


## CURRICULUM VITAE



## Personal Information

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|---|-----------------|---|--|
| 1 | Name            | : | Dr. Atul giri Maya giri Gonsai   |
| 2 | Designation     | : | Associate Professor  |
| 3 | Work Place      | : | Department of Computer Science<br>Saurashtra University<br>Rajkot – 3600 005 Gujarat (India)<br>Phone – (0281) - 2585232   |
| 4 | Residence       | : | “Shri Mahakali Krupa”<br>190 – Prashil Park, Nr. University Gate<br>University Road<br>Rajkot – 3600 005 Gujarat (India)<br>Phone – +919427236866                                      |
| 5 | Passport Number | : | <u>F2****61</u>  |
| 6 | Web Site        | : | <a href="https://sites.google.com/site/atulgosai/">https://sites.google.com/site/atulgosai/</a><br> |
| 7 | Email           | : | <a href="mailto:atul.gosai@gmail.com">atul.gosai@gmail.com</a><br><a href="mailto:amgosai@sauuni.ernet.in">amgosai@sauuni.ernet.in</a>   |
| 8 | Date of Birth   | : | 23 <sup>rd</sup> June 1976   |



- 7 Email :** [atul.gosai@gmail.com](mailto:atul.gosai@gmail.com)  
[amgosai@sauuni.ernet.in](mailto:amgosai@sauuni.ernet.in)

- 8 Date of Birth : 23<sup>rd</sup> June 1976**

- ## 9 Educational Qualifications :

No.	Degree	Year	University	%	Subject
1	Ph.D. (Comp. Sci.)	2005	Saurashtra University	-	Computer Science
2	M.C.A.	2000	Saurashtra University	62.40	Computer Science
3	B.B.A.	1997	Saurashtra University	60.75	Marketing

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## 10 Awards / Achievements

1. Got the “**CAREER AWARD FOR YOUNG TEACHERS**” from ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE) New Delhi for the year 10/01/2007 to 10/01/2010. Award Amount RS. 10.50 Lakhs.
2. Got Selected at International level for **UK India staff Exchange program-2012-13** sponsored by UK India Education Research Initiative (UKIERI) and British Council. Visited University of Lincoln United Kingdom (UK) with total finance support of **Rs.2,64,300/-**
3. Got Selected for **Associate Fellow of UGC-IUC** at Indian Institute of Advanced Study (IIAS), Shimla for the year 2013-2016.
4. Got the First Ph.D. Degree in the Computer Science subject from Saurashtra University.
5. Got the first prize in paper presentation in “Securing Wireless Networks”, XVIII Gujarat Science Congress SC-2004 13 March 2004 At Department of Physics, Saurashtra University Rajkot.

## 11 Professional Membership

1. **ACM** (Association for Computing Machinery) Membership No.: **0737554**
2. **Life member Computer Society of India (CSI)** Membership No.:11500006
3. **Life member for ISTE** (Indian Society for Technical Education) Member No **LM42456**
4. **Life member for IETE** (Institution of Electronics & Telecommunication Engineers) Member No. **M-201885**
5. **Indian Science Congress Association (ISCA)**
6. **World Academy of Young Scientists (WAYS)**, Budapest, Hungary
7. **New York Academy of Sciences(NYAS)**
8. **International Association of Engineers (IAENG)** Member No: **104830**
9. **Senior Member-International Association of Computer Science and Information Technology (IACSIT)** Member No. **80334232**
10. **Universal Association of Computer and Electronics Engineers (UACEE)** membership ID: **SNM1003914**
11. **Life member for Youth Hostel Association of India (YHAI)**

## 12 Experience

### 1. Teaching

13<sup>th</sup> December, 2000 onwards Department of Computer Science, Saurashtra University, Rajkot

Designation	Type of Appointment	Name of Employer	Period		Salary with Grade
			From	To	
Assistant Professor	Full time	Registrar	13-12-2000	10-03-2005	8000-275-13500
Assistant Professor (senior scale)	Full time	Registrar	11-03-2005	10-3-2010	10000-325-15200

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Assistant Professor (grade pay-3)	Full time	Registrar	11-03-2010	10-03-2013	26860-8000
Associate Professor (grade pay-4)	Full time	Registrar	11-03-2013	Continue	37400-9000

### 13 Foreign Visit

1. Computer Science & IT Education Conference (CSITEd 2007) November 16-18, 2007 The Republic of Mauritius
2. International Conference on Communication Systems and Applications (ICCSA'09) Hong Kong, 18-20 March, 2009 organized by the International Association of Engineers (IAENG).
3. International Journal of Arts & Sciences Conferences ORLANDO, USA March 1-4, 2010
4. 10th Mission to China for State Education Departments (Higher & Technical) Universities, Business Schools and Institutes of Engineering & Technology from India (Wednesday, 21 - Tuesday, 27 September 2011) to Shanghai – Suzhou– Beijing, China.
5. International level for UK India staff Exchange program-2012-13 sponsored by UK India Education Research Initiative (UKIERI) and British Council. Visited University of Lincoln United Kingdom (UK) 27th April to 10th May 2013.
6. 2nd International Conference on “SUPERCOMPUTER TECHNOLOGIES IN MATHEMATICAL MODELLING” (SCTEMM-2013) in Yakutsk, Russia on July 8-11, 2013 organized by M.K. Ammosov North-Eastern Federal University

### 14 Subject Taught

Degree	Semester	Subjects
<b>MCA</b>	MCA-I	Programming In C, Computer Organization & Architecture, Information technology
	MCA-II	System Analysis and design(SAD), Data Structure,
	MCA-III	Unix/Linux Concepts and Shell Programming, Data Communication & Networking
	MCA-IV	Building Applications Using JAVA, Networking Programming
	MCA-V	Advance Networking, Wireless Networking, AI & Intelligent Systems, C#, ASP.NET
	MCA-VI	Project Development Guidance
<b>MSc. IT</b>	MSc. IT-I	Linux administration & Advance shell Programming
	MSc. IT-II	High Performance Computing, Cluster Server Computing, Internet Programming using Java
	MSc. IT	Mobile computing and WAP based Applications

### 15 Professional Training

1. Participated in Knowledge forum session on Android Development at CSI Rajkot Chapter at Marwadi College Rajkot on 14<sup>th</sup> March 2014.

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2. One Week Short term training program on “Advanced Java” sponsored by UGC during 3-8 March 2014 at Department of computer Science, Saurashtra University Rajkot.
  3. DST sponsored national training program on Soft Computing held at ABV-IIITM Gwalior during 17-21, Feb 2014.
  4. Microsoft Research India Summer school 2009 on Networking in collaboration with Indian Institute on Science (IISc) Bangalore held from 8<sup>th</sup> to 19<sup>th</sup> June 2009.
  5. 10th Mission to China for State Education Departments (Higher & Technical) Universities, Business Schools and Institutes of Engineering & Technology from India (Wednesday, 21 - Tuesday, 27 September 2011) to Shanghai – Suzhou– Beijing
  6. DCNI (D – link certified network integrator) For networking of D – link products at D – link factory Goa during 04-07/12/01
  7. Attended one day program on “D-link netvision-2003 – towards a networked world” organized by D-link India Ltd.(Ahmedabad)
  8. Attended Five Day Training Program of “Microsoft Academic Developer Program on .NET Technology” Organized By Microsoft India During 21-06-2004 to 25-06-2004.
  9. Attended AICTE-ISTE Short Term Training Program (STTP) on “Trends in Broad Band Communication” at Department of Telecommunication Engineering, R V College of Engineering Bangalore During 30<sup>th</sup> August 2004 to 4<sup>th</sup> September 2004.
  10. Attended three days program on “database management is using DB2” at Department of computer science, Saurashtra University during 17-19 January 2005.
  11. Attended three days’ workshop on “Computer literacy for lecturers: Resource Persons Workshop” at Academic Staff College, Saurashtra University during 24-26 September 2005.
  12. Got selected to take part in D-Link Corporate Training Program at D – link factory Goa during 18-20 October 2005
  13. Attended three days’ workshop on “Open Source Development Tools and Linux Platform” at Department of Computer Science Saurashtra University on 25-27 October 2005.

