers are tapped and available for them

for deciding future		
Opted out of the PAP	24+03=27	Based on inputs received
<b>Total</b>	<b>146</b>	-

Total numbers of students interested to participate and avail the benefits of Placement Assistance Programme offered by I<sup>2</sup>IM were **82**.

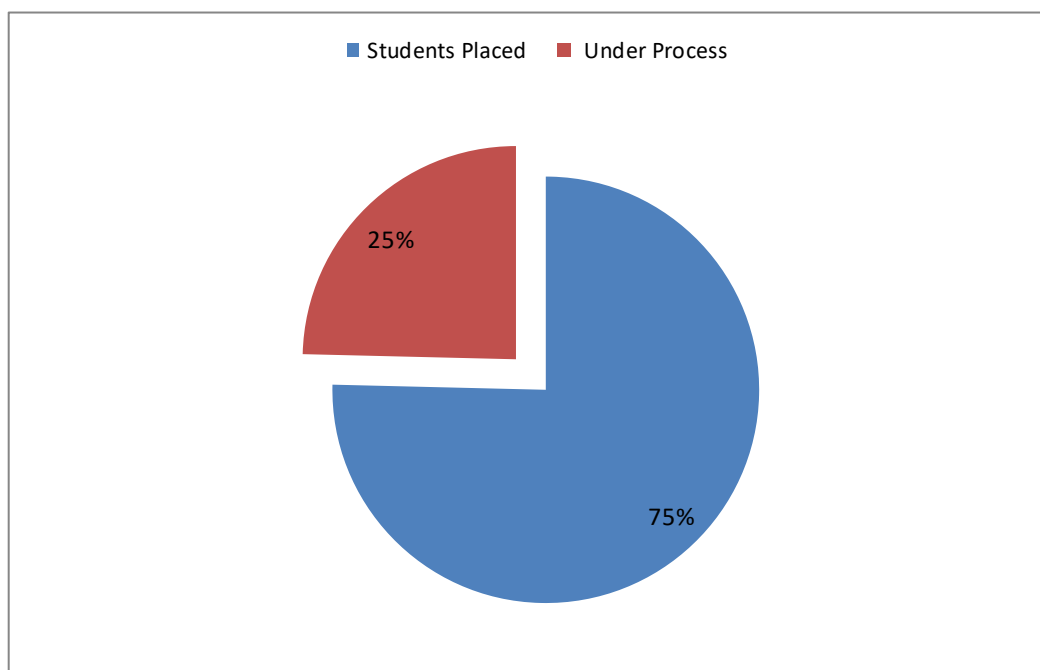
The numbers of students eligible as per the requirement of 6 SGPA are 65; the placement policy also requires that the student should have been energetically involved in all the activities of PAP. Thus the table above shows the involvement of student for different activities. The actual numbers of students who comply with all policy directions are **44**. Still with special permission of the Principal and Dean **65 students** who have 6 SGPA are considered eligible for placement support.

Thus students **eligible and interested** in placement assistance from campus are **65**.

**Table 3 Details of Offers Generated**

Sr. No	Details	No of students MBA/PGDM	No of Offers Received	Average Per Student Offer received
1	Interested	<b>82</b>	<b>219</b>	<b>2.68</b>
2	Eligible	<b>65</b>	<b>219</b>	<b>3.38</b>

**Figure 1 Percentage of Students Placed (MBA/PGDM Batch 2014-16)**



### List of Organization (On/ Off Campus)

Sl. No.:	Name of Organization	Offers Received	No. of students Selected / Shortlisted
1	4C Consulting Pvt. Ltd.	5	0
2	Kwikjobs Handyman Services Pvt. Ltd.	25	0
3	A.S. Renewable Energy Pvt. Ltd.	2	2
4	Adept Recruiting	1	0
5	Aegonlife Insurance Co. Ltd	5	12
6	Alembic Pharmaceuticals Ltd. for MBA	2	0
7	Asanjo Group	NA	NA
8	Assure Management Consultancy	10	3
9	Astron Packaging Ltd	3	2
10	Axis	10	4
11	Collabera Technologies	2	1
12	Decathlon Sports India Pvt. Ltd.	11	0
13	eClinical Works	5	1
14	Endeavor Careers Pvt. Ltd.	5	0
15	Fedora Solutions	2	0
16	HDFC Bank	2	0
17	HR RE Engineers	5	0
18	ICICI Prudential Life Insurance	15	4
19	ICICI Securities Limited	6	3
20	IIFL	5	0
21	IndusInd Bank Ltd.	5	2
22	International Recruitments	NA	NA
23	Iolite Softwares Pvt. Ltd.	5	1
24	J M Financial Service Limited	2	0
25	Khodiyar Group	2	0
26	Krish TechnoLabs Pvt Ltd	2	1
27	Lendingkart Technologies Pvt. Ltd.	3	1
28	National Cooperative Dairy Federation of India Ltd.	1	1
29	NJ India Invest pvt Ltd	10	0
30	ORBIT IT HR Solutions	3	0
31	Prakash Chemicals Agencies	2	1
32	Premier Consultants	5	0
33	Ricasil Industries	2	0
34	Rishabh Software	5	0
35	ROTOMAG MOTORS & CONTROLS PVT. LTD.	2	2

36	S&P Global	NA	NA
37	Sarthee Consultancy	8	0
38	Seawind Solution Pvt. Ltd.	NA	NA
39	Shriram Transport Finance Company Limited	1	0
40	Standard Chartered Bank	2	0
41	Tata Institute of Social Sciences	5	UP
42	TCS	10	1
43	Tech Mahindra	5	2
44	Triveni Sarees & Ethnics & SMEEdge - a Technology company.	2	1
45	Universal Hunt	10	4
46	VVNLive	5	0
47	Wipro	2	UP
<b>Total</b>		<b>220</b>	<b>49</b>

### Other Distinct Practices

The institute emphasizes faculty development and has endorsed the growing needs for “**Industry Exposure Training**” (IET) for faculty members and envisages establishing and strengthening industry-institute linkages and contribute to industry requirements in particular and those that of society in general. The table below provides details of list of organisations visited by faculty members for a period of six days.

Sr. No.:	Name of the Faculty Member	Name of the Organisation	Place	Dates
1	Ms. Reshma Sable	Mahindra Gujarat Tractor Limited (MGTL)	Baroda	June 13-18, 2016
2	Mr. Arpit Patel	CHARUSAT Hospital	Changa	
3	Mr. Pranav Desai	Associated Broadcasting Company Pvt Ltd. (TV9)	Ahmedabad	
4	Ms. Sheetal Thomas	Transtee Seating Solutions Pvt. Ltd.	Bengaluru	June 20-25, 2016
5	Mr. Rajesh Sadhwani	Prudent Broking Services Pvt. Ltd.	Ahmedabad	June 13-18, 2016
6	Ms. Kirti Makwana	Rotomag Motors & Controls Pvt. Ltd.	Anand	
7	Ms. Krima Patel	ELink Technologies Pvt. Ltd.	Mumbai	
8	Mr. Binit Patel	Western Engineering Works	Anand	
9	Mr. Snehal Bhatt	Emcure Pharmaceuticals Pvt. Ltd	Ahmedabad	
10	Ms. Krishna Parikh	EON Meditech Pvt. Ltd.	Surat	June 24 - July 01, 2016

## **FACULTY INDUSTRY EXPOSURE (FIE) -2016**

With increasing need of Industry exposure and training, Indukaka Ipcowala Institute of Management, a constituent of Charotar University of Science and Technology (CHARUSAT) initiated Faculty Industry Exposure programme in the May 2013 as a part of Summer Internship Programme (SIP). The programme was commenced with the aim of providing Industry Exposure, Training and Learning to Faculty Member. The learning derived from the FIE will help in teaching – learning process and research.

