

Name of Teaching Staff : **Dr. Abhijit R. Joshi**

Designation : Vice-Principal (Academic), Professor & HOD

Department : Information Technology

Date of Joining the Institution : 13.4.2004

Qualifications with Class / Grade :

1. Ph.D. from M.P.S.T.M.E., NMIMS (Deemed to be) University, September 2012.
2. M.E. (Electronics Specialization in Computer) from Pune University with 1st Class 61.35% in July 2001.
3. B.E. (Computer Science) from Amravati University with 1st Class 72.15%, June 1995.

Total Experience in Years : Teaching : 15 Years 9 Months

1. Vice-Principal (Academic), D.J. Sanghvi College of Engineering from 15.4.2010 till date.
2. Assistant Professor, D.J. Sanghvi College of Engineering from 13.4.2004 till date.
3. Lecturer, SNDT University from Jan.2000 to 12.4.2004
4. Lecturer, BharatiVidyapeeth College of Engineering from 1.8.1997 to 31.8.1998.

Industry: 1 Year 9 Months

1. Senior Faculty, The Service Consultancy from 1.4.1996 to 31.3.1997.
2. Senior Faculty, Computer Society of India from 1.7.1995 to 31.3.1996.

Papers Published in Journal : National : 01

1. Shah, T., Shetty, P., Gorasia, D. and Joshi, A. R. (2010). Augmented Reality, Published in National Journal – Technofocus, Vol., No.1, pp. 1 – 3.



1. Joshi, A. R. and Sasikumar, M. (2009). "A Constructivist Approach to Teaching Sentences in Indian Languages", Presented and Published in ACM Digital Library and the Proceedings of the International Conference on Advances in Computing, Communication and Control, Fr. CRCE, Bandra, Mumbai, Maharashtra, India, pp. 14-19.
2. Joshi, A. R. and Sasikumar, M. (2009). "A Constructivist Approach to Teaching Sentences in Indian Language", Presented and Published in IEEE Xplore and the Proceedings of the International Conference on Technology for Education, Bangalore, Karnataka, India, pp. 79-84.
3. Thakkar, V., Shah, A., Thakkar, M., Joshi, A. R. and Mendjoge, N. (2012). "Learning Maths using Gesture", Published in IEEE Xplore and Proceedings of the International Conference on Education & E-learning Innovations (ICEELI), Sousse, Tunisia.
4. Joshi, Abhijit and Sasikumar M. (2012). "A Scaffolding Model – An Assessment for Learning of Indian Language", Published in IEEE Xplore and Proceedings of the International Conference on Education & E-learning Innovations (ICEELI), Sousse, Tunisia.
5. Chaudhari, D., Joshi, A. R., Prasad, R., Shah, A. and Mehta, P. (2012). Voice Recognition System Using Neural Network, Published in the International Journal of Information and Computation Technology, Vol. 2, No. 2, pp. 147 – 150.
6. Mandot, C., Muchhala, V., Kanbar, D., Joshi, A. R. and Dias, S. (2013). Calculating Discount On Premium For Car Using Rashness Index Calculator, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 4, Issue 7, July 2013 Edition (ISSN 2229-5518).
7. Desai, R., Dave, R., Mehta, R., Benjamin, S. and Joshi, A. (2013). Interactive Circuits Using Augmented Reality, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 4, Issue 7, July 2013 Edition (ISSN 2229-5518)
8. Desai, Darshana and Joshi, Abhijit (2014). Stream Data Classifier with Ensemble Cluster, Published in International Journal of Engineering Research & Technology (IJERT), Volume 3, Issue 1, Jan 2014.
9. Ranade, Aparna and Joshi, A. R. (2014). Generation of Web Pages from Document Image, Published in the Proceedings of

International Conference and Workshop on Advanced Computing 2014, Thakur College of Engineering, Mumbai, Maharashtra, India and in International Journal of Applied Information Systems (IJ AIS), ICWAC 2014 (2): 17 – 20, June 2014, ISBN: 978-93-65823-75-0h.