## **16 Orientation Program And Refresher Courses /Short Term Courses**

- **Program Director**

1. UGC Sponsored NATIONAL LEVEL SHORT TERM TRAINING PROGRAM ON “NETWORKING & WIRELESS NETWORKING” (March 27, 2009 – March 29, 2009) Organized by Department of Computer Science Saurashtra University, Rajkot – 360005.Gujarat

- **Attended**

1. UGC Sponsored Orientation course conducted by academic staff college, Saurashtra University, Rajkot during 04-06-2001 to 30-06-2001.
2. UGC Sponsored Refresher Course Conducted by Thapar Institute of Engineering & Technology, (Deemed University) on “Computer networks – Present & Future”, Patiala, Punjab during 5-24, December 2005.
3. UGC Sponsored Orientation course conducted by academic staff college, University of Pune on “REFRESHER PROGRAMMES IN COMPUTER APPLICATION” during 11.01.2010 to 31.01.2010.
4. UGC Sponsored Special Summer School conducted by academic staff college, Saurashtra University, Rajkot during 09-07-2012 to 29-07-2012.
5. UGC Sponsored Professional Development Program for Teachers on “Creative Workshop on Search and Research” under short term course during 21/10/2013 to 27/10/2013 at academic staff college, Saurashtra University, Rajkot

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- **Resource Person**

1. Worked as a resource person in orientation programmes and refreshers course Academic staff college, (ASC) Saurashtra University Rajkot.
2. Worked as a resource person in orientation programmes and refreshers course Academic staff college, (ASC) Sardar Patel University Vallabh Vidyangar.
3. Worked as Resource Person at Three day workshop on “Promotion of Culture of Quality through Research” organized by Knowledge Consortium of Gujarat (KCG), Department of Higher Education, Government of Gujarat at M P Shah Commerce College, Jamnagar during 9th to 12th March 2012.
4. Worked as Resource Person at Three day workshop on “Promotion of Culture of Quality through Research” organized by Knowledge Consortium of Gujarat (KCG), Department of Higher Education, Government of Gujarat at M J Commerce College, Bhavnagar during April 29, 30 & May 1, 2012.
5. Worked as Resource Person at Three day workshop on “Promotion of Culture of Quality through Research” organized by Knowledge Consortium of Gujarat (KCG), Department of Higher Education, Government of Gujarat at M P Shah Commerce College, Surendranagar during August 28 to 30, 2012.
6. Worked as Resource Person at Three day workshop on “Promotion of Culture of Quality through Research” organized by Knowledge Consortium of Gujarat (KCG), Department of Higher Education, Government of Gujarat at Kutchh University, Bhuj during September 5 to 7, 2012.
7. Worked as Resource Person at Three day workshop on “Promotion of Culture of Quality through Research” organized by Knowledge Consortium of Gujarat (KCG), Department of Higher Education Anand, Government of Gujarat at Shri C P Patel and F H Shah Commerce College Anand during September 8 to 10, 2013.

## **17 Coordination for Various Programs**

1. Working as a Coordinator for International relations for Saurashtra university since 1 December 2010
2. Worked as a Co-coordinator for Department of Science and Technology (DST), Government of India sponsored INSPIRE INTERNSHIP SUMMER CAMP – 2011 (Innovation In Science Pursuit for Inspired Research) during 3-7 May, 2011 AT Saurashtra University, Rajkot

## **18 TV/Radio Talk**

1. “Interview in Yuva Vani Programme” in All India Radio Rajkot on 4<sup>th</sup> march 2007
2. “Interview on Interfaces in Computer for Gnan Vignan Program” in ALL India Radio on 29/3/2007 at 3.00pm
3. Interview on program named “Sabse Alag Sabse Juda” on DD Rajkot and DD-11 Gujarati on 18/7/2007 and 23/7/2007 respectively.
4. “An Interview on “C” The most dynamic Computer Language” in ALL INDIA RADIO on 6-6-2008 recorded on 9-4-2008.
5. “Software Development skill” interview for Gyan Vignyan for ALL India Radio on 21/4/2010 at 9.30am
6. An Interview on “Java Programing” for Gyan Vignan for ALL India Radio on 15/6/2011 at 8.50am
7. An Interview on “System Analysis” for Gyan Vignan for ALL India Radio on 16/5/2012 at 9.05am

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8. An Interview on "Network Hacking and Security" in "GyavVigyan" Program for ALL India Radio on 03/10/2012 at 9.05am
  9. An Interview on "Android Phones" for Gyan Vignan for ALL India Radio on 02/04/2014 at 9.05am

## **19 Invited Talk**

### **2002**

1. "High-speed networking and Internetworking" at Shree K M Savjani & Smt. K K Savjani College, Veraval on 20 October 2002.

### **2004**

2. "LAN to WLAN" at Shree K M Savjani & Smt. K K Savjani College, Veraval on 31 January 2004 for the state level workshop.
3. "Wireless networking" IT and emerging computer and communication technologies- ITWARM-2004 IT workshop February 6-7-2004 at S. V. Institute of computer studies Kadi
4. "Data Structure and Its Applications in C" Seminar at K P Dholakiya info. Tech. Mahila College, Amreli on 16<sup>th</sup> October 2004.

### **2005**

5. "SOUL Training program" At M S University of Baroda for H M M Library on 20-21 March 2005.
6. Seminar on "wireless Communications and Devices" at Smt. K K Savjani BCA College Varaval on 8-4-2005. on the Topic " Networking g& Wireless networking"

### **2008**

7. "Linux installation, file system and Linux commands" at Workshop on Linux and open source software on 8-9 December 2008 at INFLIBNET Centre Ahmedabad.

### **2009**

8. "Digitizing audio and its Preservation" at national level Workshop on DIGITIZATION OF AUDIO ARCHIVALS AND ITS MAINTENANCE IN LIBRARY on 4-5-2009-8-5-2009 at All India Radio, Rajkot.

### **2010**

9. "Wonders of Computer & digital Media (Internet, Search Engine and Email)" at INSPIRE summers camp organized by DST (Department of Science and Technology) during 3-7 may 2010
10. "socket Programing in Computer Network" at VVP Engineering College Rajkot on occasion of "international Internet Day-2010" on 29-10/2010

### **2011**

11. "Java Inheritance theory and practical" at Department of computer science on UGC Sponsored Short Term Training Program on "Core Java" during 28-30 January 2011.
12. "socket and socket programming" at Jamnagar Doshi College on 5<sup>th</sup> State level seminar on Emerging trends and applications in information technology [Rural development] on 13<sup>th</sup> march 2011

### **2012**

13. A Lecture on "Advance in Computer Network (Server Installation and Configurations)" at Knowledge Consortium of Gujarat( KCG) by Government of Gujarat, on 25<sup>th</sup> August 2012 Live Television Lecture Series from BISAG Gandhinagar.

### **2013**

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14. Invited lecture on “Wireless Network Standards, Issues & Research Opportunities” at Marwadi College on the Occasion of National Workshop on Emerging Trends in Advanced Networking, 23-25 January 2013.
  15. Invited lecture on “ICT and its application” at Career Council and Development centre, Saurashtra university for UGC Net Exam preparations during 21-22 August 2013.
  16. Invited lecture at Somnath Sanskrit University on 21-22 September 2013 for Phd. Course work for the Ph. D Students at Veraval.

#### **2014**

17. Invited lecture on “Wireless Network Communication: Threats, Securites, Best practices” at B M Nandola Education Campus Bhacha(Una) on the Occasion of FDP on “effective Teachng”, 17-18 February 2014.

