

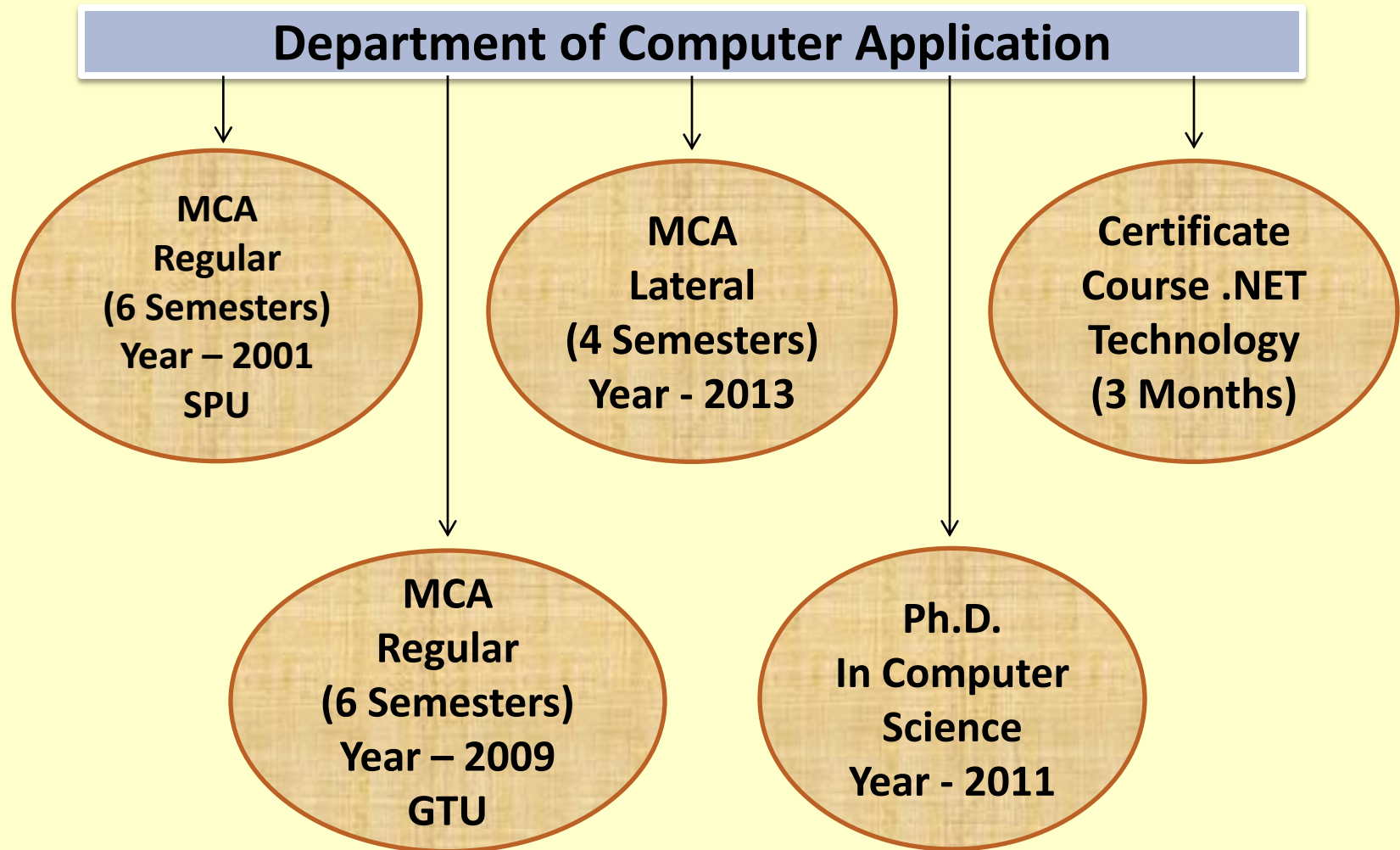
**Department of Computer Application (MCA)**