In the year 2016, the institute added one more feather to FIE, i.e. visiting the organisations under Organisation Attachment Programme (OAP). This year students carried out their projects in a total of **116** (61 – SIP and 55 – OAP) organisations under various sectors like Media, Banking, Consulting, Consumer goods, Financial Services and many more. The following information presents details of organisation visited by faculty member as a part of FIE.

Sr. No.:	Year	Programme	Course	No. of Organisation	No. Organisation Visited
1	2016	MBA and PGDM (2015-17)	SIP	61	43
2		BBA (2014-17)	OAP	55	22
Total				116	65

### **List of the Organisations Visited Under SIP**

<b>Sr. No:</b>	<b>Organisation</b>	<b>Place</b>
1	Aatmiya Realty	Vadodara
2	ADF Foods	Nadiad
3	Anupam Industries Limited	Anand
4	ARCOGUL	Anand
5	Babaria Foods	Ahmedabad
6	Bank of Baroda	Anand (3 Branches)
7	Bank of India	Ahmedabad
8	Baroda Dairy	Vadodara
9	Big Bazaar	Vadodara
10	Business Standard	Ahmedabad
11	Century Pharmaceuticals	Vadodara

12	Champion Paints	Anand
13	CHRF	Changa
14	Coca-Cola	Goblej
15	Cryogas Industries	Vadodara
16	Deepak Nitrite	Vadodara
17	E-Chai	Ahmedabad
18	Gujarat State Fertilizer Corporation	Vadodara
19	IDBI Life Insurance	Ahmedabad
20	J. M. Financial Services Limited	Vadodara
21	Kalupur Co-operative Commercial Bank	Anand
22	Klick Digita Express	Surat
23	Kohinoor Techno Engineers Limited	Surat
24	Lakkad and Co.	Surat
25	Manpasand Beverages Ltd.	Savli
26	Milcent	Anand
27	Mint	Ahmedabad
28	My Wealth Creator	Anand
29	ONGC	Khambhat
30	Oswal Machinery Limited	Anand
31	Power Build Pvt. Limited	Anand
32	Prime Cooperative Bank	Nadiad
33	Rockers Technologies	Vadodara
34	Rotomotive Powerdrives India Ltd	Anand
35	Seawind Solution Pvt. Ltd.	Ahmedabad
36	Shaily Engineering Pvt. Ltd.	Vadodara
37	Sumul Dairy	Surat
38	Times of India	Ahmedabad
39	Universal Medicap Ltd.	Vadodara
40	Warm Stream	Anand

41	Western Engineering	Anand
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### List of the Organisations Visited Under OAP

Sr. No.:	Organisation	Place
1	Banco Products India Ltd	Vadodara
2	Berger Paints India Limited	Anand
3	C.M. Smith & Sons Co.	Nadiad
4	Diya Flour Mills	Anand
5	Diya Flour Mills	Anand
6	EIMCO Elecon Ltd.	Anand
7	Kaira Can Co. Limited	Nadiad
8	Laxmi Snacks Pvt. Ltd.	Nadiad
9	Manpasand Beverages Limited	Vadodara
10	Marigold Paints Private Limited	Anand
11	NJ India Invest	Ahmedabad
12	SGS India Pvt Ltd	Ahmedabad
13	Shah Paperplast Industries	Nadiad
14	Sunfree Heat Industries	Anand
15	Terrene Pharma	Vadodara
16	The Kaira District Cooperative Milk Producers' Union Ltd. (AMUL)	Vallabh Vidhyanagar
17	Vim Dye Chem Pvt. Ltd	Ahmedabad

### Holistic Exposure Learning Programme (HELP)

I<sup>2</sup>IM celebrated its 10<sup>th</sup> Academic year of establishment on August 8, 2015. On this historic occasion and as a part of ***Holistic Exposure Learning Programme (HELP)***

- MBA and PGDM Programmes (Batch 2015-17) students were on field visit under Phase - III of their *Orientation Programme* which consist of community outreach activities.
- MBA and PGDM Programmes (Batch 2015-17) students had Pre-Mentor–Mentee interactions.



- MBA and PGDM Programmes (Batch 2014-16) and BBA Programme (Batch 2014-17/19, 2015-18/20) students got a platform for open exchange of academic and non-academic discussions with their mentors (faculty members) under Mentoring Programme.
- MBA and PGDM Programmes Second year students got an opportunity to interact with First year students and learn about the culture of the institute in general and management practice in particular.
- Ten teams (consisting of Faculty Member and Students of MBA, PGDM and BBA Programmes) approached to approximately 10000 households of 100 villages in the state of Gujarat.
- Interactions with I<sup>2</sup>IMites,
- ***Under Prayaas - an I<sup>2</sup>IM initiative for community services:***
  - To create / increase awareness about CHARUSAT UNIVERSITY, CHRF-CHARUSAT HOSPITAL *among 5000 households of 100 Villages of Gujarat State.*
  - To profile populations / households in terms of age, education, occupation, diseases prevalent / contracted, annual income, monthly expenses, spending on healthcare, etc.
  - To practice management through concept of '*Learning by doing*' in societal setting / open systems.
  - To develop an understanding about needs of various stakeholders of the society through personal interactions and observations based on field visits.
  - Learning to liaise with and understand management models practiced by various agencies like Government, local bodies, private institutions, NGOs, etc.
  - To develop knowledge, skills and attitude among all aspiring managers' undertaking management education / training at I<sup>2</sup>IM.

### **Feedback from Stakeholder**

I<sup>2</sup>IM has a continuous improvement and updation policy regarding course curriculum / outline / syllabus and keeping this objective in mind, feedback on the same is collected from different stakeholders like:

- Students
- Parents
- Faculty Members
- Visiting Faculty Members
- Alumni
- Industry Experts and so on.

The Feedback for Course Curriculum from 2012 onwards was indicative that the course outline/ syllabi were appreciated but had scope for improvement in areas like:

- Enhancement of competencies
- Scope to incorporate contemporary issues
- Emphasis on Self-learning
- Different courses / training for Fast-Slow learners
- Modules which overlapped with other courses / modules.
- Improved course content based on industry requirements.
- Creation of self-learning opportunities.

The Feedback for Old Course Curriculum helped us to improve the Course Curriculum / outlines with effect from academic year 2012. The initial feedback on the new course curriculum as follows:

The Feedback from the previous academic year is reflective that:

- The courses taught in the MBA and PGDM programme are largely accepted as effective for career development and are as per industry standards.
- The students are able to link the courses they studied in first year of the programme with elective courses in second year of the programme.
- Syllabus revision and new courses have been introduced in 2015 batch onwards.
- New elective areas introduced have also been well appreciated by the students and other stake holders.
- The BBA syllabus establishes an appropriate mix of knowledge, skills, understanding and values as most of the students agree that the syllabus is helpful in improving their skills and understanding.
- The BBA syllabus also has an average of 4.4 rank in overall purpose of the course, indicating that the courses have good linkage with the objectives and learning's, thus emphasizing on outcome based learning model.

The average rank of feedbacks for Batch 2014-16 and 2015-17:

<b>Academic Year</b>	<b>Batch</b>	<b>Programme</b>	<b>Total Feedbacks Received ( 2 Semesters)</b>	<b>Average</b>
2015-16	2014-16	MBA/ PGDM	169	4.4
	2015-17	MBA/ PGDM	184	4.0
	2014-17	BBA+MBA	88	4.3
	2015-18	BBA+MBA	80	4.2

The average rank of feedbacks from other stakeholders is as following:

<b>Academic Year</b>	<b>Stakeholders</b>	<b>Total Feedbacks Received</b>	<b>Average</b>
2015-16	Parents	42	4.1
	Alumni	93	4.2
	Faculty Members	9	4.4
	Managerial Effectiveness	48	4.2
	SIP-PAP-FIE	32	4.2

### **Activities of Guidance and Counseling Units**

The Guidance and Counseling unit, named as Mentor-Mentee Programme at I<sup>2</sup>IM, has been designed to meet the needs of all I<sup>2</sup>IM students irrespective of their stream and semester. The programme is designed to be carried out from the time a student is admitted to I<sup>2</sup>IM and till the time he/she leaves the institute.