## **20 Publications**

### **1. Research Papers**

#### **1. International Level**

##### **2004**

1. “Networked Based e-Learning Classroom Model for Educational Institutions” International Conference On Forth Wave Education Organized by Department of Education Saurashtra University Rajkot (10-12 Jan 2004) Pg. 118-118, By Atul Gosai, N N Jani
2. “High-speed Network Model for HiTech Libraries” International Conference On Digital Libraries ICDL-2004 24 -27 February 2004 organized by TERI New Delhi. Vol.-II Pg843-849, By Atul Gosai, N N Jani, ISBN-81-7993-029-7
3. “Wireless Wi-Fi Library Networks” CALIBER-2004: International INFLIBNET Conference February 11-13, 2004 Organized By Jamia Millia Islamia, New Delhi Pg. 402-406, By Atul Gosai, Nilesh soni ISBN-81-900825-8-2
4. ” Network Models for Library and Security Issues” Second International PLANNER-2004 (Promotion of Library Automation and Networking in North Eastern Region) Organized by INFLIBNET and Manipur University Imphal During 4-5 November 2004. Pg. 124-131, By Atul Gosai, Nilesh soni ISBN-81-900825-8-2
5. “Network Traffic Monitoring & Performance Tuning Through Open Source Tools – A Comparative Study” International Conference on Emerging Technology (ICET2004) Organized by Kalinga Institute of Industrial Technology (Deemed University) Bhubaneswar during 22-24 December 2004. Pg 186-194, By Atul M. Gonsai, N N Jani, C K Kumbharana ISBN-81-7764-726-1

##### **2005**

6. “Wireless Connections Policies and Standards” International CALIBER-2005: International INFLIBNET Conference February 2-4, 2005 Organized By Cochin University of Science and Technology Cochi, Kerala Pg.484- 496, By Atul Gosai, N N Jani , Nilesh Soni
7. “Library Security through Networking of CCTV Cameras- A Case Study of Saurashtra University Library, Gujarat” International conference on Information Management

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(ICIM-2005), Organized by IASLIC on Golden Jubilee Year at Mumbai during 21-25 February 2005, By Atul Gosai, Nilesh Soni Volume-I, Pg.390-400

**2006**

8. "Wireless Network - the Art of Networking without Wires" 4th International Convention CALIBER-2006 On Dynamic Interoperable Web based Information Systems Feb 2 - 4, 2006 Jointly Organized by INFLIBNET Centre and Gulbarga University By Dr. Atul Gosai , Nilesh Soni Pg. 768. ISBN-81-902079-1-1

**2007**

9. "Biometric Authenticated Library Network Model for Information Sharing" International CALIBER-2007 8-10 February, 2007, Organised by INFLIBNET Centre (An IUC of UGC, Ahmedabad) in Collaboration with Panjab University, Chandigarh, Punjab By Dr. Atul M. Gonsai, Nilesh N Soni pg.491-497

10. "IEEE 802.11 Wireless LAN Securities: Performance Evaluation" International Conference on Intelligent Systems & Networks (IISN-2007) Haryana Engineering College, Old Chhachhrauli Road, Jagadhri-135003 By Dr. Atul M. Gonsai

11. "Computer Network Based e-Learning Model for Educational Institutions through E-publications" Computer Science & IT Education Conference (CSITEd 2007) November 16-18, 2007 The Republic of Mauritius (Indian Ocean) Hosted by the University of Technology Mauritius By Dr. Atul M. Gonsai

**2009**

12. "Bandwidth Performance testing of IEEE 802.11 Wireless Local Area Networks" International Conference on Communication Systems and Applications (ICCSA'09) Hong Kong, 18-20 March, 2009 organized by the International Association of Engineers (IAENG). By Dr. Atul M. Gonsai ISBN-978-988-17012-2-0, Pg.295-299

**2010**

13. "Throughput & Response Time Performance of TCP/UDP Protocol on Outdoor Experimental Wireless Network" International Journal of Arts & Sciences Conferences ORLANDO, USA March 1-4, 2010, By Dr. Atul M. Gonsai.

**2013**

14. "CLOUD COMPUTING: A NEW PARADIGM FOR E-LIBRARY" International Conference on Research & Development in Engineering, Technology and Science-2013 on 7th April 2013 at G K Bharad Institute of Engineering and AES Journals in Engineering Technology, Science and Management, Sangli Maharashtra, By Dr. Atul Gosai, Mr. Rushi Raval
15. "Study of Supercomputer's Architecture, Application and Its Future Use" 2nd International Conference on "SUPERCOMPUTER TECHNOLOGIES IN MATHEMATICAL MODELLING" (SCTEMM-2013) in Yakutsk, Russia on July 8-11, 2013 organized by M.K. Ammosov North-Eastern Federal University by Dr. Gonsai Atul, Goswami Bhargavi, Kar Uditnarayan.
16. "A Study of Lab Satisfaction of MCA and MSc. (IT) Students of Department Computer Science of Saurashtra University, Rajkot" 2013 IEEE International Conference on MOOC, Innovation and Technology in Education (MITE) 20-22 December, 2013 Poornima Institute of Engineering and Technology, Jaipur, Rajasthan By <sup>1</sup>Dr. Atul M Gonsai, <sup>2</sup>Dr. Anil Ambasana, <sup>3</sup>Bhargavi H Goswami, <sup>4</sup>Manasi A. Antani, <sup>5</sup>Vidhdhi J. Rughani, Published in IEEE Explore.

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## 2. National level

### 2001

1. "10 Gigabit Ethernet & applications" 4th National conference of Indian society of statistics, computer and its application at Department of Computer Science, & Department of Statistic Date: 24-25-26/11/2001), By Atul Gosai, C K Kumbharana
2. "Network Intrusion & Measures for Robust Security" 4th National conference of Indian society of statistics, computer and its application at Department of Computer Science, & Department of Statistic Date: 24-25-26/11/2001), By Atul Gosai, N N Jani
3. "VSAT & its Application in Education" 4th National conference of Indian society of statistics, computer and its application at Department of Computer Science & Department of Statistic Date: 24-25-26/11/2001), By Atul Gosai, Hemant Viras

### 2002

4. "Multiservices network" National Level Seminar And Project / Design / Research Competition 2002 Jointly Organized by Department of Computer Science, Rajkot And Amoghsiddhi Education Society, Sangli Date: 23-25, March 2002, By Atul Gosai , N N Jani (Seminar)

### 2003

5. "Performance Tuned Network Management" ETA-2003 (Emerging Technology & Applications) National Level seminar 11, 12, 13-July-2003 organized by Department of Computer Science, Saurashtra University Rajkot, By Atul Gosai, N N Jani, C K Kumbharana (Seminar)
6. "WAP The NET Going Wireless" ETA-2003 (Emerging Technology & Applications) National Level seminar 11,12,13-July-2003 Organized by Department of Computer Science, Saurashtra University Rajkot, By C K Kumbharana, N N Jani, Atul Gosai (Seminar)
7. "Electronic Governance Applications for Citizens Need" National Conference on "Contemporary Issues in Management" on September 27th, 2003. Organized by Smt. R. D. Gardi Department of Business Management, Saurashtra University, Rajkot, By Atul Gosai

### 2005

8. "Real life monitoring through OOP" 92nd Indian Science Congress at Nirma University Ahmedabad on 3-7 January 2005, By C K Kumbharana , N N Jani , Atul Gosai
9. "OOP and Real life – A comparative Thought" National Conference on Computer Science and Informatics 18-19 February 2005. Organized by St. Joseph's College (Autonomous) Tiruchirapalli –Tamil Nadu, By C K Kumbharana, N N Jani, Atul Gosai

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10. "Wireless Communication with PC & ROBOTS" National Conference on Information & communication Technology (NCICT-2005) Organized by Technology Today on 27 march 2005 Ahmedabad, by Atul Gosai, Sailesh Khanesa
  11. "Wireless Network: Standards and its Applications" Third Convention PLANNER-2005 (Promotion of Library Automation and Networking in North Eastern Region) Organized by INFLIBNET and Assam University, Silchar during November 10-11, 2005, By Dr. Atul Gosai, Nilesh Soni