**Appraisal Report for NAAC Review**

**Affiliated to  
Gujarat Technological University**

**Presented By:  
Dr. Priya R. Swaminarayan  
Professor & Head**

❖ **Established in 2001**



# TEACHING STAFF



**Dr. Priya Swaminarayan**  
Prof. & Head  
Ph.D., MCA  
16 yrs. Exp



**Dr. Priyanka Sharma**  
Asso. Prof.  
Ph.D., MCA  
15 yrs. Exp



**Dr. Kamlesh Vaishnav**  
Asso. Prof.  
Ph.D., MCA  
17 yrs. Exp.



**Mr. Nirbhay Chaubey**  
Asst. Prof.  
Ph.D.(Pursuing),  
MCA  
9 Yrs. Exp.



**Mr. Bhavesh Patel**  
Asst. Prof.  
MCA  
8.5 Yrs. Exp.



**Dr. Mijal Mistry**  
Asst. Prof.  
Ph.D., MCA  
8 Yrs. Exp.



**Mr. Parag Moteria**  
Asst. Prof.  
Ph.D.(Pursuing),  
MCA  
7 Yrs. Exp.



**Mr. Pritesh Patel**  
Asst. Prof.  
Ph.D.(Pursuing),  
MCA  
5 Yrs. Exp.



**Mrs. Subodhini Gupta**  
Asst. Prof.  
Ph.D.(Pursuing),  
MCA  
7 Yrs. Exp.



**Mrs. Megha Patel**  
Asst. Prof.  
Ph.D.(Pursuing),  
MCA  
6 Yrs. Exp.

# SUPPORTING STAFF



**Mr. Swapnil Patel**  
**Computer Operator**  
**M.Sc.(IT), Ph.D.**  
**(Pursuing)**  
**7 yrs. Exp.**



**Mr. Himanshu Patel**  
**Lab Assistant**  
**M. Com ,PGDCA**  
**13 years Experience**



**Mr. Suresh Panchal**  
**Lab Assistant**  
**B. Com, ADCHN**  
**7 Yrs. Exp.**



**Mr. Sumit Patel**  
**Lab Assistant**  
**B. Com , PGDCA**  
**5 Yrs. Exp.**

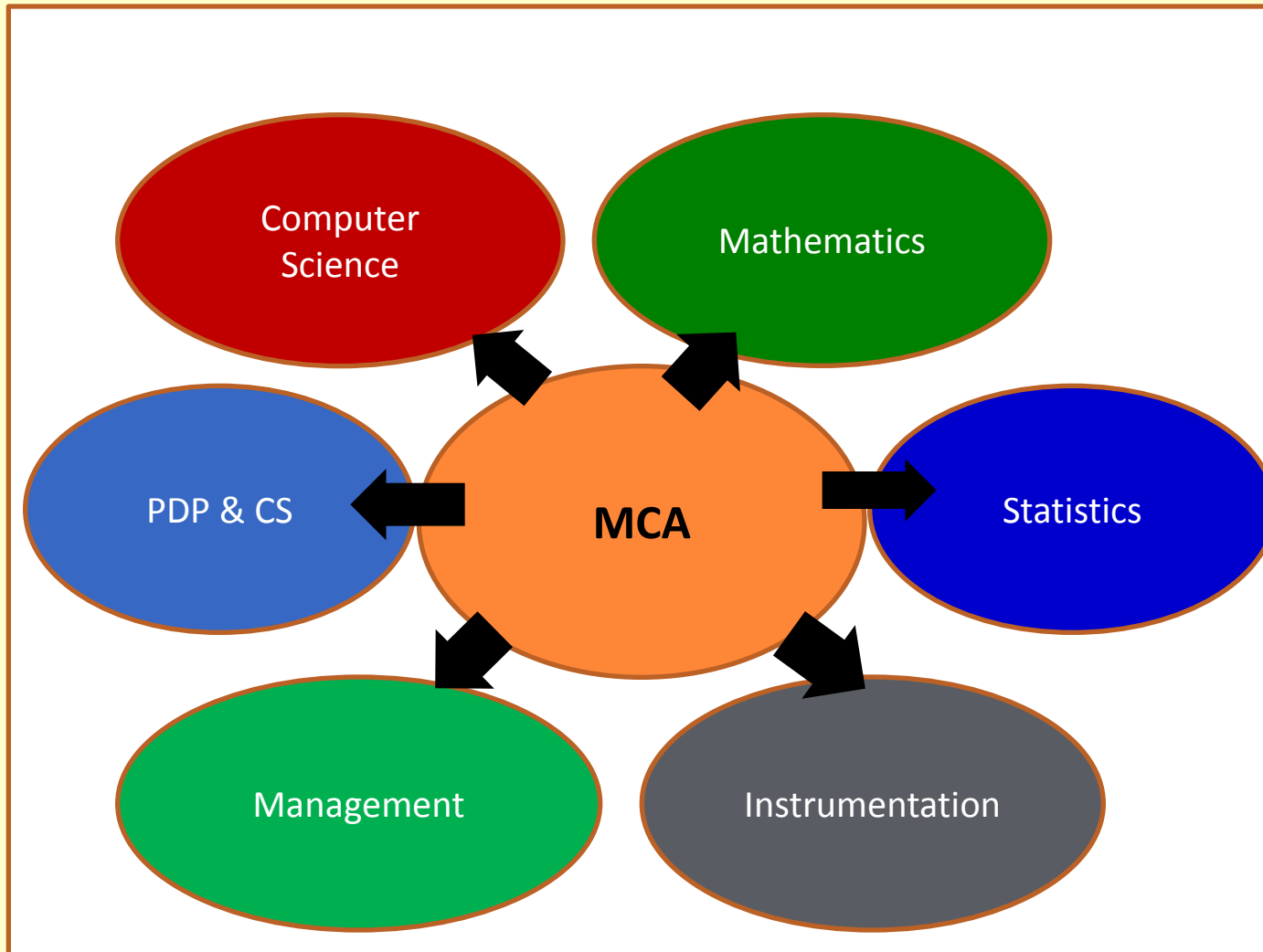


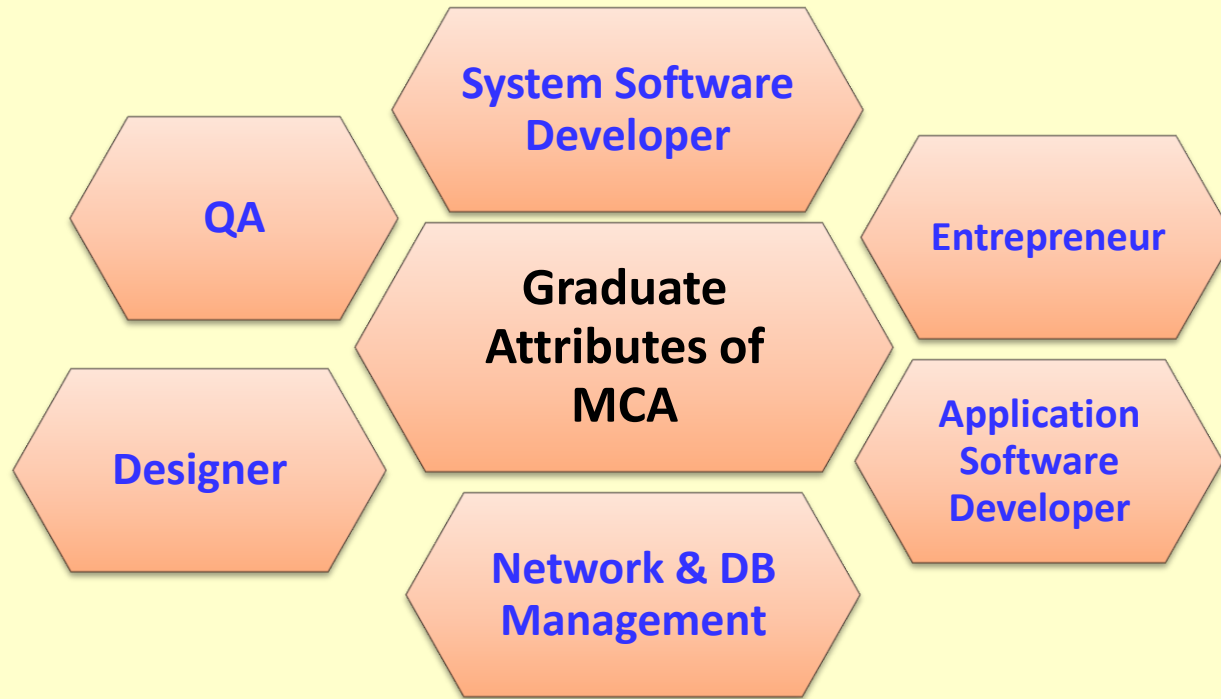
**Mr. Manish R. Parekh**  
**Peon**  
**15 yrs. Exp.**



**Mr. Sunil V. Machhi**  
**Peon**  
**13 Yrs. Exp.**

## ➤ Diversity of Curriculum





- In-house Project Work / Dissertation Work in 5<sup>th</sup> Semester
- Full time project work (IDP/UDP) in 6<sup>th</sup> Semester
- Add on courses...

- Personality Development Programme : Total 24 hours session per student in a year
- Short Term Add-On Course on .NET Technology

## 1. Curriculum Planning and Implementation

- In consultation with senior faculty members, alumni students and Industry experts
- Board of Studies of MCA and Professional Memberships

Name of Faculty	Membership in University / Professional Bodies
Dr. Swaminarayan Priya	Member-Board of Studies, S.P. University (2009 – 10) Life Member- Indian Society of Geometics (ISG) Member - International Society for Technology in Education (ISTE) Institutional Membership – Computer Society of India (CSI)
Dr. Priyanka Sharma	Member-Board of Studies, S.P. University (2009 – 10) Member CSI and Life Member - ISG
Dr. Kamlesh Vaishnav	Member-Board of Studies, S.P. University (2009 – 10) Member - CSI, ISTE and Life Member - ISG
Mr. Nirbhay Chaubey	Invitee Member, Board of Studies, GTU Officer on Special Duty, GTU (21 <sup>st</sup> February 2011 to 19 <sup>th</sup> August 2012) Professional Member (i) IEEE & IEEE Computer Society (ii) ACM and (iii) Life Member – CSI
Mr. Pritesh Patel	Life Member- Indian Society of Geometics (ISG) Professional Member - Institute of Electrical and Electronics Engineers
Mr. Parag Moteria Dr. Mijal Mistry Mr. Bhavesh Patel Ms. Subodhini Gupta Ms. Megha Patel	Life Member- Indian Society of Geometics (ISG)

## 2. Curriculum revision..... Updation in every 1 year

- Next Revision in July 2014
- Syllabus Designed and Revised periodically by GTU as per the suggestions from Subject Experts of IT Industries & Academia
- Following is the list of updating in the university syllabus as per suggestions given by faculties of MCA department

Sr. #	Class	Subject	Name of Faculty
1	MCA – 3 ( 5 Year Integrated)	Data Structures	Priya Swaminaryan Nirbhay Chaubey
2	MCA - 5	Advance Networking	Nirbhay Chaubey
3	MCA - 4	Fundamental of Networking	Priya Swaminaryan Nirbhay Chaubey Kunjai Mankad
4	MCA - 5	Geographical Information System	Dr. P.M.Udani Dr. Priyanka Sharma
5	MCA - 5	Wireless Communication	Nirbhay Chaubey

## 3. Electives Subjects

### Elective - I

MCA – 4<sup>th</sup>  
Semester

- Data Warehousing & Data Mining (DWDM)
- Distributed Computing (DC1)
- Data Compression (DC2)
- Computer Graphics (CG)
- Soft Computing (SC)
- Analysis & Design of Algorithm (ADA)