The main objectives of Mentor Mentee Programme @ I<sup>2</sup>IM are to assist/help students on following issues:

1. Academic Performance of student:
- 2 All Round Development of student
3. Absenteeism of student
4. Career Guidance
5. Social Issues

**Activities carried out under Mentor Mentee Programme @ I<sup>2</sup>IM are as follows:**

During 2015-16; some of the major activities carried out by using the Mentor-Mentee-System's structure are as follows:

- HELP Participation (Visit to villages for creating CHARUSAT awareness and generating details for the benefit of CHRF)
- Health Checkup for all mentees
- Resume Building activity
- Group Discussions
- CGCS Participation (Visit to schools and colleges for creating CHARUSAT and I<sup>2</sup>IM awareness in order to generate the perspective MBA/BBA students for I<sup>2</sup>IM.
- Organizing Parent Teacher Student (PTS) Meet.
- Continuous communication with parents related to concerns about student's progress and absenteeism issues if any.

In order to ensure a transparency in communicating the student's progress to their wards, two Parent-Teacher-Student (PTS) Meets were organized during the academic year.

The ***First Parent Teacher Student (PTS) Meet*** of the term was held on ***26<sup>th</sup> September 2015***, for MBA & PGDM students of batch 2014-16 (Sem-III), and 2015-17 (Sem-I). Students of BBA Programme 2014-17 (Sem-II) AND BBA Programme 2015-17 (Sem-I), also had their PTS meet on the same day. The details of PTS Meet conducted on 26<sup>th</sup> September 2015 are as follows:

**Parent Teacher Student (PTS) Meet 26 September 2015**

For all the four batches of FMS, total 400 Invitations were sent, out of which 133 parents of 125 students from all batches agreed to come for the PTS Meet, out of which 125 parents of 93 students turned-up for the PTS Meet on the decided day.

**The Batch-wise PTS Meet (Sep 26, 2015) Details are as follows:**

For BBA Programme (2014-17), out of 59 Invitations sent 18 parents of 23 students agreed to come for the PTS Meet, out of which 15 parents of 13 students turned-up for the PTS Meet on the decided day.

- For BBA Programme (2015-18), out of 62 Invitations sent 36 parents of 35 students agreed to come for the PTS Meet, out of which 38 parents of 24 students turned-up for the PTS Meet on the decided day.
- For MBA/PGDM Programme (2014-16), out of 150 Invitations sent 16 parents of 17 students agreed to come for the PTS Meet, out of which 20 parents of 20 students turned-up for the PTS Meet on the decided day.
- For MBA/PGDM Programme (2015-17), out of 129 Invitations sent 58 parents of 35 students agreed to come for the PTS Meet, and 52 parents of 51 students turned-up for the PTS Meet on the decided day.

The ***Second Parent Teacher Student (PTS) Meet*** of the term was held on ***12<sup>th</sup> March, 2016***, for MBA & PGDM students of batch 2014-16 (Sem-IV), and 2015-17 (Sem-II). Students of BBA Programme 2014-17 (Sem-III) and BBA Programme 2015-18 (Sem-II) also had their PTS meet on the same day. The details of PTS Meet conducted on 12<sup>th</sup> march 2016 are as follows:

#### **Parent Teacher Student (PTS) Meet 12th March 2016**

For all the four batches of FMS, total 388 Invitations were sent, out of which 75 parents of 75 students from all batches agreed to come for the PTS Meet, out of which 81 parents of 59 students turned-up for the PTS Meet on the decided day.

#### **The Batch-wise PTS Meet (Mar 12, 2016) Details are as follows:**

- For BBA Programme (2014-17), out of 58 Invitations sent 12 parents of 12 students agreed to come for the PTS Meet, out of which 11 parents of 10 students turned-up for the PTS Meet on the decided day.
- For BBA Programme (2015-18), out of 63 Invitations sent 27 parents of 27 students agreed to come for the PTS Meet, out of which 30 parents of 21 students turned-up for the PTS Meet on the decided day.
- For MBA/PGDM Programme (2014-16), out of 147 Invitations sent 06 parents of 06 students agreed to come for the PTS Meet, out of which 15 parents of 08 students turned-up for the PTS Meet on the decided day.
- For MBA/PGDM Programme (2015-17), out of 120 Invitations sent 30 parents of 30 students agreed to come for the PTS Meet, and 25 parents of 20 students turned-up for the PTS Meet on the decided day.

### Health Services

The institute has a track record of being registered one of the highest participation across university for health checkups organised by the university. On an average more than 92% of students have participated in the health checkup activities.

Sr. No	Academic Year	Programme	Semester	No. of Student Undertaken Health checkup	% of Students Participated
1.	2015-16	MBA	IV	115/127	90.55
			II	106/116	91.37
2		PGDM	IV	22/23	95.65
			II	07/08	95.65
2.		BBA	IV	54/56	96.48
3.			II	51/62	82.25

### Any Other Good Practices of the Institute

As a part of the course titled *Managerial Effectiveness* under MBA/PGDM programme, a component of *Interviewing High Profile Person / Personality* has been introduced with an objective of nurturing managerial skills, talents and wisdom based on real-life experiences of prominent person who have contributed to the society.

The course aims at preparing the students to internalize managerial personality traits so that they can perform their roles in their chosen careers with effectiveness. It also helps students to develop the negotiating and salesmanship skills and to manage their emotions for achieving a harmonious work-life balance.

In view of the above, a total of **146 students of Semester – IV, MBA and PGDM Programme (Batch 2014-16)** were meticulously trained and provided with opportunities to *Interview High Profile Person(s) / Personalities / Entrepreneurs* from diverse fields in the form of a research.

The details of some of the distinguished personalities who were interviewed along with their designations, name of the organizations and probable areas of contributions are as follows:

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
1	Mr. Dilipbhai Patel	Owner	Shyam Fibres	Mumbai
2	Mr. Rajesh Dabhi	Owner	Dabhi Scientific Glass Work	Vadodara
3	Mr. Sachin Patel	Owner	Grand Nakshatra Hotel	Anand
4	Mr. Viral B Patel	Owner	Yogiraj Transport	Narol
5	Mr. Alpesh Gangani	M.D.	Khodiyar Rolling Shutter Enterprise	Bardoli
6	Mr. H R Jamaliya	Owner	Shreeji Bio-Chem Industries	Lucknow
7	Mr. Vipul Kathrotia	Owner	Omtech Engineers	Vadodara
8	Mr. Vijay Sangani	Managing Director	Alex R&D And Enterprise	Anand
9	Mr. Yogesh Thakkar	Owner	Yogesh Khaman House	Ahmedabad
10	Mr. Chandravadan Doshi	Owner	Shrinathji Quartz Industries	Vadodara
11	Mr. Brahmabhatt Bhavin	C.E.O.	Elektrolytisk Factory	Ahmedabad
12	Mr. Arvindbhai Patel	Owner	Omkar Trading Company	Thane, Maharashtra
13	Mr. Dharamshibhai Shah	C.M.D.	Oswal Machinery Limited	Anand
14	Mr. Soham Patel	Owner	Fab India	Vadodara
15	Mr. Hemal Shah	C.E.O	Re-Engineering	Ahmedabad
16	Mr. Kamalkant Patel	Managing Director	Uniflex Packaging Pvt Ltd	Bamangaam
17	Mr. Dineshbhai Prajapati	Owner	Astha Developers	Ahmedabad