## **2006**

12. "An Experimental Evaluation of IEEE 802.11b Wireless Class Room Network Performance and Methodology" National Conference on "Wireless Information and Networking in Global Systems" March 9th – 10th 2006 WINGS – 2006 By K.L.N COLLEGE OF ENGINEERING Pottapalayam Post - 630 611, Sivagangai District, Tamil Nadu , By Dr. Atul Gosai
13. "Network-based E-learning through E-Publications" National Seminar on E-Publications March 23-24, 2006, GNIRSA, Hyderabad Organized By MGNIRSA, Hyderabad, By Dr. Atul Gosai Pg. 469-475. (Seminar)
14. "Wireless Local Area Network has No Clothes" AICTE Sponsored National Conference on Innovative Applications of IT and Management for Economic Growth of India. April 21–22, 2006 Apeejay Institute of Management, Rama Mandi-Hoshiarpur Road Jalandhar 144023(PUNJAB) , By Dr. Atul Gosai, Sanjib Kumar Sahu ISBN-978-81-8450-120-9
15. "Performance Evaluation of IEEE 802.11 Wireless LAN Securities" National Conference on Cryptography and Network Security (NCCNS'06) 22nd – 23rd September 2006 Organized by The Department of Computer Science and Applications KARPAGAM ARTS AND SCIENCE COLLEGE Pollachi Main Road, Eachanari Post Coimbatore - 641 021
16. "Wireless Wi-Fi Networks Makes Librarian Mobile - An Alternative Choice" P L A N N E R - 2 0 0 6 (Promotion of Library Automation and Networking in North Eastern Region) 9- 10 November 2006 organized by Organized By INFLIBNET Centre (An IUC of UGC) Ahmedabad & Mizoram University Aizawl ISBN-81-902079-3-8 By Dr. Atul Gosai, Nilesh Soni

## **2007**

17. "Experimental Performance Evaluation of IEEE 802.11 Wireless LAN Securities" 2nd National Conference on Recent Advances and Future Trends in IT (RAFIT2007) 16-17 Feb, 2007 Organized by: Department of Computer Science Punjabi University, Patiala, PUNJAB-147002 by Dr. Atul M Gonsai.

## **2008**

18. "Implementing IEEE 802.11b/g wireless Local Area Networks: Planning and Operations" P L A N N E R - 2 0 0 8 (Promotion of Library Automation and Networking in North Eastern Region) 6- 7 November 2008 organized by Organized

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By INFLIBNET Centre (An IUC of UGC) Ahmedabad & Nagaland University Dimapur  
by Dr. Atul M Gonsai, Dr. N R Sheth. ISBN-978-81-902079-7-3

**2012**

19. "Study and Analysis of Symmetric Key-Cryptograph DES, Data Encryption Standard" Proceedings of UGC sponsored National Seminar on Scientific Wealth of Physics SWP-2012, August 26, 2012 organised by Physics Department and H & H B Kotak Science College Rajkot. By Dr Atul Gonsai<sup>1</sup>, Naimish Kakkad<sup>2</sup>, Bhargavi Goswami<sup>3</sup>, Dr Nikesh Shah<sup>4</sup>. (Seminar) ISBN- 987-93-5067-857-2 pg. no.68-72

**2013**

20. "Virtualization: An Effective Contribution to Green Technologies" Proceedings of IETE Zonal Seminar on Green Technologies on 13-14 October 2013 at Rajkot IETE Centre. By Dr. Atul M Gonsai Pg. 56-61 (Seminar)
21. "Cloud Computing: A Prospective paradigm for E-Learning" Proceedings of National Conference on Current Reality & Emerging Trends in Global Word held on Monday 30<sup>th</sup> December 2013 at P S Hirpara Mahila College- Jetpur.
22. "Performance Analysis on Various Mobile P2P Technologies" National Level conference on "Computer Science & Security" (COCSS-2013) April 05-06, 2013 ISBN Number: 978-81-923462-0-5
- 23.

**3. State level/Regional**

**2004**

1. "Securing Wireless Networks", XVIII Gujarat Science Congress SC-2004 13 March 2004 At Department of Physics, Saurashtra University Rajkot, By Atul Gosai, N N Jani **Got First Prize in paper presentation**
- 2.

**2. Journal Paper Publications:**

**1. International Level**

1. "Evolution of Congestion Control Mechanisms for TCP and Non TCP Protocols" Matrix Academic **International** Online Journal of Engineering and Technology by Dr. Atul Gosai, Bhargavi H Goswami, Uditnarayan Kar September-2013 page No. 13-20. ISSN: 2348 – 3326
2. "Mobile Cloud Computing A Tool for Future" **International** Journal of Computer Science & Engineering Technology (IJCSET) July 2013 - IJCSET(ISSN: 2229-3345) VOLUME 4 ISSUE 7 Page 1084-1090 By Dr. Atul Gosai, Mr. Rushi Raval  
<http://www.ijcset.com/issue.php?file=vol04issue07>
3. "Analysis and Development of Load Balancing Framework for EyeOS" **International** Journal of Distributed and Cloud Computing Volume 1 Issue 1 June 2013 ISSN: 2321-6840 Page9-27. By Dr. Atul Gosai, Mr. Rushi Raval
4. "Analysis and development of a service mash up application for mobile users" **International** journal of Computer Engineering & Technology (IJCET) ISSN Print : 0976 – 6367 ISSN Online: 0976 – 6375 Volume 4, Issue 6 (2013) Page No. 262 –

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268 December-2013 By Dr. Atul Gosai, Mr. Rushi Raval Journal **Impact Factor (2013): 6.1302 (Calculated by GIS)**

5. "A Study of Lab Satisfaction of MCA and MSc. (IT) Students of Department Computer Science of Saurashtra University, Rajkot" 2013 **IEEE International Conference** on MOOC, Innovation and Technology in Education (MITE) 20-22 December, 2013 Poornima Institute of Engineering and Technology, Jaipur, Rajasthan By Dr. Atul M Gonsai, Dr. Anil Ambasana, Bhargavi H Goswami, Manasi A. Antani, Vidhvi J. Rughani, Print ISBN: 978-1-4799-1625-2, Page126-129 **Published in IEEE Explore.**
6. "Design of Congestion Control Protocol for Wireless Networks With Small Flow Completion Time" **International Journal of Computer Applications National Conference** on "Emerging Trends in Information & Communication Technology (NCETICT-2013)" ISBN: 973-93-80880-97-5 Publication date 22 March 2014 **Impact Factor 0.821** Digital Library URI:  
<http://www.ijcaonline.org/proceedings/ncetict/number1/15663-1324>
7. "Newly developed Algorithm RCP+ for Congestion Control on large scale Wireless Networks" **International Journal of Innovations & Advancement in Computer Science-IJIACS** ISSN 2347 – 8616 Volume 3, Issue 2 April 2014 **Impact Factor 0.792** Page42-50  
<http://www.academicscience.co.in/admin/resources/project/paper/f201404101397138864.pdf>
8. "Evaluation of Common Encryption Algorithm and Scope of Advanced Algorithm for Simulated Wireless Network" **IJCTT (International Journal of Computer Trends and Technology)** Dr. Atul M. Gonsai<sup>1</sup>, Lakshadeep M. Raval<sup>2</sup> **(under Review)**

## **2. National level**

### **2005**

1. "Managers Mobility- wireless WI-FI Networks" **Management Trends a Journal of Department of Business management.** Vol. 2 No. 1 October 2004-March 2005. Pg.29-31, By Dr. Atul Gosai
2. "IEEE 802.11b Wireless Class Room Network Performance Evaluation" **Journal of Computer science. (JCS), Karpagam Educational Institute, Coimbatore-641021** Vol.1 No.1 August 2005. Pg.17-22, ISSN 0973-2926 By Dr. Atul Gosai, Dr. N N Jani