### Elective - II

MCA – 5<sup>th</sup>  
Semester

- Advanced Data Base Management Systems
- Parallel Programming (PP)
- Web Searching Technologies & Search Engine Optimization (WST-SEO)
- Wireless Sensor Network (WSN)
- Cyber Security and Forensics (CSF)
- Web Data Management (WDM)

### Elective - III

MCA – 5<sup>th</sup>  
Semester

- Advanced Networking (AN)
- Image Processing (IP)
- Software Development for Embedded Systems (SD-ES)
- Geographical Information System (GIS)
- Language Processing (LP)
- Bioinformatics (Bio-I)
- Wireless Communication Mobile

## 4. Interdisciplinary Participation

### Faculty Contribution in different Departments

- M.Sc. Information Technology, ISTAR
- M.Sc. Environmental Science & Technology, ISTAR
- M.Sc. Instrumentation, ISTAR
- PG Diploma in Geo-informatics
- Academic Staff College, S. P. University
- Academic Staff College, Saurashtra University
- Department of Statistics, S. P. University
- Nalini and Arvind Arts College

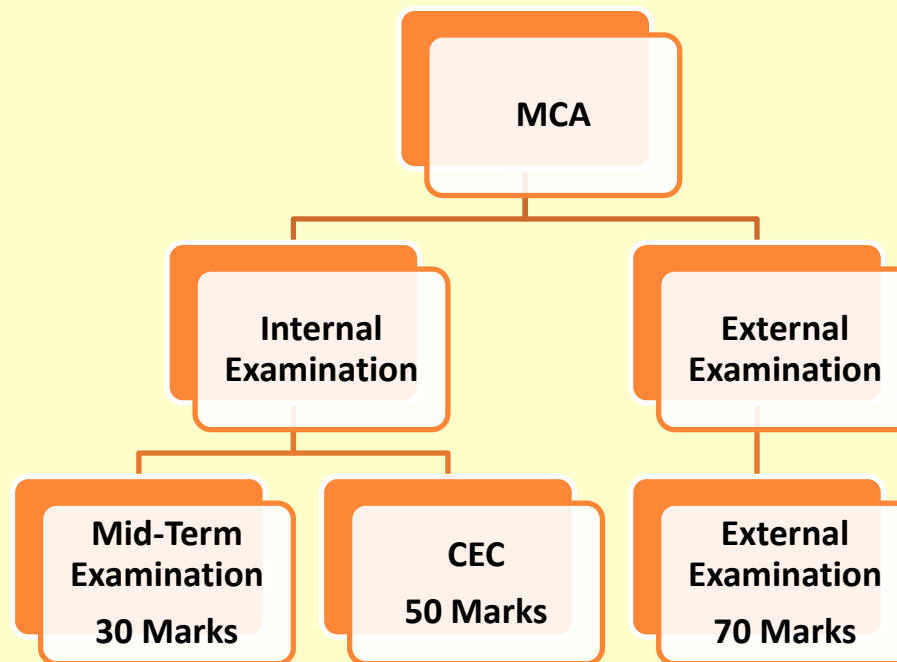
### Contribution to Evaluation Process at University Level

- DOEACC (now NIELIT)
- S. P. University & Gujarat University
- Bhavnagar University, Bhavnagar
- M. S. University, Baroda
- Charusat University, Changa
- Saurashtra University, Rajkot
- Uka Tarsadia University, Bardoli