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
18	Mr. Suresh Shah	Owner	Superb Mach-Engineers	Ahmedabad
19	Mr. Snehal Kothari	Owner	Outsource India	Bangalore
20	Mr. Subhash Shah	Owner	Builders & Developers	Nadiad
21	Mr. Jigar Shah	C.E.O.	Heilous Solution	Vadodara
22	Mr. Dikul Patel	Chief Mentor	Dikulpatel Associates	Nadaid
23	Mr. Nimeshkumar A. Patel	C.E.O.	Vallabh Pesticides Ltd	V.V.Nagar
24	Mr.Rajeev Jani	Director	Ease & Confort Chair Pvt. Ltd.	Borivali
25	Mr. Hiren Gangani	Owner	Frontline	Ahmedabad
26	Mr. Bhaveshbhai Sutariya	Owner	Atmiya Fieldcon Pvt. Ltd.	Bakrol
27	Mr. Chandubhai Popatbhai Virani	Owner	Balaji Wafers Ltd	Rajkot
28	Mr. Atul Vekariya	Owner	Atul Bakery	Anand
29	Mr. Kaushal Jitendrabhai Desai	Owner	Honda Showroom	Ahmedabad
30	Mr. Satyendra Shah	Owner	Satyendra Packaging	Anand
31	Mr. Alpesh H Shah	Owner	Shraddha Food And Beverages	Ahmedabad
32	Mr. Ketan Patel	Owner	Patel Control Panel	Vatva
33	Mr. Rajubhai Vohra	Co-Owner	Sahil Organic Fertilizer Plant	Anand
34	Mr. Dinesh Nathwani	Co-Owner	Maa Polymers	Bhavnagar



<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
35	Mr. Kapil Adwani	Co-Owner	Zeenal Arts	Anand
36	Mr. Anant Tilwalli	Directors	Gururaj Engineers	Vadodara
37	Mr. Hardik Shah	Owner	Shantinath Packaging	Mumbai
38	Mr. Rakesh Pathak	Owner	Shayona Corporation	Ahmedabad
39	Mr. Nimesh Shah	Owner	Padmavati Petroleum	Mehsana
40	Mr. Shailesh Rao	Owner	Landmark Group Business	Ahmedabad
41	Mr. Dattu Bharatbhai Sukhadia	C.E.O.	Sukhadia Garbaddas Bapuji	Anand
42	Mr. Jigarbhai Patel	Owner	Shreeji Agri Biotech,Anand,Www.Shreejiagribiotech.Com	Anand
43	Mr. Akbar Monil	Owner	Vision Infotech	Vatsrapur
44	Mr. Vishal S Barot	Director	V B Laboratories Pvt. Ltd	Nadiad
45	Mr. Nehal Jaykrushnabhai	Owner	Satkar Industries	Ahmedabad
46	Mr. Shaileshbhai K Patel	Owner	Aaswad Papad	Nadiad
47	Mr. Atul Vyas	C.E.O.	Neo Coatings	V.V.Nagar
48	Mr. Himmatbhai Bhatiya	Owner	Kessi Febrics Pvt Ltd	Surat
49	Mr. Narendrabhai Panchal	Owner	Laxmi Engineering Company	Vatva
50	Mr. Jay Thakkar	Director	Jay Ambe Food Industry	Anand
51	Mr. Mihirbhai .B.Patel	Executive Management	Vulcan Industrial Engg.Co.Ltd	V.V.Nagar

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
52	Mr. Rajendrabhai Patel	Owner	Dolphin Watch Pvt. Ltd.	Anand
53	Mr. Dilipbhai Muljibhai Patel	Owner	Shakti Developers	Alkapuri
54	Mr. Dixit Patel	Owner	Jai Jalaram International School	Anand
55	Mr. Nirajbhi A Patel	Owner	Patel Plastic Textiles	Ahmedabad
56	Mr. Ghanshyambhai Patel	Owner	Eskimo Ice Cream	Nadiad
57	Mr. Shashikantbhai Patel	Owner	Karning Enterprise	Ahmedabad
58	Mr. Tushar Patel	Owner	N.R. Patel & Co.	Nadiad
59	Mr. Yogendrasinh K. Rajput	Owner	Arogya Jyoti Pharmacy	Anand
60	Mr. Hardik Shah	Co-Founder	Aecor Technologies Pvt. Ltd.	Vadodara
61	Mr. Chunilal	Owner	Amidhara Drip Irrigation	Anand
62	Mr. Nilesh Shah	Managing Director	Shah Paperplast Industry	Nadiad
63	Mr. Sunil Patel	Owner	Krishna Developers	Anand
64	Mr. Miteshkumar Patel	Managing Director	Shiv Shakti Agarbatti Works	Mumbai
65	Mr. Jashbhai M Patel	Owner	Swaminarayan Transport Company	Ahmedabad
66	Mr. Kalpesh Patel	Managing Director	Solex Energy Pvt. Ltd.	Anand
67	Mr. Jignesh Sheth	Owner	Mitshaiv Engineers Pvt Ltd	Bharuch
68	Mr. Raju Shah	Director/Owner	Kothari Products Ltd	Ahmedabad

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
69	Mr. Ajitsinh Vanar	Owner	Laxmi Rice Mill	Khambhat
70	Mr. Harshadbhai Patel	Owner	Jagdamba Electronics Pvt.Ltd	Ahmedabad
71	Mr. Kamlesh Patel	Owner	Murlidhar Agro Food Pvt.Ltd.	Kheda
72	Mr. Dhumesh Patel	Owner	Tarang Petrolpump	Vadodara
73	Mr. Shaileshbhai Patel	Owner	Yamuna Water Supply	Nadiad
74	Mr. Jagdish.Patel	Owner	Sraddha Wood Industry Pvt.Ltd	Ahmedabad
75	Mr. Yogeshbhai Patel	Director	Ambica Chemical	Ankleshwar
76	Mr. Dasrathbhai Chandubhai Patel	Owner	Dhanlaxmi Tobbaco	Surat
77	Mr. Shubh Jain	Owner	Glyphiate Communication	Ahmedabad
78	Mr. Vinodbhai Patel	Owner	Aashish Trading Frim	Ahmedabad
79	Mr. Darshanbhai Patel	Owner	Urja Industries	Vadodara
80	Mr. Sunjaysinh Diwansinh Vanar	Owner	Agri Business	Anand
81	Mr. Nileshbhai Patel	Owner	Gayatri Engineering Works Co.	V.V.Nagar
82	Mr. Dhwanit Rajyaguru	Manager	Guru Enterprise	Ahmedabad
83	Mr. Bipin Chemburkar	Director	Capiq Engineering Pvt Ltd	Vadodara
84	Mr. Kanubhai Patel	Owner	Shreeji Papad	Uttarsanda
85	Mr. Dharmeshbhai Patel	Owner	Sesha Lubricant	V.V.Nagar

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
86	Mr. Firoz Sidikote	CEO	Afis Appliances	Anand
87	Mr. Viral Vyas	Owner	Bansari Corporation	Ahmedabad
88	Mr. Ashish Joshi	Owner	Grace & Bless Infotech	Vadodara
89	Mr. Prakashbhai Gohil	Owner	Ajanta Ice Cream	Ahmedabad
90	Mr. Kandarp Bakshi	Chairman	Maxeema Biotech Ltd	Changodar
91	Mr. Kanayalal Chanchlani	Owner	R. K. & Sons	V.V.Nagar
92	Mr. Pravinbhai	Managing Director	Sun Rod Mfg. (P) Ltd.	Rajkot
93	Mr. Gautam Sankhlecha	Managing Director	Micro Industries	Rajasthan
94	Mr. Rajnikant Patel	Owner	Mahendra Chemicals	Ahmedabad
95	Mr. Umang Kothari	Owner	Nemi Pharnacetuicals	Ahmedabad
96	Mr. Arpit Shah	Owner	Alcide And Polymer-Resin Mfg.	Ahmedabad
97	Mr. Kushal Gandhi	Founder	Shree Briquetting Industry	Nadiad
98	Mr. Hiren M Gandhi	Owner	H Gandhi Traders	Ahmedabad
99	Mr. Jayntibhai C Shah	Owner	Paras Enterprise	Vadodara
100	Mr. Amit Surani	Owner	Kraft Laminate	Mehmdabad
101	Mr. Prakashbhai Daliya	Owner	Jayhind Ricemill	Khambat
102	Mr. Charul	Owner	Pacific Paint Industry	Anand