### **2006**

3. "Experimental Measurements of Bandwidth under IEEE 802.11b Wireless Local Area Networks" **Sanshodhan a Multi-Disciplinary, Multi lingual Quarterly Research Journal** November- 2006, By Dr. Atul M Gonsai
4. "IEEE 802.11b Wireless Class Room Network Performance and Methodology" **Sanshodhan a Multi-Disciplinary, Multi lingual Quarterly Research Journal** November- 2006, By Dr. Atul M Gonsai

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**2007**

5. "Security Performance & Network Measurements of an IEEE 802.11 Wireless LAN", The Journal of Banking, Information Technology and management Vol. 4 January-June-2007 by Dr. Atul M Gonsai, B S Gill, M S Gill pp 95-101-ISSN-0972902X

**2009**

6. "Uplink Performance of TCP/UDP Protocol on IEEE 802.11/g Wireless Network" Journal of Computer science. (JCS), Karpagam Educational Institute, Coimbatore-641021 volume 3, issue 3 March-April 2009 , ISSN 0973-2926, Page no 1012-1022 By Dr. Atul Gosai
7. "Performance Evaluation of Audio Video Data Transfer in 802.11b WLAN Environment" National Journal of Computer Science and Technology, Vol.1 Issue-2 July-December-2009, ISSN-0975-2463, By Dr. Atul Gosai & Dr. Nilesh Modi

**2010**

8. "Response Time Comparison of TCP & UDP Protocol on Wireless Outdoor Network" Journal I<sup>4</sup> Institute Industry Integration with Innovative Strategies ISSN no 0975-2757 Vol. IV March 2010 By Dr. Atul Gosai page1-8
9. "Throughput Comparison of TCP Protocol on Outdoor Experimental Wireless Network" Journal of Science - a Government of Gujarat research Journal Vol.1/Issue-1/2010 By Dr. Atul Gosai page211-126

**2012**

10. "Network Simulator for Efficient Performance Parameter Testing & Evaluation" National Journal of System and Information Technology, June 2012 ISSN: 0974-3308 By Dr. Atul Gosai & Bhargavi Goswami Pg. No.89-105 **SJIF 2012 = 3.894 (Scientific Journal Impact Factor Value for 2012)**

**2013**

11. "Experimental Performance Testing of TCP and UDP Protocol over WLAN 802.11b and 802.11g" Journal of Computer science. (JCS), Karpagam Educational Institute, Coimbatore-641021 ISSN 0973-2926, March-April 2013 Vol. 7 Issue 3 , Page168-183 by Dr. Atul Gosai, Bhargavi H Goswami
12. "CLOUD COMPUTING: A NEW PARADIGM FOR E-LIBRARY" Journal Of Information, Knowledge And Research In Computer Science And Applications ISSN: 0975 – 6728| NOV 12 TO OCT 13 | VOLUME – 02, ISSUE – 02 Page 124-127 By Dr. Atul Gosai, Mr. Rushi Raval
13. "Experimental based performance Analysis of IEEE 802.11/g Hybrid Network" Journal of Network and Information Security ISSN 2321-6859 Volume 1 Issue 1 June 2013 Atul M. Gosai, Uditnarayan Kar, Bhargavi H. Goswami Page No.60-66 <http://submission.publishingindia.com/index.php/JNIS/index>
14. "Wireless Sensor Network Frame Work for Continues Monitoring of Blood Pressure" Dr. Atul M. Gonsai, Dr. Neeraj Bhargava, Dr. Chetan R. Dudhagara (**under Review**)
15. "Cloud Computing: A Prospective Paradigm for E-Learning" SPKM- A Multidisciplinary Journal ISSN: 2347 – 5994 Page 180-184 Dr. Atul M. Gonsai, Rushi R. Raval 2013-2014

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**3. Books Published:**

- 
1. "Programming and Data Structure using C". Published by Saurashtra University, year 2003-2004  
Author: Dr. Atul .M. Gonsai, Dr. N N. Jani
  2. "MAKING LIBRAIRAN MOBILE-WIRELESS WI-FI NETWORKS" in "Developing Cyber Libraries" Edited by T.Ashok Babu & L S Ramaiah, Published by Allied Publishers, New Delhi on 28-1-2006 in world Book Delhi, Allied Book Stall & International Caliber 2006 Gulberga University, Gulberga.  
Contributed Author: Dr. Atul M. Gonsai ISBN-81-7764-973-6, Page 35-41
  3. "UNIX concepts & Bourne Shell Programming" Published by Saurashtra University, year 2005-2006  
Author: Dr. Atul .M. Gonsai
  4. "Wireless Local Area Network has no cloths" in "Application of IT and Management in Economic Growth" Edited by Balram Dogra, Kulwant kaur & Rajesh Verma, Published by Deep & Deep Publications Ptv. Ltd.  
Contributed Author: Dr. Atul M Gonsai
  5. "Mobile Programming Using J2ME" Published by Bharat Publications Year 2008-2009  
Author: Dr. A. M. Gonsai, Mr. Chirag Rachchh
  6. "UNIX-LINUX Concept Shell Scripts and Administration" Published by Saurashtra University Year 2009-2010  
Author: Dr. A. M. Gonsai
  7. "Operating Systems and Network Management" Published by Saurashtra University Year 2011-2012  
Author: Dr. A. M. Gonsai
  - 8.
4. **Books to be Published:**
1. Networking & Internetworking  
Dr. Atul .M. Gonsai
  2. System Analysis & Design – A Practical Approach  
Dr. Atul .M. Gonsai
5. **Articles:**
1. "Java-2 & Internet" Published by: I.T. Times Magazine issues No.-6 and Volume-1 at Rajkot

## 21 Projects & Research Experience

1. "CAREER AWARD FOR YOUNG TEACHERS", by ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE) New Delhi for the Period of 10/01/2007 to 10/01/2010  
"Experimental Performance Evaluation and Analysis of IEEE 802.11b/g Wireless Local Area Networks"  
**Project Amount: Rs.10.50 Lakhs**

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2. **UGC Major Research Project 2012-13 ( on Going)**  
 “Rate Control Protocol (RCP) Performance, Testing and Tuning on Wireless Networks.” - UGC Major Research Project for the period of 2012-2015.  
**Project Amount: Rs. 11, 10,300**
  
  3. **UK India staff Exchange program-2012-13** sponsored by UK India Education Research Initiative (UKIERI) and British Council. Visited University of Lincoln United Kingdom (UK) with total finance support of **Rs.2,64,300/**
  
  4. **UGC Minor Research Project**  
 “Performance Evaluation of wireless network with GPS Based RADAR”  
 Under UGC - Minor Research Project for the period of 1/4/2008 to 31/3/2010.  
**Project Amount: Rs. 67000**
  
  5. **Seed Project**  
 “GPS Based wireless network RADAR”  
 Under Internal Quality Assurance Cell (IQAC) Saurashtra University for the period of March 2006 to-March-2008  
**Project Amount: Rs. 40000**
  
  6. **Ph.D. work**  
 “Performance tuning of computer networks-strategies and implementation study and analysis” from 1<sup>st</sup> August 2000 to 1<sup>st</sup> May 2005
  
  7. **Post Graduate Project**  
 Completed final Semester **MCA** project in **RELIANCE PETROLEUM LTD.** Motikhavdi, Jamnagar.  
 PROJECT TITLE : VIP GUEST HOUSE MANAGEMETN SYSTEM  
 DESCRIPTION : This system allocates the available rooms and also makes reservation in advance for the customers. It also supports Restaurant bills to attach with the allocated rooms. Finally generates the bill for the customers.  
 RONT-END: VISUAL BASIC-6.0, BACK-END: ORACLE-8.0.3
  
  8. **Under Graduate project**  
 Completed **final Year B.B.A.** project in **INDIAN OIL CORPORATION** Marketing Division Rajkot, with subject of Marketing.

