

Curriculum Vitae

APURVA M. SHAH

(B.E. (Electronics, SPU), M.E. (Microprocessor System & Applications, MSU)

PRESENT STATUS

- Presently working as **Head and Assistant Professor** in Information Technology Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar since 29th July, 2008
- Presently also working as visiting lecturer for M.E (Computer Engineering) at ISTAR, Vallabh Vidyanagar since Jan, 02

WORK EXPERIENCE

- Worked as Assistant Professor in Information Technology Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar (1st June '05 - 28th July '08)
 - Worked as Lecturer in Information Technology Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar (24th July '00 - 31st May '05)
 - Worked as Lecturer in Information Technology Department, Sankalchand Patel College of Engineering, Visnagar (27th Sep '99 - 22nd July '00).
 - Worked as Senior Officer (as a Teacher and Trainer) in Jetking School of Electronics, Vadodara (26th Dec 97 – 29th July 98)
 - Total Teaching Experience : 10 Years and 6 Months
-

ACADAMIC DETAILS

- Ph.D (Continue) under guidance of Dr.Ketan Kotecha, Director-Institute of Technology and Dean- Faculty of Technology, Nirmal University, Ahmedabad (Since July,05)
Research Area: Real-Time Operating System, Ant Colony Optimization Algorithms
N.B.: Thesis has been submitted on 2nd July 09.
 - M.E (Microprocessor System and Application) with distinction from Electrical department, Faculty of Technology, M S University, Vadodara. (June '98 - April,'00)
 - B.E. (Electronics) with First Class from Birla Vishwarma Mahavidyalaya (College of Engineering), S P University, Vallabh Vidyanagar. (Aug ' 93 to Aug '97)
-

INTERNATIONAL JOURNAL PAPERS

- Apurva Shah, Ketan Kotecha and Dipti Shah. Dynamic Scheduling for Real-Time Distributed System using ACO. *To appear in International Journal of Intelligent Computing and Cybernetics (IJICC)*.
 - Apurva Shah and Ketan Kotecha. R_EDF: A Dynamic Scheduling Algorithm for Real-Time Distributed Systems. *International Journal of Hybrid Computing Research (IJHCR)*, Vol. 2 (1), 2009.
 - Apurva Shah, Ketan Kotecha and Dipti Shah. Ant Colony Optimization Based Dynamic Scheduling Algorithms for Real-Time Multiprocessor System. *Communicated to Journal of Applied Soft Computing, Elsevier*.
 - Apurva Shah and Ketan Kotecha. Adaptive Scheduling for Real-Time Distributed Systems. *Communicated to IJICSTUDIES*
-

INTERNATIONAL CONFERENCE PAPERS

- Ketan Kotecha and Apurva Shah. Adaptive Scheduling Algorithm for Real-Time Operating System. *In Proceedings of 2008 IEEE Congress on Evolutionary Computation (CEC 2008)*, HongKong, pp. 2109-2112, June 2008.
 - Ketan Kotecha and Apurva Shah. Efficient Dynamic Scheduling Algorithms for Real-Time Multiprocessor Systems. *In Proceedings of International conference on High-Performance Computing, Networking and Communication Systems (HPCNCS08)*, USA, pp. 21-25, July 2008.
 - Ketan Kotecha and Apurva Shah. Ant Colony Optimization Based Dynamic Scheduling Algorithms for Real-Time Operating System. *In Proceedings of International Conference on Artificial Intelligence and Pattern Recognition (AIPR08)*, USA, pp. 70-74, July 2008.
 - Dr Dipti Shah and Apurva Shah. Fuzzy Based Management System for Color Name Identification. *In Proceedings of International Conference on Artificial Intelligence and Pattern Recognition (AIPR08)*, USA, pp. 110-112, July 2008.
 - Apurva Shah and Ketan Kotecha. Adaptive Scheduling Algorithm for Real-Time Multiprocessor Systems. *In Proceedings of IEEE International Conference on Advance Computing*, INDIA, pp. 35-39, Mar '09.
 - Apurva Shah and Ketan Kotecha. D_O_EDF: An Efficient Dynamic Scheduling Algorithm for Real-Time Distributed Systems. *In Proceedings of International conference on High-Performance Computing, Networking and Communication Systems (HPCNCS09)*, USA, pp. 9-14, July 2009.
-

ACHIEVEMENTS AND RESPECTS:

Member of Editorial Board/Reviewer of Journals

- International Journal of Information, Knowledge and Management, IJIKM (USA)
- ADIT Journal of Engineering (INDIA)
- Sardar Patel University : Journal of Engineering (INDIA)

Member of International Program Committee/Reviewer

- Invited as International Program Committee member of HPCNCS09, AIPR09 and SETP09 going to be held at Orlando, FL, USA during 13-16 July 2009.
- Invited as reviewer for ISICA 2009 (International Symposium on Intelligence Computation and Applications) going to be held at Shanghai, China during Oct 23-25 2009.