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
103	Mr. Bhaveshbhai Shah	Owner	Paras Papad	Vadodara
104	Mr. Chirag Pathak	Founder Chairman	Mothercare School Group	Lucknow
105	Mr. Bharat Prajapati	Owner	Pooja Metal	Odhav
106	Mr. Rakeshkumar Jain	Owner	Vardhman Trading Co.	Kalupur
107	Mr. Amrish Desai	Owner	Amin Motor	Nadiad
108	Mr. Mukesh Patel	Owner	Arbuda Agrochemicals Pvt. Ltd.	Ahmedabad
109	Mr. Dhaval Ray	Managing Director	Avalanche Biotech	Vadodara
110	Mr. Devendra Patel	Owner	Yash Papad	Uttarsanda
111	Ms. Vinitadevi Modi	Director & Owner	Pbm Polytex	Petlad
112	Mr. Sanket Zaveri	Owner	Neg Sealing Solution	Vadodara
113	Mr. Babubhai Nair	Owner	Skjf Turute Foundation	Nadiad
114	Mr. Vijaybhai Thakkar	Owner	Shree Hari Rise Meal	Khambat
115	Mr. Vishalkumar Patel	Owner	Patel Glass Traders	Baruch
116	Mr. Trivedi Pradipkumar	Co-Owner	Cosmos Detective & SS Grp.	Gandhinagar
117	Mr. Amardeep Gupta	Owner	Mor Tech Fab Pvt. Ltd.	Ahmedabad
118	Mr. Chirag Patel	Director	Aapka Holiday Pvt. Ltd.	Vadodara
119	Mr. Trikambhai Mavjibhai	CEO	Agrimycil Bioscience Pvt. Ltd.	Anand

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
120	Mr. Ankur H. Desai	Owner	Boulevard 9	Nadiad
121	Mr. Vishnusingh Gajendrasingh Rajput	Owner	Navdurgha Scrape And Traders	Ahmedabad
122	Mr. Nisarg Shah	Owner/Founder	Nisarg Enterprise	Vadodara
123	Mr. Hiteshkumar Patel	Owner	Samruddhi Milk & Milk Products	Ahmedabad
124	Mr. Mahavirsingh Zala	Owner	S. S Audio Visuals	Anand
125	Mr. Pranav Parikh	Owner	Desktop Creators	Anand
126	Mr. Jitendrabhai H Soni	Owner	Jh Chudiwala	Ahmedabad
127	Mr. Dilipbhai Patel	Owner	Shyam Fibres	Khambhat
128	Mr. Pinal Patel	Owner	Hari Om Rice Mill	Petlad
129	Mr. Kamlesh Shah	Owner	Dharti Seeds	Ahmedabad
130	Mr. Dhirubhai Patel	Owner	Satyam Developers	Vadodara
131	Mr. Satishbhai Patel	Owner	Aatmiya Group	Ahmedabad
132	Mr. Varshesh N Gandhi	Owner	Shiva E.T.M.Products Pvt. Ltd	Anand
133	Mr. Surendrasingh Chauhan	Owner	Real Paprika	Ahmedabad
134	Mr. Ramjibhai Mistry	Owner	Divya Enterprise	Anand
135	Mr. Manojbhai Gudwani	Owner	Mastana Dabeli	Ahmedabad
136	Mr. Mahendra Patel	Managing Director	Ultra Febtech Private Limited	Thane

<b>Sr. No.</b>	<b>Name of the Person</b>	<b>Designation</b>	<b>Organization</b>	<b>Place</b>
137	Mr. Naresh Yeligatty	Owner	Futurz Ecommerce Pvt Ltd	Ahmedabad
138	Mr. Bharatbhai Patel	Founder	B. N. Projects	Ahmedabad
139	Mr. Ajay Patel	Founder	Ariaton Remedies Pvt. Ltd.	Ahmedabad
140	Mr. Sagar Patel	Owner	Jti Oil & Gas Company	Khambhat
141	Mr. Harshad Patel	Owner	Harsh Rice Mill	Ahmedabad
142	Mr. Harshal V Patel	Owner	Vijay Box Manufacturing	Vadodara
143	Mr. Atulbhai Shah	Owner	Yamuna Metals	Jodhpur
144	Mr. Mahesh Pithani	Owner	M/S Lalit Pharma	Surat
145	Mr. Milan Parikh	Managing Director	Jainam Share Consultant Pvt. Ltd	Vadodara
146	Mr. Rushi Dave	Owner	Raj Food Pharma	Mumbai

**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**  
**FACULTY OF MEDICAL SCIENCES**  
**Ashok & Rita Patel Institute of Physiotherapy (ARIP)**

**Annual Report - 2015-16**

Ashok & Rita Patel Institute of Physiotherapy (Previously known as Charotar Institute of Physiotherapy), a constituent institute of Charotar University of Science & Technology (CHARUSAT) has started its physiotherapy education and patient care services in the year 2009. The institute was approved by the Government of Gujarat and the Indian Association of Physiotherapists (IAP).

It offers the Bachelor of Physiotherapy (B.P.T.) programme with 75 seats, Master of Physiotherapy (M.P.T.) programme with 27 seats in 7 specialties namely Musculoskeletal Sciences, Neurological Sciences, Cardio pulmonary Sciences, Rehabilitation, Pediatric & women's health and Sports Physiotherapy. It also offers Doctorate (Ph.D.) programme. Our Research council had already approved five PhD guides. Institute now has 5 research scholars registered under our university and 5 research supervisors.

The institute has a vision which aims to become a leading institute in providing evidence based physiotherapy education and research by preparing physiotherapists having proficiency and moral values and a mission to train the physiotherapists with contemporary knowledge and entrepreneurial skills to serve the society.

Memorandum of Understanding has been done with AIMST University Malaysia and Indian institute Public Health Gandhinagar and Sarvajanic College of Physiotherapy, Surat in the year 2015.

Memorandum of Understanding has been done with various specialty hospitals which count to total no of 1055 beds for the student's clinical training and exposure towards patients. The institute runs a full-fledged Outpatient Department (OPD) with highly modern sophisticated and state of the art equipments

Our institute has the innovative, qualitative and learning pedagogy tools like evidence based research practice, journal clubs, role plays, group discussion, etc. which are developed for students to become World Class Physiotherapists.

❖ **Academics:**



**New Programmes initiated from the year:** Masters of Physiotherapy (M.P.T) in **Sports** has been started from current academic year.

**Curriculum** - MPT has been revised and new courses like foreign language introduced.

Our institute allows for **dual degree and twinning programs** such as **PGDHA**. The students of second year MPT can decide to take this course.

Our Third batch of students **graduated and first batch of students post graduated and awarded degrees** by **Shri O P Kohli Hon. Governorshree of Gujarat** One student Ms.Vibhuti Patel was awarded Gold Medal for the highest CGPA.