## 22 Reviewer / Member of Editorial board

1. Wireless Networks Journal –Springer Journal
  2. National Journal of systems and Information technology, NJSIT (ISSN: 0974-3308), <http://www.srimca.edu.in/njsit/>
  3. Member of Editorial board – International Journal of Emerging Technology and applications in Engineering, and Technology and science – (IJ-ETA-ETS). ISBN-0974-3588
  4. Member of Editorial board – International Journal of Computer Applications in Engineering, Technology and Sciences – (IJ-CA-ETS). ISBN-0974-3596
  5. International Arab Journal of e-Technology (IAJeT) - ISSN: 1997-6364. <http://www.iajet.org/>
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6. International Editorial Board Shelter International Journal (SIJ) of Engineering Science, <http://www.shelter-mag.com/SIJ/research/home.html> ,
  7. IAENG International Journal of Computer Science, [http://www.iaeng.org/IJCS/current\\_issue.html](http://www.iaeng.org/IJCS/current_issue.html) ISSN: 1819-9224 (online version); 1819-656X (print version)
  8. "International Journal of Advanced Networking and Applications (IJANA)", [http://www.ijana.in/index\\_files/Page406.htm](http://www.ijana.in/index_files/Page406.htm) ISSN-0975-0282 (online) 0975-0290 (print)
  9. IJCSIS (International Journal of Computer Science and Information System) <http://sites.google.com/site/ijcsis/>
  10. Advances in Applied Research (formerly named Indian Journal of Applied Research)"
  11. Editorial Board Member, IAENG International Association of Engineers

## 23 Committee Member in Conferences

1. Technical Program Committee Member and Reviewer Science and Information (SAI) Conference 2013 October 7-9, 2013 | London, UK  
<http://thesai.org/SAIConference2013/Index>
2. 2nd International Conference on Information Management and Evaluation (ICIME) Ted Rogers School of Management, Ryerson University, Toronto, Canada 27-28 April 2011 <http://academic-conferences.org/icime/icime2011/icime11-home.htm>
3. Third International Conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2011, will be held in Bangalore India from Sep 14-15, 2011  
<http://artcom.engineersnetwork.org/2011/committee.htm>
4. UGC Sponsored National Conference on Emerging Trends in Computing and information technology 2011, 5<sup>th</sup> march 2011 organized by Guru gobind Singh Khalsa College Sarhai Punjab [www.ggscollegesarhali.org](http://www.ggscollegesarhali.org)
5. 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011) will be held in Chengdu, China during June 10 - 12, 2011.  
<http://www.iccsit.org/>
6. Third International Conference on Advances in Recent Technologies in Communication and Computing, ARTCom 2011, will be held in Bangalore India from Sep 14-15, 2011. ARTCom 2011. <http://artcom.engineersnetwork.org/2011/committee.htm>

## 24 PhD. / M Phil / Project Guidance/ Supervisions

### • Project Guidance/ Supervisions

1. "Laboratory Management System" using VB6.0 and ORACLE8i for IGNOU MCA final project completed by Manoj R. Mer during 25-June 2003 to 25-December 2003
2. "Municipality Information System with Employee payroll and loan Information system" For IGNOU MCA final project by Joshi Kirit J. during 28 March 2003 to 26 April 2004.
3. "PCB – MIS" for IGNOU MCA final project by Bhalodia Sejkulkumar J. during 20-8-2004 to 30-3-2005.
4. "A Project Report On private key-cryptography des [data encryption standard] IETE-CS by Kakkad Naimish H during 8<sup>th</sup> Sem Project December -2011 to June -2012
5. A Project Report On EXCLUSIVE AUXIN(Online Auction) by WADIA IRFAN A. during 8<sup>th</sup> Sem Project December -2011 to June -2012

### • M Phil Guidance/ Supervisions

1. "Knowledge based management system-Medicines (Artificial Intelligence)" by Nehal Dave , M Phil dissertation Madurai Kamraj Univesity. Enrolment No.A7A6682505 Thesis submit date 04/05/2012

- **Ph.D. Guidance/ Supervisions**

Sr.	Name	Title	Regist ration no	Date	University
1	Bhargavi H Goswami	Design and analysis of optimum wireless transmission strategy on Rate Control Protocol	9432	17-12-2010	NIMS University
2	Bajeja Sunil L	Performance Improvement using Network coding on multi-hope wireless network	4623	1-1-2012	Saurashtra University
3	Vaghela Ravirah S	4 <sup>th</sup> Generation wireless network and GPS signal measurement (problem and solutions and new Applications)	4811	1-1-2012	Saurashtra University
4	Raval Rushi Kumar R	Performance Analysis and Design for mobile cloud computing on various platforms	4621	1-1-2012	Saurashtra University
5	Parmar Hiren H	Study Analysis and enhancement of network security at transport layer	4601	1-1-2012	Saurashtra University
6	Rana Mayursingh B	Integrated intelligent traffic light control system using GPS & wireless sensor network	5240	1-1-2013	Saurashtra University
7	Lakshadeep Raval				

## 25 Attendance In Seminar, Conference And Workshops

### A. Conference

#### 1. International level

##### 2003

1. International CALIBER 2003: Organized by Information and Library Network Center (INFLIBNET). An Autonomous Inter-University Center of University Grants Commission (UGC). At NIRMA Education and Research Foundation, Ahmedabad on 13<sup>th</sup> February 2003.
2. 11<sup>th</sup> CONVERGENCE INDIA 2003 "New Generation Convergent Communications" International conference and exhibition 11-13 March 2003 at Pragati Maidan New Delhi India. Organized by Exhibition India Pvt. Ltd. Co-organizer Government of India Ministry of Communications & IT, Department of Information Technology. With Partner Country France and Country Pavilions China, Israel, UK, USA.

##### 2004

3. International Conference On Forth Wave Education Organized by Department of Education Saurashtra University Rajkot (10-12 Jan 2004)
4. International CALIBER-2004: International INFLIBNET Conference February 11-13, 2004 Organized By Jamia Millia Islamia, New Delhi

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5. International Conference On Digital Libraries ICDL-2004 24 -27 February 2004 organized by TERI New Delhi.

#### **2005**

6. International CALIBER-2005: International INFLIBNET Conference February 2-4, 2005 Organized By Cochin University of Science and Technology Cochi, Kerala.
7. International conference on Information Management (ICIM-2005), Organized by IASLIC on Golden Jubilee Year at Mumbai during 21-25 February 2005.

#### **2006**

8. 4th International Convention CALIBER-2006 On Dynamic Interoperable Web based Information Systems Feb 2 - 4, 2006 Jointly Organized by INFLIBNET Centre and Gulbarga University

#### **2007**

9. Computer Science & IT Education Conference (CSITEd 2007) November 16-18, 2007 The Republic of Mauritius (Indian Ocean) Hosted by the University of Technology Mauritius

#### **2009**

10. International Conference on Communication Systems and Applications (ICCSA'09) Hong Kong, 18-20 March, 2009 organized by the International Association of Engineers (IAENG).

#### **2010**

11. International Journal of Arts & Sciences Conferences ORLANDO, USA March 1-4, 2010.
12. Indo Global Education summit 2010 at Hyderabad held on 3-5 December 2010

#### **2013**

13. International Conference for Academic Institutions -2013 on 9-10 January 2013 as a part of Vibrant Gujarat-2013 organized by Government of Gujarat at Gandhinagar.
14. 2<sup>nd</sup> International Conference on "SUPERCOMPUTER TECHNOLOGIES IN MATHEMATICAL MODELLING" (SCTEMM-2013) in Yakutsk, Russia on July 8-11, 2013 organized by M.K. Ammosov North-Eastern Federal University, Yakutsk Russia.
- 15.

