

Curriculum Vitae



Prof. Nirav M. Raja

B. E. [(Information Technology), Saurashtra University, Rajkot]

M. E. [(Computer Engineering), Sardar Patel University, Vallabh Vidyanagar]

PRESENT STATUS:

- Working as Assistant Professor in Department of Information Technology, G H Patel College of Engineering and Technology (GCET), Vallabh Vidyanagar since 14th May, 2007.

WORK EXPERIENCE:

- Worked as a Lecturer in Information Technology and Computer Engineering Department, V. V. P. Engineering College, Rajkot from July 2004 to June 2006.
- Worked as a Software Consultant at I-Flex Solutions, Bangalore from January, 2007 to April, 2007.

TOTAL TEACHING EXPERIENCE:

UG Level : 7 Years
PG Level : 1 Month

ACADEMIC DETAILS:

- M.E. (Computer Engineering) from Institute of Science and Technology for Advance Research and Studies (ISTAR), Sardar Patel University, Vallabh Vidyanagar in February 2010 with CPI 7.25 (Equivalent to 67.25%).
 - B.E. (Information Technology) from Vyavasayi Vidya Pratisthan Engineering College (VVPEC), Saurashtra University, Rajkot (During July-1999 to June-2003), with 62%.
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OTHER ACHIVEMENTS:

Conferences / Paper Presentation:

1. Paper published titled "A Survey of Power Aware Routing Protocols for Ad Hoc Networks" at NCETICT, a National Level Conference on Information Communication Technology under ISTE chapter at C. U. Shah College of Engineering and Technology, Wadhwan on 19th April, 2009.

2. Paper presented titled "Data Mining: Finding hidden values in your Data Warehouse" at Tele-Tech 2005, a National Level Seminar on Applied Computing and Communication Technologies, organized by IETE Rajkot Sub-Centre on 26th June, 2005.
3. Paper presented titled "Wimax: Future of Broadband Wireless Services" at NCICT-2005, National Level Conference on Information and Communication Technology organized by Technology Today Group at Ahmedabad on 27th March, 2005.
4. Paper presented titled "Neural Network in Medicine" at National Level Paper Presentation Competition organized by SVICS, Kadi and AES, Sangli on 8th and 9th January, 2005 at Kadi.
5. Attended a National Level Conference STAC-09 organized by G. H. Patel College of Engineering and Technology, Vallabh Vidyanagar on 15th March, 2009.

Workshop:

1. One day workshop on "Research and Publication" organized by A. D. Patel Institute of Technology, New Vallabh Vidyanagar on 24th April, 2009.
2. Three day workshop on "Advance Network Technology with Linux, Windows and Microtic" organized by IT Department, GCET, Vallabh Vidyanagar during 12th to 14th June, 2007.
3. One day workshop on "Ant Colony Optimization" organized by G H Patel College of Engineering and Technology, Vallabh Vidyanagar on 13th September, 2007.
4. Two day National level workshop on "Challenges in VLSI (NWCV 2005)" organized by DA-IICT, Gandhinagar on 13th and 14th May, 2005.
5. One day workshop on "Digital Signal Processing Technology and Application" organized by Department of Computer Science, Saurashtra University, Rajkot on 3rd October, 2005.

Seminar:

1. One day seminar on "Engineering Optimization – A Tool for Research" organized by ISTE Chapter, GCET, Vallabh Vidyanagar on 9th September, 2008.

2. One day National Level Seminar on “Bioinformatics - Emerging Trends” organized by Shree M N Virani Science College, Rajkot on 1st January, 2006.
3. One day National Level Seminar on “50 Years of DNA Double Helix – Retrospect and Prospects” organized by Shree M N Virani Science College, Rajkot on 17th October, 2004.

Expert Lectures:

1. Delivered lectures on Computer Networking at ISTE approved workshop on Computer Hardware and Networking during 13th – 14th March, 2009 organized at G. H. Patel College of Engineering and Technology, Vallabh Vidyanagar.

Short Term Training Program:

1. Attended one week STTP on “Real Time Linux Operating System, Architectural and programming Issues” during May 25-30, 2009 conducted by Computer Science and Engineering Department, Institute of Technology, Nirma University of Science and Technology, Ahmedabad.