**We have introduced OSCE system of evaluation in practical's.**

**New Appointments made in the year (Teaching and Non-Teaching):**

Assistant professors	6
Lecturers	5

❖ **University Examination Results:**

Semester	Overall Result (%)	Students secured Distinction (%)	Students secured First class (%)
BPT II Sem	69.9	37.6	24.7
BPT IV Sem	100.0	25.7	24.3
BPT VI Sem	100.0	18.3	23.9
BPT VIII Sem	100.0	19.2	34.2
MPT I Sem	100.0	33.3	66.7
MPT II Sem (MS)	100.0	100.0	-
MPT II Sem (WH)	100.0	0.0	100.0
MPT III Sem (MS)	100.0	60.0	20.0
MPT III Sem (NS)	100.0	33.3	66.7
MPT III Sem (PA)	100.0	50.0	50.0
MPT III Sem (RE)	100.0	100.0	-
MPT IV Sem (CS)	100	100.0	-
MPT IV Sem (MS)	100	100.0	-
BPT V Sem	97.3	23.6	37.5
BPT VII Sem	100	21.7	42.2
MPT I Sem (CS)	100	-	100.0
MPT I Sem (SS)	100	-	100.0
MPT I Sem (RE)	100	100.0	-
MPT I Sem (NS)	100	-	100.0
MPT I Sem (MS)	100	75.0	25

MPT II Sem (CS)	100	100.0	0
MPT II Sem (RE)	100	-	100.0
MPT II Sem (WH)	100	100.0	-
MPT III Sem (MS)	100	100.0	-
MPT III Sem (WH)	100	-	100.0
MPT IV Sem (MS)	100	60.0	40.0
MPT IV Sem (NS)	100	33.3	66.7
MPT IV Sem (PA)	100	50.0	50.0
MPT IV Sem (RE)	100	100.0	-

### Total No of events organized:

- Seminar/guest lecture - 00
- Workshop – 03
- Conference – 01
- Training programme – 00
- Orientation Programme – 1

### The List of events organized as follows:

#### Endowment chair activity

1. Dr G Arun Maiya MPT, MBA, PhD. Professor, Department of Physiotherapy, Manipal College of Allied Health Sciences, Manipal University was invited as endowed chair holder for ARIP. He conducted a two day course on "Exercise Prescription and its Recent Advances" 2<sup>nd</sup> & 3<sup>rd</sup> April, 2015. Faculty members, 8th semester BPT and MPT students participated in it.
2. Professor Dr Gillian Webb PT PhD Chair, WCPT-AWP region Physiotherapy School of Health Sciences The University of Melbourne Australia conducted A Two days workshop on “Leadership in Physiotherapy” Date: 21<sup>st</sup> & 22<sup>nd</sup> July, 2015

#### Workshop organized

1. Entrepreneurship Development Cell Workshop Training for Faculty and students of ARIP on 23<sup>rd</sup> and 07<sup>th</sup> may 2015. Mr. Ajay Pathak from Entrepreneurship development Institute was the Resource person for it.

2. The workshop on ethical issues in human research was organized by Research cell ARIP on 3<sup>rd</sup> October 2015. Faculty and students from ARIP as well as other Institutes of Gujarat participated in it.
3. CPR workshop was organized by department of cardio respiratory physiotherapy and IQAC on 21<sup>st</sup> December 2015 in which 8<sup>th</sup> semester BPT students, MPT students and Faculty members of ARIP participated.

### **International Conference Organized:**

Ashok & Rita Patel institute of Physiotherapy organized an International conference CHAPCON 2015, a CHARUSAT Physiotherapy Conference on 18th & 19th December 2015 at Ashok and Rita Patel Institute of Physiotherapy, CHARUSAT Campus, Changa, Anand, Gujarat. The theme of the conference was “Physiotherapy in Public Health”, focusing on Public Health (Global and Indian perspective), Chronic non communicable disease. Due to the Interesting theme it was highly appreciated by the participants and speakers. 162 participants participated in this scientific conference and 25 Poster and 26 platform Presentations were presented.

### ● **Faculty development/participation:**

Our faculties have been sharing their expertise by being the member of ethical committees, expert member for Govt. organizations, expert talks, invited speakers, judges. Apart from that faculties have been constantly encouraged to attend the various international conferences, national conferences, workshops.

### **Research Activities:**

#### **Our Research Areas:**

Non-communicable diseases, Low back pain, Community Based Rehabilitation, Cardiac Rehabilitation, Pulmonary Rehabilitation, Development of new tools, Falls in the elderly, Community Ambulation, Fitness, Motion Analysis, Women’s Health, Ergonomics, Pain

Management, Cerebral Palsy. Total 95 research project as UG project, PG project and Faculty project were undertaken during the year.

Total number of Paper Publications: 03

**Paper Presentations:**

International level - 8

National level – 1

State level – 6

**Poster Presentations:**

International level – 24

National level – 0

State level – 5

**Upgradation in the resources:**

**Library:**

The student study area is created which spread over 117.69 sq. m and has seating arrangement of 48 students conducive to comfortable seating and leisure reading. A separate IT zone is allocated for accessing resources. This area, housing 25 computers, is spread over 110.46 sq. m. Internet band width speed available for e-resources was 100 MBPS until June 2015, which is being up-graded to 200 MBPS from July 2015.

For library budget of rupees 7,00,000 was sanctioned for the year 2015 -16 from which books costing 7,32,376 were purchased in the Year.

**Equipments:**

- Equipments of gym to set up fitness centre is purchased at the cost of ₹ 7,00,000
- Body Composition Analyzer is purchased worth ₹ 3,00,000
- Portable EMG- NCV machine is purchased at the cost of ₹ 2,50,000
- Equipments worth ₹ 1,87,000 is purchased for Physiology lab, soft ware worth ₹22,000 is purchased for Anatomy lab and machines worth ₹ 55, 221 is purchased for Physics lab
- For the Development of motion analysis lab approximately ₹ 24,00,000 equipments purchase is in process.

- For womens health department Periniometer worth ₹1,81,500 purchase is in Process.

### **Our Services:**

#### **Clinical:**

- 1) The institute also runs a full-fledged Outpatient Department (OPD) in association with CHRF in CHARUSAT Hospital, highly modern sophisticated and state of the art equipments. It also has a highly modern gym with professional care. We have treated almost **8242 patients**.
- 2) Clinical services are offered by our faculties and students in outreach Neuro Rehabilitation Services at Demol where more than 1909 persons with stroke have been addressed for their activities of daily living and other physiotherapy management
- 3) Our students have been posted in the various hospitals on rotational basis for their clinical training which helps in enhancing their knowledge towards patient care.

#### **Community Services:**

1. Physiotherapy camps have been arranged in association with CHRF.  
Total no of conducted: 10 and around 280 patients treated (male: 132&female:148) out of which 186 patients came for follow up and treatment to ARIP OPD.
2. Our faculties have been addressing Vatsala matrusambhal program, a unique program in India for antenatal and post natal women. This program helps to create awareness among the rural women. In the year 2015-16 total 589 (51 post natal and 538 ante natal) pregnant female have been guided under this program.
3. Our final semester students are going for clinical training for four month community program on rotational basis in different Villages, in which they identify the problems and give the awareness about various health related problems which they suffer from.

#### **Activities: Student Support and Progression**

1. VIBRANT-2015, organized by, Baroda Medical College, Baroda from 17/4/2015 to 20/4/2015. Approximately 36 Medical, Dental and Physiotherapy colleges and Universities across Gujarat participated in the event and total presence of 1500

participants The events were categorized under Dance, Singing, cricket, football, volleyball, Basketball, Carrom, chess, Badminton, Table Tennis, Face Painting, finger painting, Poster Making, Nail Art, Mahendi, tattoo making, Treasure Hunt. Ashok & Rita Patel institute of Physiotherapy **secured 2<sup>nd</sup> position among all participating college of Vibrant 2015.**

2. Spoural, 2016 CHARUSAT cultural and sports festival with theme of Fantasy Fiesta was organized by Charotar University of Science and Technology. Various cultural and sports events were held from 9th February, 2016 to 11h February, 2016. The Department of the year Prizes were held in Spoural, 2016. **Ashok & Rita Patel institute of Physiotherapy got 1st Prize and became Champions of Spoural, 2016.**
3. A National Physiotherapy Summit, PHYSIOFEST-2015, was organized by School of Physiotherapy, R K University, Rajkot on 5th April'2015. The Summit was themed "Technology: Change, Challenge and Opportunity" and the major focus was on integration of technological innovations into Physiotherapy education and Practice. From ARIP, 40 students from UG and PG streams participated in 8 events and attracted unprecedented appreciation and awards from the jury and won prizes under various categories.