## 5. Feed back from

- Students
- Parents during Open House
- Industry Experts

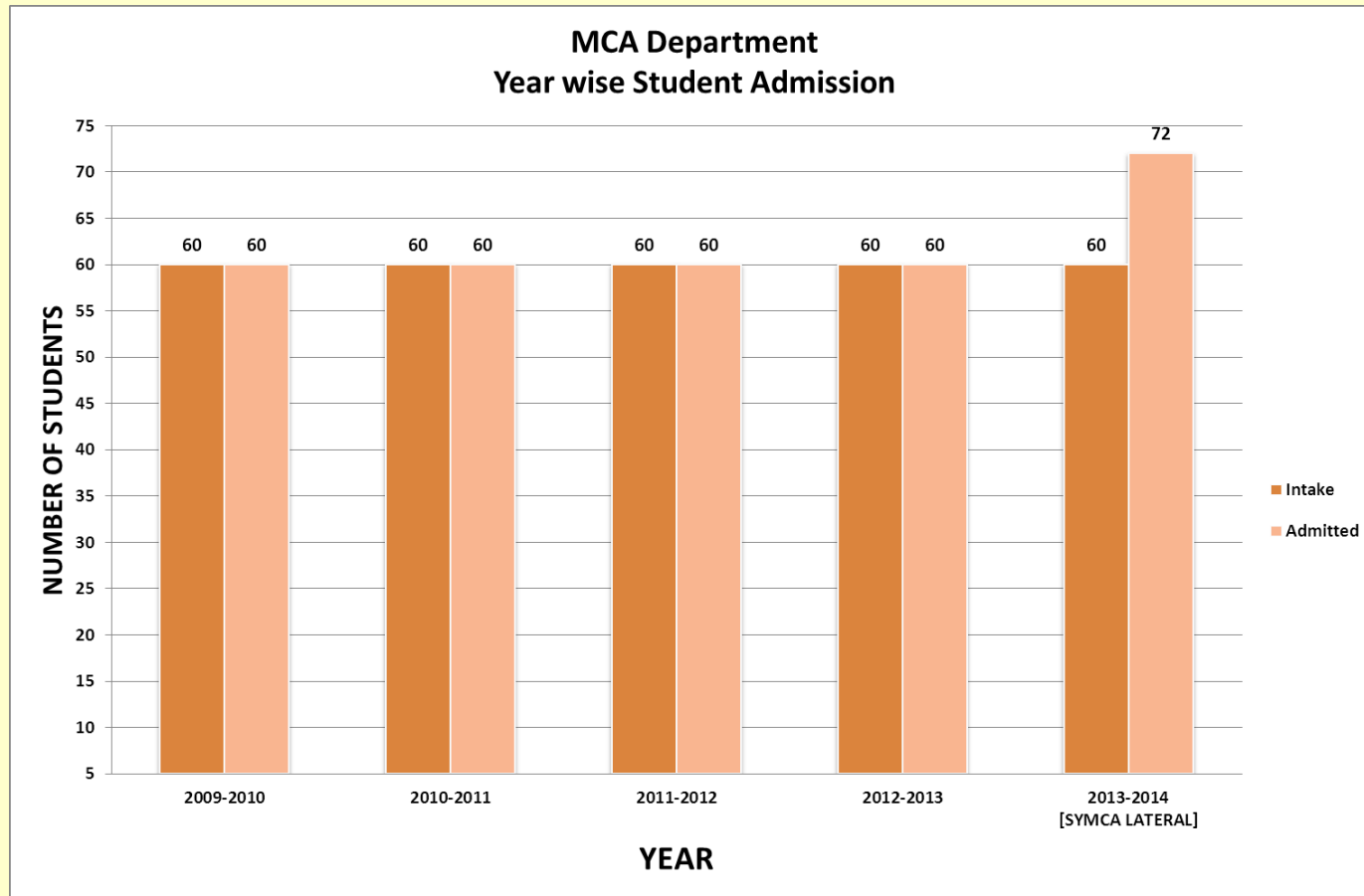
## 6. Pattern of examination assessment



- Quiz
- Seminar
- Assignment
- Regularity

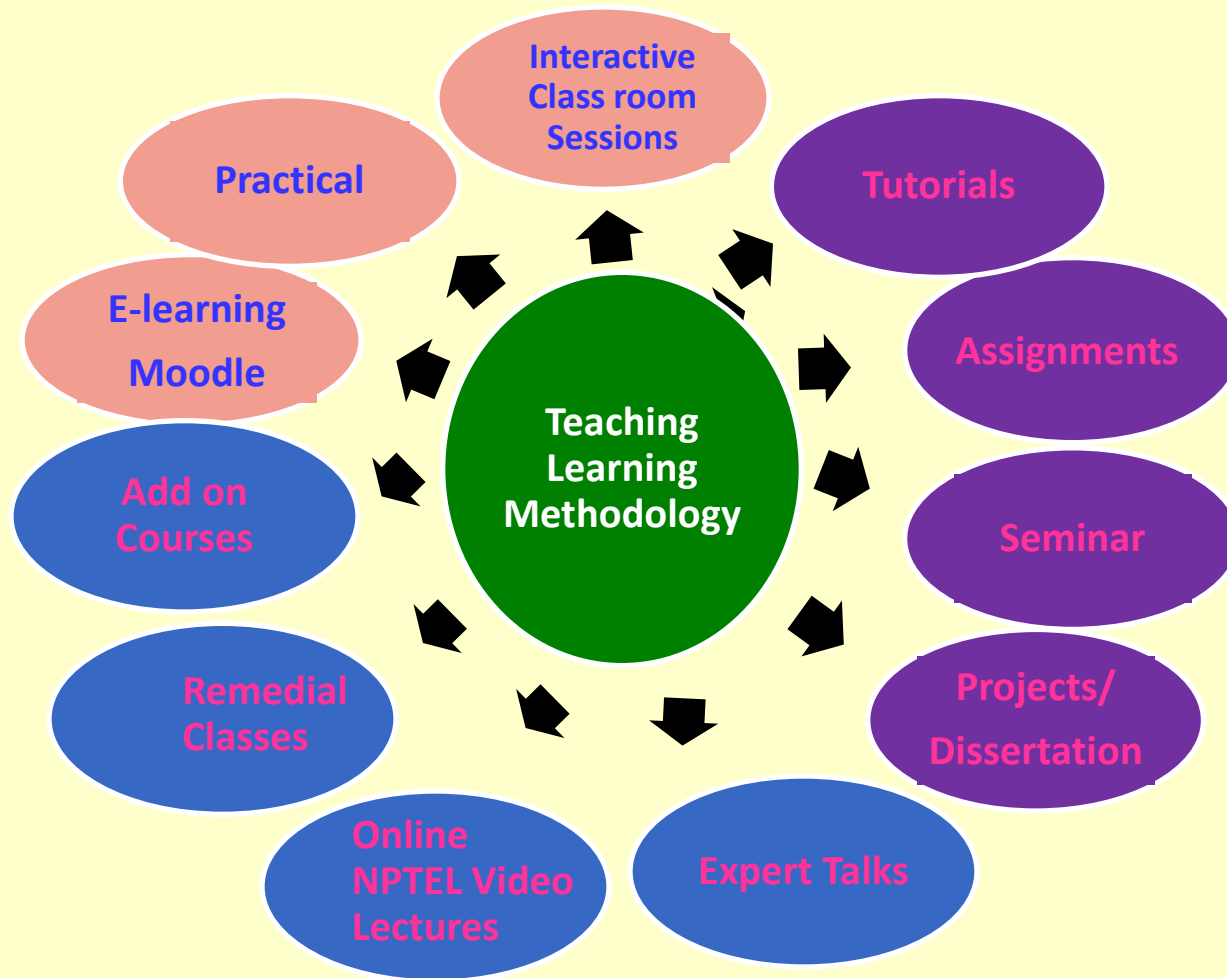
## 1. Student enrolment

- Enrolment and Admission Procedure is managed by ACPC
- Admission based on merit of CMAT Examination
- Reservation guidelines of ACPC followed

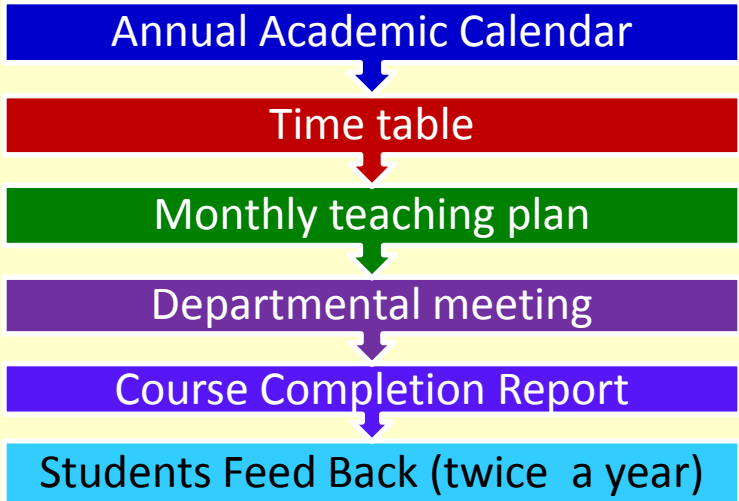


**Present Teacher – Student Ratio: 1: 17**

## 2. Teaching - Learning Methodology



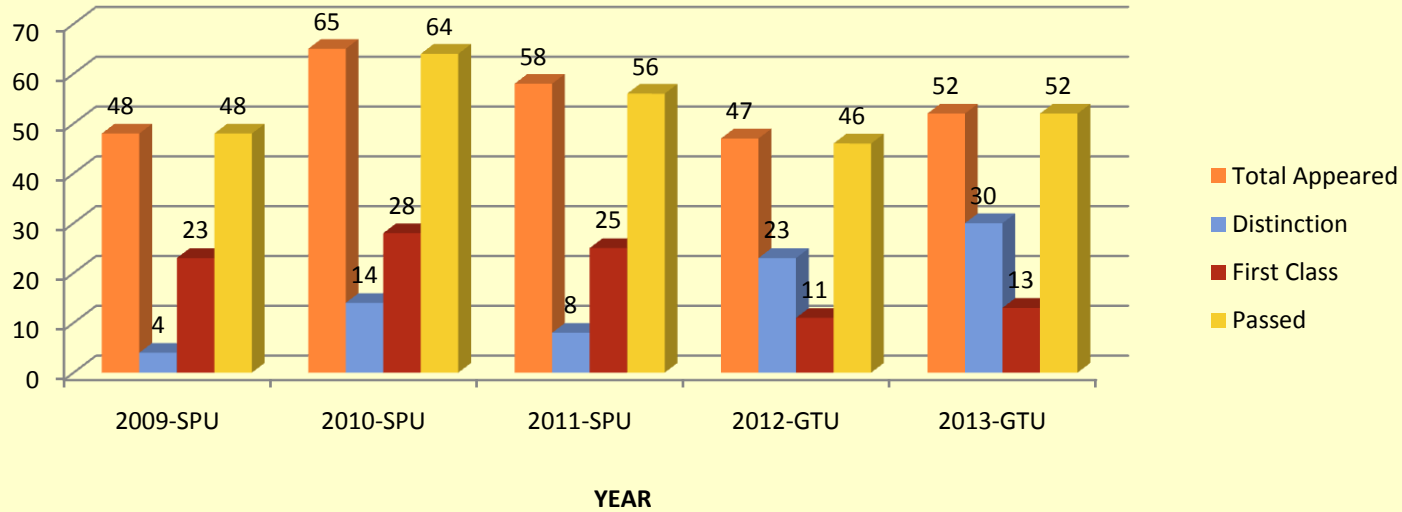
# 3. Evaluation of Teaching Progress



# 4. Student Performance & Learning Outcomes

## University exam result

MCA STUDENT RESULT 2009 TO 2014



## 4. Student Performance and Learning Outcomes

- Placement Statistics.....70 – 80 % placement

## 5. Teacher Quality

- 4 faculty having Ph.D. degree, 5 faculty reading for Ph.D
- All having more than 6 years of experience
- Book Published - 04