HONORS AND ACHIEVEMENTS:

Organized A International Conference– ICISD 2011

- Worked as a Joint Organizing Secretary of the International Conference on Intelligent Systems and Data Processing (ICISD) – 2011 organized by Department of Information Technology on 24 – 25 January, 2011, under the umbrella of MultiConf 2011, GCET.
- Total 281 research papers were received (Including 22 Papers from the countries like France, United Kingdom, Brazil, China, Turkey, Tunisia, Iran, Morocco, and Nigeria). 135 papers were accepted with the acceptance rate of 48%. International Journal of Computer Applications, NJ, USA and International Journal of Science and Technology, INDIA have published the extended version of 16 research papers. Proceedings of the Conference published online by Universal Publishers Inc. USA (ISBN: 978-16123-3002-0)

Organized a Techfest – I-Maze 2011

- Worked as a Departmental Coordinator of mega technical festival, I-Maze 2011 jointly organized by all the departments of GCET in collaboration with other engineering institutes under Charutar Vidya Mandal (BVM, ADIT and ICCT) on April 7-9, 2011.
- More than 2500 student from the institutes across the states have participated in the event. More than 60 technical events as well as several non technical and management competitions were organized.

Organized A Techfest – ENIGMA '11

- Worked as a Convener of Technical Festival – ENIGMA '11, jointly organized by Department of Information Technology and Department of Computer Engineering during February 6-7, 2010 in collaboration with collaborated with ISTE Student Chapter (GCET) & PRARAMBH Project Club (GCET) on 19 – 20 February, 2011.
- It was technical fiesta comprising of IT-CP branches with 7 technical events including a workshop on PHP language, 3 non-technical events, LAN Gaming and many fun on the spot events. More than 450 participants from all disciplines of various colleges have participated in the event.

Organized A Techfest – ENIGMA '10

- Worked as a Convener of Technical Festival – ENIGMA '10, jointly organized by Department of Information Technology and Department of Computer Engineering during February 6-7, 2010.
- We have 6 technical and 2 non technical events. More than 450 students of various disciplines from all the engineering institutes under CVM have participated in the event. The event was technically supported by ISTE and PRARAMBH - GCET Project Club.

Organized A National Conference – NCAC'09

- Worked as Joint Organizing Secretary of the National conference on Advance Computing (NCAC'09) organized by Department of Information Technology, GCET, during 12-13 Dec, 2009. We have received 171 research papers from 19 different states of the country and accepted 85 papers maintaining the acceptance rate 49.7%.

- 35 papers from the conference proceedings have been accepted for the reputed journals like International Journal of Computational Intelligence Theory and Practice, Sardar Patel University: Journal of Engineering and Technology, International Journal of Artificial Intelligence and Computational Research and ADIT Journal of Engineering. The conference was technically supported by ISTE and CSI. ISBN Number of Conference Proceeding: 978-81-909376-0-3.

Organized A State Level Techfest – INFINITY 009

- Worked as a Faculty Coordinator (IT) of a technical festival named INFINITY 009, held at GCET during Sep 12-13, 2009. More than 1900 students from 13 various institutes of the state participated in that.
- More than 50 technical events including 6 workshops were organized for the disciplines of Computer Engineering, Information Technology, Electronics and Communication, Chemical Engineering, Mechanical Engineering and Electrical Engineering.

Organized A State Level Techfest – IMAZE '08

- Worked as a Faculty Coordinator (IT) of a technical festival named Imaze '08, held at GCET during April 11-13, 2008. More than 1500 students from various institutes of the state participated in that.
- More than 70 technical events including number of workshops were organized for the students of various disciplines.

OTHER RESPONSIBILITIES:

- Worked as a committee member of Education Fair 2010 organized by CVM during A.Y. 2009-10.
- Member of a Credit System Cell of the institute.

ACADEMIC RESPONSIBILITY

- **Guiding Projects of many final year students of B.E. (IT) and B.E. (CP). Some of them are,**
 1. Ragini Rana: Frequent Pattern Mining with ECLAT Algorithm
 2. Mrigendra Singh and Pratik Vora: Wi-Fi Packet Sniffer
 3. Vivek Vora and Saurin Shah: Firewall Implementation using Packet Filtering

- **Conducting Lectures and Practical in various subjects at UG level as mentioned below:**
 1. Computer Networks
 2. Simulation and Modeling
 3. Advance Computer Organization
 4. Database Management Systems
 5. Computer Architecture and Organization
 6. Operating Systems
 7. Computer Graphics
 8. Advance Database Management Systems
 9. Computer Programming and Utilization

- **Conducting Lectures and Practical in various subjects as PG level (M.E. (IT) and M.E. (EC)) as mentioned below:**
 1. Ubiquitous Computing
 2. Internet Technology

PROFFESIONAL SOCIETY MEMBERSHIP

1. Life membership of ISTE: LM53089
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PERSONAL INFORMATION:

Permanent Address : B -12, GCET Staff Quarter,
Near GCET College,
Besides GCET Girls hostel,
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niravraja_1982@yahoo.com

Date of Birth : 30th July, 1982

Nationality : Indian

Language Known : English, Gujarati, Hindi