10. Kanere, Ketan and Joshi, Abhijit (2014). A Framework for Nested Web Services, Published in International Journal of Engineering Research & Technology (IJERT), Volume 3, Issue 3, March 2014.
11. Ranade, Aparna and Joshi, A. R. (2014). Techniques for Understanding User Usage Behavior on the Internet, Published in International Journal of Computer Applications (IJCA), Volume 92, Number 7: 41– 44, April 2014, ISBN: 973-93-80881-27-5.
12. Joshi, A., Mehta, R., Bose, A. and Shah, K. (2014). An Immersive Learning Approach to Teach Science Experiments, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 5, Issue 5, May 2014 Edition (ISSN 2229-5518).
13. Advani, L., Naik, S., Ray, R., Joshi, A. R. and Nagare, A. (2014). Eye Simulation Using 3D Animation, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 5, Issue 5, May 2014 Edition (ISSN 2229-5518).
14. Iyer, A., Kanchwala, Q., Wagh, T. and Joshi, A. (2014). An Interactive E-learning Approach to Wind Energy Concepts Using Low Cost Access Devices, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 5, Issue 6, June 2014 Edition (ISSN 2229-5518).
15. Dalvi, P., Oulkar, S., Cotecha, S., Joshi, A. R. and Dalvi, H. (2014). Word Problem Solver for Probability, Published in International Journal of Engineering Research and Applications (IJERA), Vol. 4, Issue 7(Version 1) : 76 – 81, July 2014, ISSN: 2248-9622.

**Papers Presented in : National: 10
Conferences**

1. Joshi, A. R., Choubey, N. S. and Choubey, P. S. (2005). "An Object Oriented Database approach to Pr-shipment Processing Documentation of an Export Company", Presented and Published in the Proceedings of the National conference on Database Management and Networks, Erode Sengunthar Engineering College, Thudupathi, Tamilnadu, India.
2. Choubey, N. S., Joshi, A. R. and Choubey, P. S. (2005). "An Application of Genetic Algorithm to Optimal Shop Scheduler", Presented and Published in the Proceedings of the National conference on Database management and Networks, Erode Sengunthar Engineering College, Thudupathi, Tamilnadu, India.
3. Joshi, A. R. and Sasikumar, M. (2007). "Intelligent Learning Environment for Learning Indian Languages", Presented and Published in the Proceedings of the National Conference on New Horizons in Technology and Applications, Mumbai, Maharashtra, India, pp. 26-35.
4. Sasikumar, M. and Joshi, A. R. (2007). "Intelligent Instructional Systems for Language Learning", Presented and Published in the Proceedings of the Instructional Conference on Research Trends in Information Technology, Kolhapur, Maharashtra, India, pp. 68-76.
5. Joshi, A. R. and Sasikumar, M. (2008). "Constructivist Approach to Teach Inflections in Marathi Language", Presented and Published in the Proceedings of the National Conference on Advances in Technology and Recent Developments, Mumbai, Maharashtra, India, pp. 10-16.
6. Busa, N., Buch, R., Siddiqui, S. and Joshi, A. R. (2008). "Intelligent Tutoring System for Indian Languages", Presented and Published in the Proceedings of the National Conference on Engineering Trends in Computer Technology, Sarvajani College of Engineering & Technology, Surat, Gujarat, India.
7. Doshi, P. Bhatt, R. Bhatia, A. and Joshi, A. R. (2008). "Innovative Scheduling Algorithms to Improve Performance in Grid Computing", Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer Technology, Sarvajani College of Engineering & Technology, Surat, Gujarat, India.
8. Pandya, J., Mehta, P., Mahadeshwar, M. and Joshi, A. R. (2008). "Evaluation of Grid using Globus Tool Kit", Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer Technology,

Sarvajanik College of Engineering & Technology, Surat, Gujarat, India.