### Dr. Priyanka Sharma

- Title: Computer Maintenance & Peripherals
- Publication: Lambert Academic Publishing
- ISBN No: 978-3-8484-8542-0

### Dr. Priyanka Sharma

- Title: Business Data Processing
- Publication: Lambert Academic Publishing
- ISBN No: 978-3-659-27029-1

### Dr. Priyanka Sharma

- Title: A Conceptual Overview of knowledge Based System
- Publication: Akshat Publication & Distributors

### Dr. Mijal Mistry

- Title: Begining with jQuery
- Publication: Lambert Academic Publishing
- ISBN No: 978-3-659-22386-0

➤ **Staff Invited as Resource Person for RC/OC/Seminar/Conferences**  
**Participation of staff in seminars/ conference, workshops**

<b>Name of Faculty</b>	<b>No. of Events Attended</b>	<b>No. of Expert Talk Delivered</b>	<b>No. of Events Adjudged</b>
<b>Dr. Swaminarayan Priya</b>	<b>05</b>	<b>08</b>	<b>11</b>
<b>Dr. Priyanka Sharma</b>	<b>11</b>	<b>06</b>	<b>05</b>
<b>Dr. Kamlesh Vaishnav</b>	<b>20</b>	<b>80</b>	<b>10</b>
<b>Mr. Nirbhay Chaubey</b>	<b>16</b>	<b>01</b>	<b>01</b>
<b>Mr. Nitin Patel</b>	<b>01</b>	<b>02</b>	<b>00</b>
<b>Dr. Mijal Mistry</b>	<b>03</b>	<b>09</b>	<b>01</b>
<b>Mr. Bhavesh Patel</b>	<b>02</b>	<b>02</b>	<b>01</b>
<b>Mr. Parag Moteria</b>	<b>03</b>	<b>01</b>	<b>00</b>
<b>Mr. Pritesh Patel</b>	<b>04</b>	<b>07</b>	<b>03</b>
<b>Ms. Subodhini Gupta</b>	<b>03</b>	<b>00</b>	<b>00</b>
<b>Ms. Megha Patel</b>	<b>03</b>	<b>00</b>	<b>02</b>
<b>Total:</b>	<b>71</b>	<b>116</b>	<b>34</b>

## ➤ Awards/Achievements



### ❖ **Dr. Narayan Joshi**

- Awarded “DRONA AWARD” by IBM India

### ❖ **Dr. Kamlesh Vaishnav**

- Received Best Paper Award (twice)
- Received Second Best Research Paper Award (once)

### ❖ **Mr. Nirbhay Chaubey**

- IEEE Outstanding Branch Counselor Award- Year 2010
- Appointed as a Coordinator of the Program (from 15th June to 29th July 2012) Global Experience Program held at Laurentian University(LU), Sudbury, Ontario, Canada

### ❖ **Dr. Mijal Mistry**

- Certified Microsoft .net Professional (MCP,MCTS)
- Microsoft .Net certification from Microsoft and GIL

### ❖ **Dr. Kunjal Mankad**

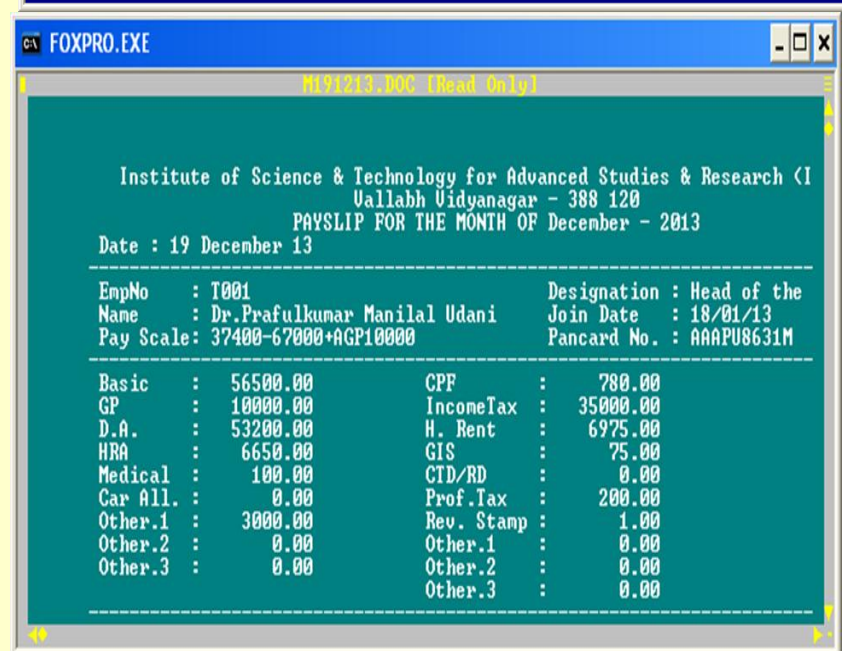
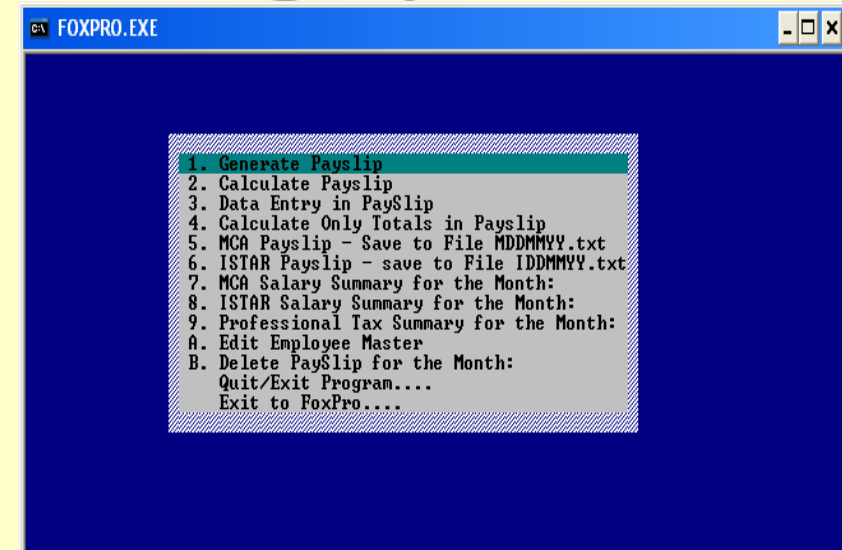
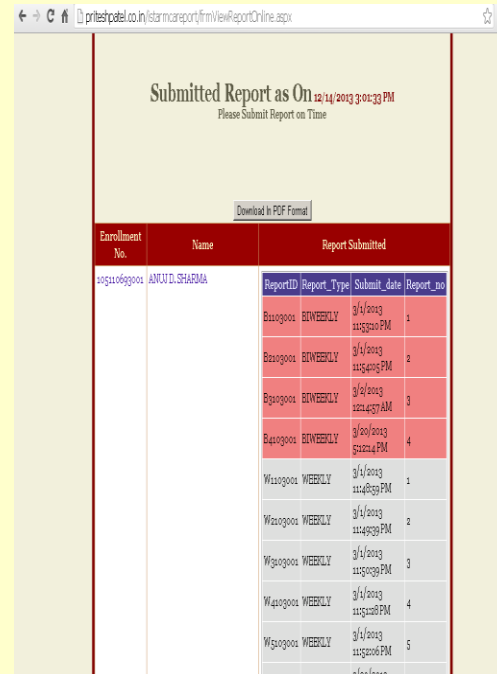
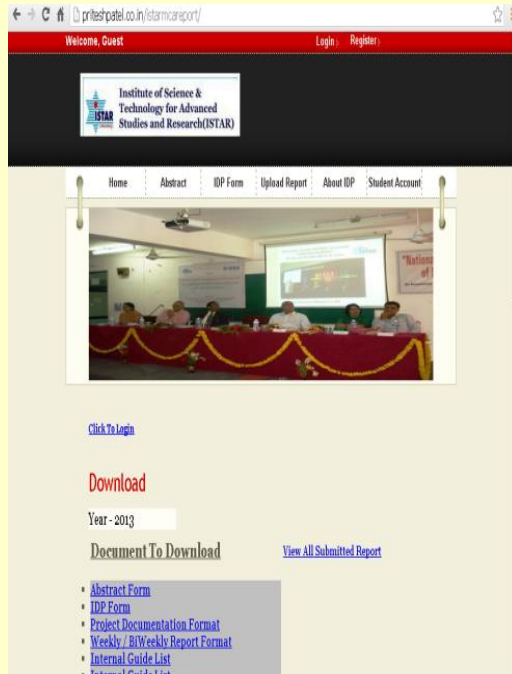
- Presented a paper at World Congress on Engineering & Computer Science, USA during 19-21 October 2011

