

Prachi Gharpure – Profile

Name: Dr. Prachi Gharpure

Date of Birth: 2/10/1961

**Education: B.E.(Electronics) - Indore University , 1983
M.E.(Computer Engg) - VJTI, Mumbai University,1989
Ph.D.(Tech) - SNTD Women's University,2005**

**Work Experience: over 30 Years of Teaching and Education Administration
Experience as:**

1. Lecturer in Electrical Engineering Department at Sardar Patel College of Engineering – Andheri (w), Mumbai , from July 1985 till Dec 2003
2. Assistant Professor for Electronics in Electrical Engineering Department at Sardar Patel College of Engineering – Andheri (w), Mumbai, from Jan 2003- Sept 2006
3. Professor and Head of Computer Department at Sardar Patel Institute of Technology – Andheri (w), Mumbai , Oct 2006 – March 2008
4. Principal - Sardar Patel Institute of Technology – Andheri (w), Mumbai, March 2008 – till date.

Other Activities:

1. Chairman Adhoc BOS (Computer) for Mumbai University since June 2012 till 2015
2. Member Syllabus Committee for, Information Technology and Computer
3. Member Staff Selection Committee for Maharashtra State, University Selection Committee
4. Convener of Several Mumbai University Committees related to Affiliation , Approvals and Fact findings.

Major Subjects Taught:

- a. Computer programming
- b. Computer Organization
- c. Object Oriented Analysis and Design
- d. Project Management
- e. Electronic Communication
- f. Digital Electronics
- g. Software Engineering

Ph.D. Students: Currently guiding 03 Ph.D. Students from Mumbai University

Area of Research – E-learning , Software Engineering.

List of Publications:

I. Journal :

1. **IEEE Transactions on Education** (Volume: 48 Issue: 4 Date: Nov.2005)
“A methodical assessment of integrative model-based E-course development”
Mudur, S.P.; Gharpure, P.; Rajan, P.
Page(s): 605- 611
Digital Object Identifier 10.1109/TE.2005.850714

II. Proceedings of Refereed International Conference:

1. “On Knowledge Representation for Individualised Learning”, Proc. Of the WEBNET 2000, International Conference organised by Association for Advancement of Computing in Education (AACE), held at San Antonio, USA, AACE, October 2000, pp876-877.

Co-Authors - S. P. Mudur

2. “Experiments in Model Driven Web Courseware Development for Individualized Learning” Proceedings of International Conference on Computer Communication (ICCC’ 2002) held in Mumbai, India, Aug 2002, pp290-304.

Co-Authors - Mayank Shah, Parvati Rajan and S.P. Mudur

3. “A Model Driven Process for Web Based Instructional Content Development”, Proc. of E-Learn 2002, World Conference on E-Learning organised by Association for Advancement of Computing in Education (AACE), held at Montreal, Canada, October 2002, pp706-713.

Co-Authors - S. P. Mudur and Parvati Rajan

4. “Effectiveness of Integrative model for development of web-based courseware”, proceedings of the International Conference Vidyakash-2002, Mumbai, Nov. 2002, pp 35-43.

Co-Authors – Vasudha Kamat, S. P. Mudur and Parvati Rajan

5. “Automation Support for Systematic Development of Online Instruction Material”, ED-MEDIA 2005--World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montreal, Canada, June27-July2 2005

Co-Authors – Sudhir Mudur , Rohit Patil Abhishek Mohite , Prakash Gala , Shirish Surti

6. “ Modeling and Simulation of Functional Extension to Network Switches in Network Simulator (ns-2)”, IEEE- R10 colloquium at Sardar Patel Inst.of Tech. Feb 2007

Co-Authors – Dayanand D. Ambawade.

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7. "Torrentzshare search and Recommendation" presented in "ICCICT 12" held at S.P.I.T. In October 2012 and available on IEEE Explorer.

Co-Authors – Damini Kapse , Ritesh Mittal, Jivtode Manali

8. "Spam Detection Techniques in Social Networking: Issues and Challenges" published at International conference & workshop on Emerging trends in technology 2013 ; Feb. 22nd& 23rd 2013

Co-Authors – Amruta Mathur

9. " Information Retrieval System : for skill set improvement in software projects" at CSCITA-14 , International conference at SFIT Mumbai; March 2014

Co-Authors – Rupali Chansarkar , Radha Shankarmani

10. Authoring Tool based on Learning Object Standards at 2015 International Conference on Communication, Information & Computing Technology (ICCICT 2015) S.P.I.T. Mumbai, India 15-17 January 2015

Co-Authors - Prashant Kharat, Guna Shekhar

11. Diabetic Retinopathy Detection using Deep Convolutional Neural Network IEEE International conference on Computing , Analytics and Security Trends,CAST 2016 , COEP , Pune , India 19-21 December 2016

Co-Authors - Darshit Doshi, Deep Sidhpura, Aniket Shenoy

II. National Conference / Convention

1. "Impact of ICT Paradigm: A Multidimensional Approach", Shubha Pandit and Prachi Gharpure, 33rd ISTE National Convention, Coimbatore, India, 27-30 Dec'03 pp 265-269

III. International Symposium (No Proceedings)

1. " Experiences in Developing Individualised Courseware Using an Integrative Model "presented at "FITIC - 2003", International Symposium on ICT in Engineering Teaching held in Montreal, May 8-9, 2003.

Co-author: S. P. Mudur

IV. National Symposium(No Proceedings)

1. "A Framework for Authoring Multimedia Content for Individualised Learning", National Conference on Multimedia based Education, organised by Jadhavpur University and sponsored by Ministry of Information Technology, held at Calcutta in Nov. 2000.

Co-author: S. P. Mudur

2. "Use of Interactive Multimedia in Capacity Building", Invited Seminar on Management of ICT, organised by National Institute of Educational Planning and Administration ,New Delhi, October 2002.

Co-Author: Dr. Vasudha Kamat

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