9. Kadakia, S., Salyankar, S., Shah, S. and Joshi, A. R. (2009). "Simulation of Real Estate Price Environment", Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer, Communication and Information Technology, K. J. Somaiya College of Engineering, Mumbai, Maharashtra, India.
10. Raut, P., Joshi, A. R., Desai, R. and Dewan, D. (2013). "Stock Market Analysis Using Fuzzy Logic", Published in the Proceedings of National Conference on Computing and Information Technology, Mumbai, Maharashtra, India.

Papers Presented in Conferences

International: 03

1. Chaudhari, D., Joshi, A. R., Gera, N., Sharma, A. and Bagadia, S (2012). "Short Term Natural Gas Demand Forecasting using Neural Networks", Presented and Published in the Proceedings of the International Conference on New Vistas in Entrepreneurial Endeavors, Neville Wadia Institute of Management Studies & Research, Pune, Maharashtra, India.
2. Joshi, A. R., Raut, P. P., Desai, V., Doshi, H. and Shah, K. (2013). "Cricket Team Selection Using Artificial Intelligence", Published in the Proceedings of International Conference on Advances in Communication and Computing Technologies (ICACACT), PVPPCOE, Mumbai, Maharashtra, India, pp. 27.
3. Mehta, N., Jagani, P., Parekh, J., Joshi, A. and Katre, N. (2014). "Big Bang Chess", Published in the Proceedings of International Conference and Workshop on Advanced Computing 2014, Thakur College of Engineering, Mumbai, Maharashtra, India.

PhDs / Projects Guided

: PhDs : --
Projects at Masters level: 08

- Books Published / IPRs / Patents** :
1. Joshi, A.R. (2007). Computer Simulation and Modeling, 1st Edition, Vipul Prakashan.
 2. Joshi, A. R. (2009). Computer Simulation and Modeling, 2nd Edition, Vipul Prakashan.
 3. Joshi, A. R. (2011). Computer Simulation and Modeling, 3rd Edition, Vipul Prakashan.
 4. Joshi, A. R. (2012). Computer Simulation and Modeling, 4th Edition, Vipul Prakashan.
 5. Joshi, A. R. (2014). System Simulation and Modeling, 1st Edition, Vipul Prakashan.
- Professional Memberships** :
1. Life Member of SAE
 2. Life Member of ISTE, New Delhi.
 3. Life Member of ISME
 4. Nominee Member of CSI till 20th June 2014.
- Consultancy Activities** : --
- Awards** : Best Teacher of I.T. Department in 2008
- Grants fetched** : --
- Interaction with Professional Institutions** :
1. Member of Alumni Associations of College of Engg. Pune.
 2. Interacted with the board of studies member of IT and Computer under the faculty of technology, NMIMS University and also design the syllabus of many subjects of B. Tech./MBA. Tech. IT and Computer, 2007 – till date.
 3. Attended syllabus meeting, held in Vivekanand Education Societies' Institute of Technology on 04-03-2009.
 4. Attended the meeting for farming the content of revised syllabus for semester 7 and 8 information technology of 11-12-2009 at Vidyalkar Institute of Technology.
 5. Conducted an expert session on “Simulation and Modeling using GPSS” on 6-10-2010 at Bharti Vidyapeeth College of Engineering.
 6. Enlightening the inauguration session of 1 day orientation program on “Data Warehousing and Mining and BI” on 23-7-2010 at K J Somaiya.

R &D and consultancy projects and the amount

7. Interacted with the board of studies member of IT under the faculty of technology, University of Mumbai and design the syllabus of many subjects of third year and fourth year of IT as per the direction of chairman BOS, IT, University of Mumbai, 2010 - 11.
 8. Chief Guest for orientation program on “GAP, ISMDR, Mobile and E-Commerce” on 22-1-2012 at K J Somaiya.
- :
1. Worked on Short Term Gas Demand Forecasting under our own Innovation Center
 2. Worked on Cricket Team Selection using AI under our own Innovation Center