### ❖ **Mr. Bhavesh Patel**

- Red Hat Certified Network Engineer

# MCA 6th Semester Project Report Submission Web Site

# ISTAR Payroll System developed and managed by MCA



On this web site students can upload their weekly and biweekly reports and can view their query status.

Faculties can reply to students' queries and System administrator can manage all users.

## 1. Research Guides

Sr. No	Name of Ph.D. Guides	Discipline	No. of Students Enrolled
1	Swaminarayan Priya	Computer Science	05
2	Sharma Priyanka	Computer Science	08

## 2. Resource Mobilization for Research/consultancy

- UGC Minor Research Projects (Completed): **01 (Rs. 70,000/-)**
- UGC Minor Research Projects (Sanctioned): **01 (Rs. 77,000/-)**
- UGC Minor Research Projects (Under review): **04 (Rs. 8,97,600/-)**
- MODROB Proposal (Under Review) : **02 (Rs. 31,46,500)**
- KCG Minor Research Proposal (Under Review) : **02 (Rs. 6,60,100)**

**Total Amount : Rs. 47,04,200 (under review)**

## 3. Research Facility

- Established R & D Center for Computer Science Department
- Three Computer Labs with highly configured clients and servers

## 4. Research Papers

Sr. No.	Faculty Name	Research Paper	Max. Impact Factor
1	Dr. Priya Swaminarayan	25	2.5
2	Dr. Priyanka Sharma	25	4.5
3	Dr. Kamlesh Vaishnav	15	-
4	Mr. Nirbhay Chaubey	3	-
6	Dr. Mijal Mistry	25	4.5
7	Mr. Parag Moteria	4	2.5
8	Mr. Pritesh Patel	13	2.5
9	Mrs. Megha Patel	2	-
10	Mrs. Subodhini Gupta	1	-
<b>Total</b>		<b>113</b>	

### Domain Areas :

- Semantic Web
- Knowledgebase System
- Database Systems
- Networking, Mobile Ad Hoc Networks (MANETs) and Network Simulation
- Mobile & Web Technology
- Data Mining

## 5. Publication

- RESEARCH@ICT: International Journal of Information and Computing Technology
- ISSN: 0976 – 5999



|| ISSN: 0976 – 5999 || Volume-3 Issue-1 || December 2013 ||

**International Journal of  
Information and Computing Technology  
(RESEARCH@ICT)**

Sr. Paper Title	Authors	Page No.
1. Information and Communication Technology for Rural Development	P. M. Udani Veena Sharma Aslam Juneja	01
2. Effective Iris Recognition for Security Enhancement	Almas M. N. Siddiqui Rupali Telgad Dr. Prapti D. Deshmukh	08
3. Accessing Student Data in Education System on Mobile Device in XML Format	Mr. Swapnil Patel Dr. Dipi Shah	11
4. Implementation of E-learning Using Mobile Technology	Dr. Priyanka Sharma Ruhvi R. Shah Rushabh R. Shah	14

Sr. Paper Title	Authors	Page No.
5. Analysis of Classification Methods of Open Source Software	Husain Godhrawala Dr. S. O. Khanna	20
6. An Overview of Service Oriented Architecture and Technologies for its Implementation	Kamlesh Vaishnav Priya Swaminarayan	24
7. Accessing Web Data using XML Based Web Service on Android Phone to Read Student Information	Mr. Pritesh N. Patel Ms. Jigisha Patel Dr. P. V. Virparia	29
8. Software Piracy Protection by a New Watermarking Algorithm	Ms. Suchita B. Patel Ms. Kamini H. Solanki Mr. Arpan Raval	32
9. E-Learning Model – A Case of Computer Graphics Animation	Rupali Telgad Aarti S. Kadam	35

Published by:  
**Department of Computer Science**  
Institute of Science and Technology for Advanced Studies and Research  
(Charutar Vidya Mandal)  
NR. V. P. & R. P. T. P. Science College  
Mota Bazaar  
Vallabh Vidyanagar, GUJARAT, INDIA

Logo: 0976-5999

## 6. Seminars/ Workshops Organized

YEAR	Title of the Course / Workshop	# of Participation	Type of Course
2013-14	ASP.NET with C# (2 Months)	23	Certificate
	Two Days Workshop on Dot Net Technology	52	Workshop
	One Day Regional Workshop on GIS Technology & Applications	150	Workshop
	Two Days Regional Workshop on UML Technology	55	Workshop
	One Day Workshop on Android and Mobile Technology	56	Workshop
2012-13	Two days workshop on Dot Net Technology	50	Workshop
2010-11	National Workshop on Simulation of Networks using NS2 Simulator (NWSN-2010)	63	Workshop
	TECHNOKHOJ –2010	196	Workshop
2009-10	TECHNO SAMPARK –2009	128	Workshop
	Seminar on “Neural Networks and its Applications	170	Workshop

<b>Total Workshops/Courses Organized during last 5 Years</b>	<b>:</b>	<b>10</b>
No. of Expert Talks Arranged for Students in Last 5 Years	:	10

# Workshops/Seminars Organized Continue ....



**Dot Net Workshop**



**TechnoKhoj**



**GIS Workshop**



**UML Workshop**

# List of Major Events (2009 – 2014)



Sr. No.	Year	Event Title	Date
1	2013-14	Android Workshop	16-02-2014
2	2013-14	UML Workshop	08-10-2013
3	2013-14	Open House-2013	05-10-2013
4	2013-14	C & JAVA Programming Competition	05-10-2013
5	2013-14	Expert Talk – Scanning& Parsing – Jonita Madam	04-10-2013
6	2013-14	GIS Workshop	21-09-2013
7	2013-14	Company Visit (Vrindi)	19-09-2013
8	2013-14	Dot Net Workshop-2013	30-08-2013
9	2012-13	Guest Lecture DBC Sir	12-02-2013
10	2012-13	Programing Competition	22-09-2012
11	2012-13	Poster Competition	22-09-2012
12	2012-13	Open House-2012	22-09-2012
13	2012-13	Teachers Day-2012	05-09-2012
14	2012-13	Dot Net Workshop-2012	06-08-2012
15	2011-12	Company Visit (TOPS)	19-04-2012
16	2011-12	Guest Lecture-Research Methodology-Shanubhoge Sir	11-04-2012
17	2011-12	Guest Lecture-SDLC-Mr. B. B. Patel	10-04-2012
18	2011-12	Company Visit (Vrindi)	20-01-2012
19	2010-11	Guest Lecture-Computer Network-Mr. Atul Patel	00-05-2011
20	2010-11	Guest Lecture-Distributed Computing -Mr.NinadBhavsar	00-05-2011
21	2010-11	Guest Lecture-DBMS-II - Mr.NinadBhavsar	00-05-2011
22	2010-11	Company Visit (TOPS)	00-00-2011
23	2010-11	National Workshop on NS2	24-09-2010
24	2010-11	Company Visit (TOPS)	16-08-2010
25	2010-11	Company Visit (TOPS)	13-08-2010
26	2010-11	Guest Lecture-Internet Security-Dr. D. B. Choksi	13-08-2010
27	2009-10	Expert Talk-ERP & SAP Technology	06-02-2010
28	2009-10	Techno Khoj-2010	04-02-2010
29	2009-10	Guest Lecture-Emerging Trends in ICT -Dr. D. B. Choksi	11-01-2010
30	2009-10	Company Visit (TOPS)	00-00-2009