#### **Future Developments:**

- Collaboration and Tie up with external universities
- Centre for evidence base physiotherapy
- Increase intake from 75 to 100 students



# FACULTY OF MEDICAL SCIENCES

## MANIKAKA TOPAWALA INSTITUTE OF NURSING

### Annual report 2015-16

#### GENERAL INFORMATION:

Nursing is a profession within the health care sector which focused on the care of individual, families and communities, so they may attain, maintain, or recover optimal health and quality of life. In the same context, Charotar Institute of Nursing was established in 2009. It is patronized by Smt. Sumitraben Patel and Smt. Jyotsnaben Harishbhai Patel- daughters of Late Shri Manibhai Z Patel and has been rechristened as Manikaka Topawala Institute of Nursing.

#### 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.

#### CURRICULAR ASPECTS:

##### Programmes offered:

##### Degree Programme:

The institute offers Bachelor of Science in Nursing (Basic) Programme which is a four year undergraduate programme with an annual intake of 60 seats.

MTIN started Master of Science in Nursing Programme in five different specialities with annual intake of 20 seats in the year 2014.

Doctoral programme (PhD) in Nursing is also offered by this institute. MTIN is the first in the state of Gujarat under state private university act to start PhD in Nursing.

The institute also offers General Nursing and Midwifery course which is diploma course of three and half year duration with annual intake of 40 seats.

All the programmes are duly approved by both Indian Nursing Council and Gujarat Nursing Council.

##### Innovation in curricular design and transaction:

Emerging topics like forensic science nursing and humanities courses have been added to undergraduate and postgraduate level for better career opportunities.

First aid has been added in the curriculum as in the modern world knowledge of First-aid has become essential for every citizen.



Furthermore, training for soft skills has also been incorporated in the curriculum as to have good therapeutic communication skill is an important aspect of nurse's qualities.

#### **TEACHING, LEARNING AND EVALUATION:**

##### **Admissions:**

##### **Under graduate programme:**

Admissions to under graduate programme are carried out by Admission Committee for Professional Medical Educational Courses, Government of Gujarat. Eligibility criteria are also decided by them from time to time.

##### **Doctoral Programme (Ph D):**

Admissions to doctoral programme at MTIN are carried out as per the norms of CHARUSAT.

##### **Student's enrolment and its statistics:**

<b>Programmes</b>	<b>Number of students enrolled</b>	<b>Open</b>	<b>SC</b>	<b>SEBC</b>	<b>ST</b>
B.Sc. Nursing	60	25	06	13	07
General Nursing and Midwifery (GNM)	29	19	02	5	03
M.Sc. Nursing (Medical Surgical Nursing)	04	02	--	--	--
M.Sc. Nursing (Child Health Nursing)	04	04	--	--	--
M.Sc. Nursing (Mental Health Nursing)	01	--	--	01	--
M.Sc. Nursing (OBG Nursing)	01	--	--	--	--
M.Sc. Nursing (Community Health Nursing)	--	--	--	--	--
Ph. D Nursing	01	01	--	--	--

##### **Human resources:**

Human resources at MTIN consist of 39 personnel. It is led by Mr. Anil Sharma as the Principal and Ms. Vimalben Patel as the Hon. Director. Cadre wise details are as follows.

<b>Designation</b>	<b>Numbers</b>	<b>Qualification</b>
Principal	01	M.Sc. Nursing
Assistant Professors	08	M.Sc. Nursing
Lecturer	01	M.Sc. Nursing
Tutors	13	M.Sc. Nursing

Clinical Instructors	14	B.Sc. Nursing
Office Assistant	01	B.Com. PGDBA
Assistant Librarian	01	M.Lib.

**New appointments made in the year:**

During the year, 9 new appointments have been made. 4 of them are appointed as tutor, 5 of them are appointed as clinical instructor.

**Expert lectures organized:**

Date	Topic of lecture	Name of expert	Students/ batch	Venue	Organised by
23/11/15 To 1/12/15	Endowment chair session	Dr. Kader Parahoo	MTIN faculty Msc Nursing students	MTIN	Mr. DeepakK.

12/03/16	CNE on Drug and Dose calculations	Ms. Papiya Chatergi Matron- Apollo Hospital Ahemdabad *Ms. Aditi Matron-LG hospital * Mr. Ravindra HNPrincipal SCON	8 <sup>th</sup> semester GNM students	CMPICA	Ms. Alpna Patel
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**Result statistics:**

CHAROATR UNIVERSITY OF SCIENCE AND TECHNOLOGY							
Result Analysis							
Name of Instiute:	Manikaka Topawala Institute of Nursing						
Course Name:	B.Sc. Nursing & M.Sc. Nursing						
Branch Name:	Nursing						
Examination	June/July 2015						
Exam Name	Appeared	Pass	Fail	% Pass	I Class (no)	I Class (%)	First class with Disti. (%)
B.Sc. Nursing- II	64	61	3	95.31%	36	56%	32.81%
B.Sc. Nursing- IV	56	55	1	100.00%	37	66.07%	21.42%
B.Sc. Nursing-VI	56	56	0	100.00%	43	76.78%	23.21%
B.Sc. Nursing-VIII	36	36	0	100%	28	77.77%	27.77%
M.Sc. Nursing-I	8	8	0	100%	8	100.00%	50.00%

CHAROATR UNIVERSITY OF SCIENCE AND TECHNOLOGY							
Result Analysis							
Name of Instiute:	Manikaka Topawala Institute of Nursing						
Course Name:	B.Sc. Nursing						
Branch Name:	Nursing						
Examination	Dec/Jan.-Feb. 2015-16						
Exam Name	Appeared	Pass	Fail	% Pass	I Class (no)	I Class (%)	First class with Disti. (%)
B.Sc. Nursing-I	60	48	12	80	15	25.00%	11.66%
B.Sc. Nursing-III	61	54	8	88.52	25	40.98%	36.06%
B.Sc. Nursing- V	57	57	0	100	9	16%	78.94%

B.Sc. Nursing- VII	56	56	0	100	25	50.00%	35.71%
M.Sc. Nursing-II	8	8	0	100	3	37.5	62.5

#### Workshops organized:

- 1) BNCRP 2 workshops were organized on 1/8/2015 and 12/9/2015 on "Neonatal resuscitation program"
- 2) A workshop on "Standard safety precautions was organized on 26<sup>th</sup> September 2015.
- 3) An Endowment chair-3 session was organized from 23<sup>rd</sup> November 2015 to 1<sup>st</sup> December 2015.
- 4) A workshop on "First aid" was organized on 2<sup>nd</sup> April 2016.
- 5) A workshop on "Clinical research for nurses" was organized on 23<sup>rd</sup> April 2016
- 6) Endowment chair-4 session was organized from 25<sup>th</sup> May 2016 to 27<sup>th</sup> May 2016

Faculty development programme for 6 days was organized on "Orientation programme for the new recruits" from 30<sup>th</sup> May, 2016 to 4<sup>th</sup> June, 2016 which was attended by 7 faculties

#### RESEARCH, CONSULTANCY AND EXTENSION:

##### Ph.D Programme:

Ph.D. Programme in nursing is offered under of medical sciences. During the year, 1 new faculty of MTIN are enrolled in Ph.D. Programme. In addition, total five research scholars are pursuing the Ph.D.