## **2. National Level**

#### **2001**

1. National level conference on "statistics & computer science and application" on 24-26/11/2001, Organized by Saurashtra University, Department of Computer Science, Rajkot.

#### **2003**

2. National Conference on "Contemporary Issues in Management" on September 27<sup>th</sup>, 2003. Organized by Smt. R. D. Gardi Department of Business Management, saurashtra university, Rajkot

#### **2005**

3. 92<sup>nd</sup> Indian Science Congress at Nirma University Ahmedabad on 3-7 January 2005
4. National Conference on "Emerging Technologies & Applications" ETA - 2005 on 1-2 October 2005. Organized by Computer Science Department of Saurashtra University, Rajkot jointly with Amoghsiddhi Education Society, Sangly.

#### **2006**

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5. P L A N N E R - 2 0 0 6 (Promotion of Library Automation and Networking in North Eastern Region) 9- 10 November 2006 organized by Organized By INFLIBNET Centre (An IUC of UGC) Ahmedabad & Mizoram University Aizawl

**2007**

6. ENVISION-2007 Enlightening the Visibility to discover the knowledge AICTE Sponsored National Conference on Advanced Data Computing, Communications and Security & October 2007 at Kadi Gujarat (Also worked as a Session Chair and a Member of Paper Review Committee).

**2008**

7. P L A N N E R - 2 0 0 8 (Promotion of Library Automation and Networking in North Eastern Region) 6- 7 November 2008 organized by Organized By INFLIBNET Centre (An IUC of UGC) Ahmedabad & Nagaland University Dimapur

**2010**

8. 3<sup>rd</sup> Science Conclave 2010- A Congregation of Nobel Laureates at IIT Allahabad, during 08-1/ December 2010.
- 9.

**B. Seminar**

**1. National Level**

**2002**

1. National level seminar & Project/design/research competition 2002 24-26/3/2002 organized by Department of Computer Science, Saurashtra University Rajkot and Amoghsiddhi education society, Sangli.

**2003**

2. ETA-2003 (Emerging Technology & Applications) National Level seminar 11, 12, 13-July-2003 organized by Department of Computer Science, Saurashtra University Rajkot.

**2005**

3. National Level Seminar on “Achieving and Maintaining Quality in Higher Education in India: Issues and Approaches” organized by Internal Quality Assurance Cell, Saurashtra University. During 18-20 March 2005. Sponsored by National Assessment & Accreditation Council (NAAC).

**2006**

4. “Network-based E-learning through E-Publications” National Seminar on E-Publications March 23-24, 2006, GNIRSA, Hyderabad Organized By MGNIRSA, Hyderabad.

**2013**

5. College & University Teachers Conference on “Divine Knowledge for Golden Age” organized and hosted by Rajyoga Education & Research Foundation (Education wing) and Brahma Kumaris, World HQs. Mount Abu from May 31<sup>st</sup> to June 4<sup>th</sup>, 2013 at Gyan Sarovar, Academy for a better world, Mount Abu, Rajasthan.
6. 56<sup>th</sup> Annual Technical Convention & National Conference on Growth of Technologies in Electronics, Computers and Telecom – Indian Perception (GTCT-20132) At IETE Mumbai Centre, Mumbai on September 29-29 2013.
7. IETE Zonal Seminar on Green Technologies on 13-14 October 2013 at Rajkot IETE Centre.

**2. State/regional level**

**2003**

1. Emerging Trends in Multilingual Computing Technology Organized By C-DAC (Center For Development Of Advanced Computing) on 22<sup>nd</sup> September 2003 at Rajkot K.R. Telephone Exchange.
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**2004**

2. XVIII Gujarat Science Congress GSC-2004 13 March 2004 At Saurashtra University department of physics Rajkot.
3. Emerging trends in Advanced Communication Technology organized by The Institute of Electronics and Telecommunication Engineers Rajkot sub-centre and AVPT College Rajkot on "Communication Day 17<sup>th</sup> May 2004.
4. "Library Connect" seminar organized by Elsevier publication and Science Direct.com on 10<sup>th</sup> August 2004 at Ahmedabad.

**2007**

5. "Emerging Technologies in Embedded Systems" organized by IETE Rajkot Centre on 25<sup>th</sup> March 2007 at AVPTI College.

**2008**

6. "Computer Applications in Social Science using software tools- Excel MATLAB SPSS" jointly organized by Department of Computer science and Department of Economics on 26<sup>th</sup> march 2008.

**2009**

7. "Open Solaris" seminar on 19<sup>th</sup> September 2009 organized by OSUM (Open Source University Meet up) by Sun Microsystems at Rajkot.

**C. Workshop****1. State/regional level****2002**

1. Workshop on Space and Geoinformatics Applications organized by Indian society of geometrics'-Ahmedabad Chapter in association with V V P Engineering college Rajkot on 19<sup>th</sup> October 2002 at Rajkot.

**2003**

2. "Workshop on effective implementation of revised syllabus-curriculum and re-engineering the educational process for master degree programme" Organized by Department of Computer Science Saurashtra University Rajkot. On 23<sup>rd</sup> November 2003.

**2005**

3. FDP Workshop on DSP Application organized by EPSILON Embedded Computing Private Limited, Bangalore and Department of Computer Science, Saurashtra University, Rajkot on 3<sup>rd</sup> October 2005.

**2006**

4. Workshop on "Exploring & Using MATLAB" by Department of Computer Science & IQAC, Saurashtra University on 29<sup>th</sup> March 2006.
5. National Workshop on "Data Warehouse & Data Mining" Organized by Department of Computer Science Saurashtra University Rajkot and Indian Society of Statistics, Computer & Applications, New Delhi on April 23, 2006.
6. One day workshop on Latest Technique of PECVD, ICP-RIE and Ellipsometer used for manufacturing MEMS organized by Department of Computer Science, Saurashtra University on May 4, 2006

**2007**

7. FDP Workshop on "Network management using IBM Tivoli" organized by IBM India and Department of Computer Science Saurashtra University on 30-31 March 2007.

- 
8. Workshop on “Assuring Qualitative Higher Education through IQAC” Organized by Gujarat State Assurance Cell in Collaboration with Dr. Babasaheb Ambedkar Open University, Ahmedabad and IQAC Saurashtra University, Rajkot on 10<sup>th</sup> September 2007.
  9. “Embedded systems using 8051/ARM workshop” organized by Dept. of Computer Science, Saurashtra university, Rajkot and SPJ systems, Pune on 24-26 August 2007.

**2009**

10. Workshop on “Advanced Developer Technologies” organized by Microsoft Corporation and Gujarat Informatics Limited on 17<sup>th</sup> April 2009.

**2012**

11. Workshop on “ICT in Universities” organized by IQAC Saurashtra University & Academic Staff College ASC, Rajkot on 21<sup>st</sup> January 2012

**2013**

12. Workshop on “Assessment & Accreditation by NAAC” organized by IQAC Saurashtra University & Academic Staff College ASC, Rajkot on 21<sup>st</sup> January 2013
13. Workshop on “NAAC Assessment & Accreditation” organized by IQAC Saurashtra University & SUTA, Rajkot on 30<sup>th</sup> August 2013

**26 Contribution in Curriculum Development**

1. Worked as a member in development of subjects’ syllabus of MCA program of Saurashtra University.
2. Worked as a member in development of subjects’ syllabus of MSc. (IT &CA) program of Saurashtra University
3. Worked as a member in development of subjects’ syllabus of BCA program of Saurashtra University
4. Worked as a member in development of subjects’ syllabus of BSc(IT &CA) program of Saurashtra University
5. Worked as a member in development of subjects’ syllabus of PGDCA program of Somnath Sanskrit University

**27 Other Work:**

**A. Computer Application Work**

1. Maintaining Computerized Network of Department of Computer Science, Saurashtra University – Rajkot.
2. Established & Maintaining Saurashtra University LIBRARY network & inter network.
3. Provided programming and operational support in many research projects.
4. Guided the students of MCA - III for the project work of “Reading tape for generating computerized billing”. Department Of Tele Communication – Rajkot.
5. Guided the students of MCA (IGNOU) for their project work.
6. Guided the students of MCA for their final semester project work.