# Major Events at MCA Department



# Infrastructure and Learning Resources

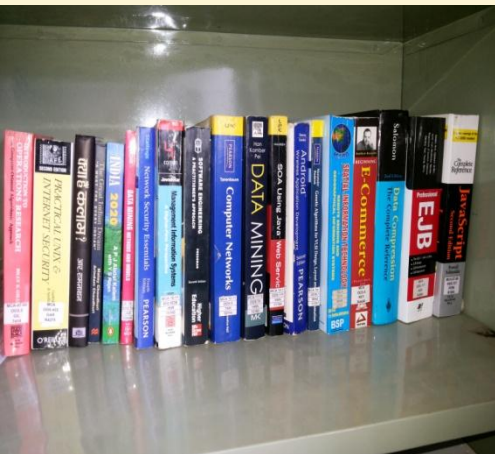


## Class Rooms & Capacity

### Classroom with LCD Projector



### Departmental Library



## Computing Infrastructure

1. Laser Printers- 03
2. Scanner – 01
3. Laptops – 04

No AMCs (Annual Maintenance Contracts)

### e-Learning Resources:

[istarmoodle.co.in](http://istarmoodle.co.in)

### Faculty Cabin :05

## Laboratories

### Practical Laboratories : 03

- Computer Lab – 01 (61 PCs + 1 Rack Server + 2 Tower Server)
- Computer Lab – 02 (35 PCs)
- Internet Lab (28 Thin Clients)



## 1. Student Support

- **Counseling**
- **Project/Dissertation Guidance**
- **Add on / Enrichment Courses**
- **Language laboratory**
- **Campus Interview**
- **Expert Talks**

## 2. Student Progression

- **Three students of MCA-5<sup>th</sup> semester (2010 Batch) have attended a six week International **Global Experience Program (IEGP)** for GTU MCA Students from 15<sup>th</sup> June to 29<sup>th</sup> July 2012 at Laurentian University(LU), Sudbury, Ontario, Canada.**
- ❖ **MCA to MS (1 student)**
  - **Mr. Ravi Jayeshbhai Patel (2010 Batch) is doing MS in Data Mining at Laurentian University, Sudbury, Ontario, Canada**

## ❖ MCA to Ph.D.:( 3 students)

- Hardik Gohil pursuing his Ph.D at University of Hertfordshire, London, UK
- Mr. Pritesh Patel pursuing his Ph.D at S.P.University
- Mr. Sohil Pandya has completed his Ph.D. from Kadi Sarva Viswa Vidhyalaya



## ❖ Students Participation in Co-curricular activities

Name of the Student	Event	Organized By	Rank/Prize
Bhandra Chetan N	JAVA Programming	Chaudhari Technical Institute, Gandhinagar	1 <sup>st</sup> Rank & course prize worth Rs. 20,000 INR
Swati Soni	Web Designing	Babaria Institute of Technology, GTU	2 <sup>nd</sup> Rank
Yuvraj & Sukhjeet	Quiz	Babaria Institute of Technology, GTU	2 <sup>nd</sup> Rank
Kalawanti & Ashwin Kanani	State Level Programming	AIIS	1 <sup>st</sup> Prize

## ❖ Students Participation in Co-curricular activities

Name of the Student	Event	Organized By	Rank/Prize
Avtar Suchariya	JAVA Programming	IIT Bombay	2 <sup>nd</sup> Prize
Mr. Rakesh Ramani and Mr. Ashwin Kanani	Programming Competition	SEMCOM	2 <sup>nd</sup> Prize
Mr. Jikadra Alpesh, Mr. Ramani Rakesh and Mr. Modhwadiya Dilip	Divide and Conquer Programming competition	IEEE GCET Student Branch	1 <sup>st</sup> Prize

- **5 Times 1<sup>st</sup> in ZONE** (DEC-13(MCA-3<sup>rd</sup> ), MAY – 13 (MCA-4<sup>th</sup>), DEC-12 (MCA-3<sup>rd</sup>), JUN-12 (MCA-2<sup>nd</sup> ), JAN -12 (MCA-1<sup>st</sup> ))
- **4 Times in TOP 5 Institutes** [DEC – 2011, JUNE – 2011, MAY – 2011, JAN – 2010)]
- Ameet Sagar secured 14<sup>th</sup> rank in GTU
- Mehul secured 19<sup>th</sup> rank in GTU
- Anil secured 24<sup>th</sup> rank in GTU

## 3. Expert Talks - 10 (2009 to 2014)

Year	Topics	Name of Expert
2013	Scanning and Parsing	Ms. Jonita Mekie
2012	Research Methodology	Dr. Ashok Shanubhogue
	SDLC Cycle	Mr. Bharat Patel
2011	Dot Net Technology	Mr. Priyank
	Computer Networking	Mr. Atul Patel
	Distributed Computing	Mr. Ninad Bhavsar
2010	DBMS-II	Mr. Ninad Bhavsar
	Software Engineering	Mr. Hardik
	Advanced features of SQL Server for project development	Mr. Dharmesh Patel
	.NET Technology in industry	Industrial Expert



## 4. Industrial Visits - 05 (2009 to 2014)

Year	Name of Company	No. of Participants
2013	C-DAC, Pune	57 Students
2013	IIIT, Pune	57 Students
2011	Zen Softtech Pvt. Ltd., Baroda	30 Students
2010	ISRO, Ahmedabad	45 Students
2010	IPR, Gandhinagar	45 Students





- Started IEEE Student Branch from 2006
- ISTAR Student Branch is the 8<sup>th</sup> student branch of the IEEE in Gujarat



- Started ISG Vallabh Vidya Nagar Chapter at ISTAR from 2014
- 3<sup>rd</sup> ISG Branch in Gujarat



## 5. Open House - 02 (2012-13, 2013-14)



# 6. Placement Record

➤ 70 to 80% on-off campus placement



## 5. Placement Record

Sr.	Name of Student	Name of Company
1	Amit Vishwas	Microsoft, USA
2	Hardik Patel (Ukai)	Oracle, Bangalore
3	Keyur Thakor	Infosys, Pune
4	Prashant R. khandalkar	EVOSYS, Oracle HCM Consultant
5	Aditya Nilkanth Vyas	Techno Era
6	Upendra Dodiya	TCS, Bombay



### Entrepreneur

Sr. No.	Name of Student	Name of Company
1	Hardik Trivedi	Om Info Solution, V V Nagar
2	Gaurav Oza	Explonect Softtech
3	Suresh Kerai	Arkay Apps
4	Avtarsingh Suchariya	Suchariya Software, Dabhoi
5	Mahesh Prajapati	Techno Partner, Anand