Chairing a Session at International Conference

- Invited as a session chair for International Conference on Software Engineering Theory and Practice – SETP 08 at Orlando, FL, USA in July 2008.
- Invited as a session chair for International Conference on Software Engineering Theory and Practice – SETP 09 at Orlando, FL, USA in July 2008.
- Invited as a session chair for International Conference on High Performance Computing Networking and Communication Systems – HPCNCS 09 at Orlando, FL, USA in July 2009.

Award of Exemplary Performance

Got the cash prize and certificate from Charutar Vidya Mandal, Vallabh Vidyanagar as an appreciation for the work as a teacher, researcher and student activity accelerator in March '07.

ACADEMIC RESPONSIBILITIES

- **Guiding Masters degree theses**
 - I) Ankur : Distributed Control System Framework using SOA
 - II) Jignesh: Classification Using ACO
 - III) Rajlaxmi: Scheduling in Distributed OS
 - IV) Vinay: Multiprocessor Scheduling
- **Guided Projects of many final year students of B.E (CP) and B.E(IT). Some of them are**
 - I) Omesh: Linux Scheduler using Simulated Annealing
 - II) Prem: Linux Shell Development
 - III) Parth: On-line Examination System

- **Conducting Lectures and Practical in various subjects at UG level as mentioned below:**
 1. UNIX and Network Programming
 2. Operating Systems
 3. Network Application
 4. Data Structures and Algorithms
 5. Computer Network
 6. Computer Peripherals
 7. Object Oriented Programming
 8. Computer Graphics

- **Conducting Lectures and Practical in various subjects at PG level:**
 - Real-Time Systems
 - UNIX : Design and Algorithms
 - Advanced Computer Graphics
 - Seminar and Dissertations

OTHER RESPONSIBILITIES

- Convener of Student Counseling Cell of the institute
- Convener of the Maintenance Cell (Related to Computers) of the institute
- Member of Quality Assurance Cell of the institute
- Member of Industry Consultancy Cell of the institute

International Conferences Attended

- Attended *2008 IEEE Congress on Evolutionary Computation-CEC 2008 (Under World Congress on Computational Intelligence)* at HongKong and presented a research paper in June 2008.
- Attended International Conference on High Performance Computing Networking and Communication Systems– HPCNCS 08 at Orlando, FL, USA and presented a research paper in July 2008.
- Also attended International Conference on Artificial Intelligence and Pattern Recognition – AIPR 08 at Orlando, FL, USA and presented two research papers in July 2008. Visited university of South Florida and University of Chicago during visit of USA.
- Attended 2009 IEEE International Conference on Advance Computing – IACC09 at Patiala, INDIA and presented a research paper in March 2009.
- Attended International Conference on High Performance Computing Networking and Communication Systems– HPCNCS 09 at Orlando, FL, USA and presented a research paper in July 2009.

Organized/Attended STTP

- Organized a National Level Short Term Training Program (STTP) on AI & Soft Computing during July 05
- Attended a two week STTP on Image Processing at Pune during May 2003
- Attended a one week STTP on Data mining and GA in May 2005

PROFESSIONAL SOCIETY MEMEBERSHIP

- Life membership of ISTE : LM36449
- Life membership of CSI: No: 00072661
- Member of ISRST : International Society for Research in Science and Technology, USA

PERSONAL INFORMATION:

Permanent Address : A-13, Polytechnic Parivar Society,
Bakrol Road, Nr. Rabari Vas,
Vallabh Vidyanagar. Pin 388 120

Telephone No : 091-2692-651906 (R), 091-2692-231651 (Ext. 254) (Office)
091-94281 73727 (Cell)

E-mail address : apurvashah@gcet.ac.in
ams_gcet@yahoo.co.in

Date of Birth : 8th Feb,'76

Nationality : Indian

Languages Known : English, Gujarati, Hindi

Web page : http://gcet.ac.in/Depts/CP/IT/IT_AMS/cv_ams_gcet.pdf