##### Research paper published in journals:

Sl. No	Name of the Faculty	Designation	Speciality	Article title	Name of the Journal & Journal details	Month & Year of publication
1	Vijaykumar	Tutor	Child Health Nursing	Kangaroo Mother Care for Low Birth Weight Babies	Nurses of India. Vol.17, Issue-3, March 15 -2016. ISSN-2320-2009	March-2016
2	Vipin Vageriya	Asst. Professor	Child Health Nursing	Objective Structured Clinical Examination	Souvenir of Joitiba College of Nursing, Bhandu. P. No. 71-2	10-11 March 2016
3	Jayesh Patidar	Asst. Professor	Mental Health Nursing	General Issues with Health Care Setting in assessment of Clinical evaluation	Souvenir of Joitiba College of Nursing, Bhandu. P. No. 75-6	10-11 March 2016

4	Praneeta Christian	Tutor	Medical surgical nursing-cardio-thoracic	Effectiveness of guggul application on intravenous infiltration'	International journal of nursing education and research. IJNER vol:4 No:1; ISSN no 0974-9349	January-March 2016
5	Anil Sharma	I/C	Medical	Research Article on	American Journal	05/02/2016

		Principal	Surgical Nursing	Prevalence of Malnutrition	of Advances in Nursing Research ISSN no 2349 – 0691 (Online)	
6	Anilkumar Jarali	Asst. Professor	Mental Health Nursing	Knowledge and attitude regarding mentally ill patient among G.N.M students	Souvenir of Indian Society of Psychiatric Association (ISPN) – 2016, Shri Krishna Institute of Nursing Science, Karad. Feb – 2016	Feb – 2016
7	Anilkumar Jarali	Tutor	Mental Health Nursing	Self-Management Key to Stress Management:	Souvenir of National conference on “Surviving stress: Towards Building Positive work Culture. J G college of Nursing, Ahmedabad.	Feb – 2016
8	Deepak K	Asst. Professor	Mental Health Nursing	Stress at Work place	Souvenir of National conference on “Surviving stress: Towards Building Positive work Culture. J G college of Nursing, Ahmedabad.	Feb – 2016
9	Jamin Chauhan	Nursing tutor	Mental Health Nursing	Effectiveness of Jacobson’s progressive muscle relaxation	Souvenir of Indian Society of Psychiatric	Feb-2016

				technique on level of anxiety among persons suffering from alcohol dependence	Association (ISPN) – 2016, Shri Krishna Institute of Nursing Science, Karad. Feb – 2016 (National Level)	
10	Anil Sharma	I/C Principal	Medical Surgical Nursing	Review on Superficial thrombophlebitis	International Journal of Nursing Education ISSN No. 0974-9349	Jan-2016
11	Vijaykumar	Tutor	Child Health Nursing	Effect of Video Assisted Teaching Programme on knowledge of high school children regarding cardio pulmonary resuscitation (CPR)	International Journal of Nursing Care. Vol-04, No. 01. Jan-June-2016 ISSN No.2320-8643	Jan-June 2016
12	Vijaykumar	Tutor	Child Health Nursing	Objective Structured practical examination as a tool for the formative assessment of practical skill	International Journal of Psychiatric Nursing. ISSN 2231-1505	December-2015
13	Vijaykumar	Tutor	Child Health Nursing	Care of Dyslexia Children	Nurses of India. Vol.16, Issue-10, October 15-2015. ISSN-2320-2009	October-2015

#### **Collaboration and linkages:**

Memorandum of Understanding have been signed with various general and multi speciality hospitals like Kasiben Goverdhndass Patel Children Hospital, Vadodara; Medical Care Centre Trust, Vadodara; Shailby Hospital, Ahmedabad; Shree Krishna Hospital, Karamsad; DDMM Heart Institute, Nadiad; L. G. Hospital, Ahmedabad; V. S. Hospital, Ahmedabad; Shaishav Children Hospital, Nadiad; Shri Santram Natra Chikishalaya, Nadiad; Cambay

General Hospital, Khambhat and many more. It provides opportunities to students for their clinical experience to learn speciality subjects.

#### **Faculty development programme:**

Faculties are motivated to participate in various workshops, seminars and conferences to upgrade their knowledge.

Endowment chair sessions and expert lectures were organized to enhance the knowledge of faculties under various topics.

#### **Extension activities:**

<b>Sr.No</b>	<b>Department</b>	<b>Name of Activity</b>	<b>Topics</b>	<b>Date and Place</b>	<b>Target group</b>
1	Community health nursing	School health Programme	Personal hygiene ,anemia, menstrual hygiene,Nutition	30/03/2016 Padgol	1 <sup>st</sup> -8 <sup>th</sup> Standard School children
2	Community health nursing	Celebration of world Tuberculosis day	Rally on world tuberculosis day	22/03/16 & 25/03/16 at Nadiyad and Changa	For public awareness
3	Community health nursing	Exhibition cum health camp	Home Remedies for common illness	25/02/2016 Sunav Village	Village people
4	Community Health Nursing	Survey	Survey of Padgol village	18/02/16 to 23/02/16	For village people
5	Community Health Nursing	Survey	Survey of Sunav village	01/02/16 to 06/02/16	For village people
6	Community Health Nursing	In service education	Antenatal & postnatal care	29/01/16 at Bandhani PHC	Asha worker of Bandhani PHC
7	Community Health Nursing	Role play	alcoholism & Myths in village people	28/01/2016 at Bandhani village	For village people
8	Community	Exhibition cum	1. Vector borne	23/10/2015	For village



	Health Nursing	health camp	Disease 2. Malnutrition 3. Anemia 4. Arthritis, HIV Aids 5. Diabetic mellitus, hypertension, skin disease Antenatal care, family planning, immunization.	at Demol village	people
9	Community Health Nursing	In-service Education	Role of ASHA worker in Antenatal care, Home Management of common disease, Nutritional assessment of Child, Yojana & Schemes	16/10/2016 at Changa PHC.	Asha worker of Changa PHC
10	Community Health Nursing	School health Programm	Health talk 1 Personal Hygiene, 2 Prevention of anemia 3, menstrual Hygiene 4. Tobacco Hazards 5. Healthy Habits 6. Important of Schooling 7. Importance of nutrition	15/10/2015 F.K. Patel High School, Shree Arjun Patel Primary School, Demol	Children 1-10 Standard
11	Community Health Nursing	Survey Report	Survey of Demol Village	28/09/2015 to 27/10/2015 at Demol village	For village people
12	Child health nursing	School health check up cum	Nutrition, personal hygiene	08/09/15	School children

		exhibition			
13	OBG	Poster exhibition	"Reproductive and child health services"	12 th may 2016	Village people Tarapur
14	Community health nursing	Role play	Enviormental sanitation	12 th may 2016	Village people Tarapur

#### **INFRASTRUCTURE AND LEARNING RESOURCES:**

The classrooms of MTIN are well designed with the latest teaching aids. There are eight laboratories have been established in the college. The names of laboratories are Preclinical science laboratory, Nursing foundation, Community health nursing, Maternal and child health, Nutrition and Audio-visual aids and Vimalben J Patel nursing skill lab and Nursing research lab. All the laboratories are well equipped with necessary equipments, which are required for the student's practical experience. The students of CHARUSAT have access to 24x7 Wi Fi facilities.

#### **Youth welfare and cultural activities:**

##### **Alumni association:**

Alumni association is established under MTIN. The mission of this association is to inspire lifelong alliance of alumni with university by providing opportunities for interactions and networking for mutual benefits. At present total 153 members are registered with Alumni association. The last alumni meet was conducted on 11<sup>th</sup> January 2016.

##### **Office bearer and joint secretary:**

1	Chairmen Mr. Anil Sharma, Principal MTIN
2	Secretary Mr. Deepak K, Assistant professor, MTIN
3	Joint secretary Ms. Meghal Jani, Clinical instructor, MTIN

### Financial aid to students- Scholars

#### Government Scholarship

Category	UG	
	No. of Students	Total Amount
SC	18	1138340
ST	40	2716540
SEBC/OBC	52	164900
MOMA	6	--
Other*	--	--
	<b>TOTAL</b>	<b>4019780</b>

#### CHARUSAT Scholarship

Nature of Scholarship	Total number of students	Amount
CHARUSAT Merit Scholarship	15	274500
CHAMOS Scholarship	53	1831000
Special Scholarship	03	265000
First Year Scholarship (UG+PG)	62	2320000