**B. Other Teaching Work**

1. Delivered invited lecture on “Internet and its uses in Research work” for Phd. Course of Department of Gujarat Students on 01-11-2001.
2. Working as a counselor in MCA, BCA programme run by IGNOU.
3. Working as a counselor in Dr. Babasaheb Ambedkar Open University, Ahmedabad.
4. Involved in examination work (paper setting, project viva, etc.) in many examinations at various universities.

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5. Worked as an external examiner and paper setter for the following Universities: Saurashtra University Rajkot, South Gujarat University Surat, Bhavnagar University Bhavanagar, North Gujarat University Patan.
  6. Worked as a Session Chair and a Member of Paper Review Committee ENVISION-2007 Enlightening the Visibility to discover the knowledge AICTE Sponsored National Conference on Advanced Data Computing, Communications and Security & October 2007 at Kadi Gujarat.

**C. Administrative Work**

1. Worked as a member of admission committee for MCA at Department of Computer Science for the year 2013-2014. on 16-08-2013
2. Worked as a Committee member of Vibrant Gujarat-2013 for Saurashtra University for signing of various MoUs and Other activities during 7-13 January 2013
3. Worked as a member of admission committee for MCA at Department of Computer Science for the year 2012-2013. on 27-08-2012.
4. Worked as a member of admission committee for MCA at Department of Computer Science for the year 2011-2012.
5. Assisting for curriculum activities like timing table preparation, guest lecture programmes, etc. for students of MCA.
6. Worked as Admission committee member for M.Sc. (IT & CA) program during 2005.

**28 Expert Services**

1. Member of IQAC nominated by Vice Chancellor of Saurashtra University, Rajkot. 22-04-2014
2. Member of computer science PG Board nominated by Vice Chancellor of Saurashtra University, Rajkot. Dated 2-4-2014.
3. Member of computer science Board nominated by Vice Chancellor of SARGUJA University, Ambikapur, Sarguja (Chhattisgarh)
4. Worked as a panel Judge in SYNERGY-2014 (MCA Symposium) on 18<sup>th</sup> January (Saturday), 2014 Faculty of Computer Application, Marwadi Education Foundation's Group of Institutions, Rajkot Gujarat, India.
5. Worked as subject Expert for selection committee of PGDCA Program Coordinator at Somnath Sanskrit University Veralal on 30/12/2013
6. Worked as subject Expert for selection committee of Assistant and Associate Professor for the staff endorsement of MCA Faculty at Sunshine Group of Institution MCA Program Rajkot on 06/01/2014
7. Worked as a panel Judge in National Conference on "Emerging Trends in Information & Communication Technology (NCETICT-2013)" on 28th September (Saturday), 2013 Faculty of Computer Application, Marwadi Education Foundation's Group of Institutions, Rajkot Gujarat, India.
8. Member of computer science and IT PG adhoc board nominated by Vice Chancellor of Bhavnagar University
9. Working as member of Advisory Board of IIIC Cell of Saurashtra University under the umbrella of IQAC.
10. Working as member of Advisory Board of Placement Cell of Saurashtra University under the umbrella of IQAC.
11. Worked as a Superintendent for UGC Junior Research Fellowship and National Eligibility Test for Lectureship held on June 30, 2013 at Rajkot Centre.

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12. Worked as subject Expert for selection committee of PGDCA Program Coordinator at Somnath Sanskrit university Veraval on 23/07/2013
  13. Worked as a Judge for paper presentation in IT Rage-2013, state Level Technical Competition at G K CK Bosamia College Department of Computer Science, Jetpur on 23<sup>rd</sup> February 2013
  14. Worked as a Judge for paper presentation in Information Technology seminar-2013, state Level Technical Competition at Om college of Computer Science, Rajkot on 9<sup>th</sup> February 2013
  15. Worked as a Superintendent for UGC Junior Research Fellowship and National Eligibility Test for Lectureship held on December 30, 2012 at Rajkot Centre.
  16. Worked as subject Expert for selection committee of Director and assistant professor at Murlidhar Group of Institutes for MCA Program on 12/12/2012
  17. Worked as a Presiding Officer at 72-Jasdan Assembly seat in Assembly Election-2012 held on 13-12-2012
  18. Worked as a Judge for paper presentation and C language Quiz in Infinity-2012, state Level Technical Competition at Vidhyasagar infotech college, Jamnagar on 15<sup>th</sup> September 2012
  19. Worked as subject Expert for selection committee at Kachchh University for MCA, MSc.(IT) Program on 09/08/2012
  20. Worked as subject Expert for selection committee at T N Rao College of for MCA Program on 14/07/2012
  21. Worked as subject Expert for selection committee at Sunshine Group of Institutes for MCA Program on 07/07/2012
  22. Worked as a Superintendent for UGC Junior Research Fellowship and National Eligibility Test for Lectureship held on June 24, 2012 at Rajkot Centre.
  23. Worked as a Judge for paper presentation in Immaculate-2012, National Level Technical Symposium at B H Gardi College of Engineering & Technology, Rajkot on 9-10 February 2012.
  24. Worked as a Judge for paper presentation and programming competition in Tech Areana-2012 at Christ College Rajkot on 29<sup>th</sup> January 2012.
  25. Worked as chair-Person in National Seminar on 24<sup>th</sup> December 2010 organized by Dr. V R Godhaniya IT College Porbandar.
  26. Worked as a committee member for short-listing of candidates for the post of Scientific and Technical Assistant and Scientist-B(Computer science)
  27. Member of computer science panel of Experts of Bhavnagar University
  28. Member of computer science panel of Experts of Somnath Sanskrit University
  29. Member of computer science PG MSc (IT) board nominated by Vice Chancellor of Bhavnagar University.
  30. Member of computer science PG adhoc board nominated by Vice Chancellor of Saurashtra University.
  31. Worked as judge in a panel for Debate Competition for Indian Pharmaceutical Association (IPA) on 28<sup>th</sup> November 2008.
  32. Worked as member of organizing committee for the National conference on "Emerging Technology and Applications" ETA-2006 organized by Department of computer science and AES Sangali.
  33. Worked as a Judge in National level seminar & Project/design/research competition 2002 24-26/3/2002 organized by department of computer science and Amoghsiddhi education society, Sangli.
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34. Worked as a Presiding Officer at 26-Jamnagar (Gramya) Assembly seat Booth No.140 in Assembly Election-2002 held on 12-12-2002
  35. Taken part in Department of Computer science Sports Club. Cricket Tournament-2003,in February 2003.
  36. Worked as a Presiding Officer at 14-Rajkot Parliament seat 14- Tankara Assembly area Booth No.35 MOTI VAVDI VILLAGE in Parliament Election-2004 held on 20-4-2004
  37. Lecture on “Students Activity with ABVP” in NSS program for R. R. Patel arts and commerce college, Rajkot on 23/12/2004 at Daliya village.
  38. Worked as a Presiding Officer at 14-Rajkot Parliament seat 14- Tankara Assembly area Booth No.17 NARANKA VILLAGE in assembly Election-2007 held on 11-12-2007
  39. Worked as a Judge in the Annual Recitation Contest of S N Kansagara School on 5<sup>th</sup> February 2008
  40. Worked as a member of organizing committee for one day UGC approved National Symposium on “Global Prospective on Pharma Patents at Saurashtra University on 15<sup>th</sup> march 2008.
  41. Worked as a President of Akhil Bharatiya Vidyarathi Parishad (ABVP) for consecutive 9 (2000-2009) years at Rajkot Maha Nagar Gujarat.

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**Signature**

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Dr. Atul M Gonsai  
Associate Professor