## Extra Curricular Activities



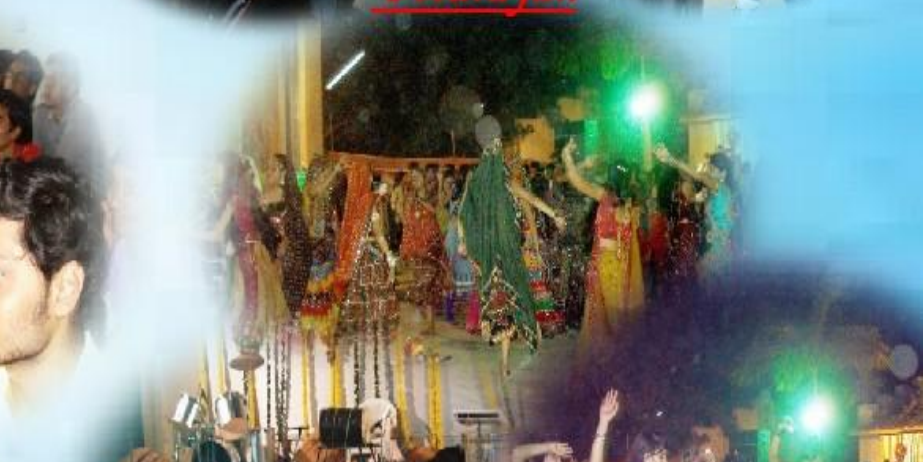
Independence Day



Uttarakhand



Spiritual Lecture



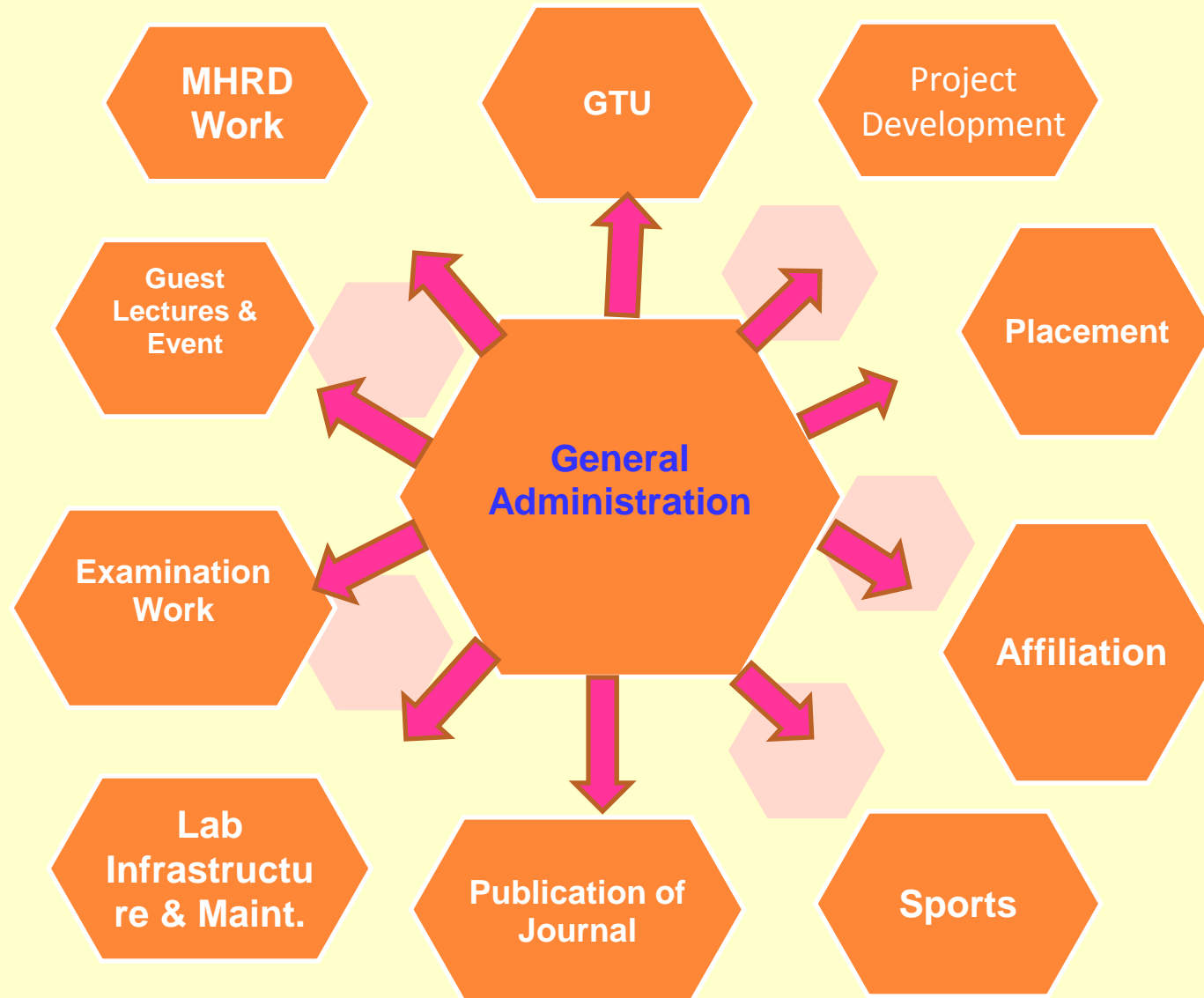
Ratri Navratri



Snake Show

# GOVERNANCE & LEADERSHIP

## 1. Departmental Responsibility ---- Well defined duty for all staff members



## 2. Departmental Representation in Governance and Management of institute

Sr.	Name of Faculty Member	Position
1	Swaminarayan Priya R.	<ul style="list-style-type: none"> <li>➤ Member – BOM ISTAR</li> <li>➤ Member - IQAC</li> <li>➤ Chairperson- Anti-Ragging Committee</li> </ul>
2	Priyanka Sharma	<ul style="list-style-type: none"> <li>➤ Member – BOM ISTAR</li> <li>➤ Chairperson – Women Harassment Cell</li> <li>➤ Coordinator – Research Committee</li> </ul>
3	Kamlesh Vaishnav	<ul style="list-style-type: none"> <li>➤ Coordinator – Grievance Committee</li> <li>➤ Convener – Website Maintenance</li> <li>➤ In-charge – Library Committee</li> </ul>
4	Nirbhay Chaubey	<ul style="list-style-type: none"> <li>➤ Member – Library Committee</li> </ul>
5	Bhavesh Patel	<ul style="list-style-type: none"> <li>➤ Member – AAA Committee</li> <li>➤ Member – Anti-Ragging</li> </ul>
6	Mijal Mistry	<ul style="list-style-type: none"> <li>➤ Member – Central Committee</li> <li>➤ Coordinator – Staff Club</li> </ul>
7	Pritesh Patel	<ul style="list-style-type: none"> <li>➤ Member – Alumni Committee</li> </ul>
8	Megha Patel	<ul style="list-style-type: none"> <li>➤ Girls Hostel Counselor</li> <li>➤ Member – Personality Development Committee</li> </ul>
9	Parag Moteria	<ul style="list-style-type: none"> <li>➤ Member – Personality Development Committee</li> </ul>
10	Subhodhini Gupta	<ul style="list-style-type: none"> <li>➤ Member - Women Harassment Cell</li> </ul>

## Strength

- \* Expertise in Semantic Web, Web Technology, GIS, Data Mining, Wireless Network, Artificial Intelligence
- \* Offering more electives
- \* Bi-annual International Journal "Research@ICT"
- \* IEEE Student Branch
- \* ISG Chapter

## Opportunities

- \* Conduct certificate courses jointly with C-DAC, Microsoft, Oracle

## Weaknesses

- \* Consultancy Work
- \* Research Projects

# SWOC Analysis

## Challenges

- \* More number of students in distinction class
- \* Placement

## Future Plan:

New short term courses and university programs will further strengthen the department

Description	Remarks
<b>Mobile Technology &amp; Applications (3 - Months)</b>	<b>Certificate Course</b>
<b>Database Technology (3 - Months)</b>	
<b>Web Technology</b>	<b>M. Sc.</b>
<b>Data Warehouse and Data Mining (3 Months)</b>	<b>Certificate Course</b>
<b>Database Systems</b>	<b>M. Sc.</b>

