

ASHWINI DALVI



PRESENT POSITION

Assistant Professor, Department of Information Technology, KJSCE

INTEREST AREAS

- ✓ Predictive Analysis
- ✓ Behaviour Modelling
- ✓ Web Technologies
- ✓ Information Security
- ✓ Communication Engineering

ACADEMIC QUALIFICATION

Master of Technology (Computer)	2011	VJTI, Mumbai
B. E. (Electronics and Telecommunication)	2004	S.H. Jondhale College of Engineering, Mumbai University

ACADEMIC ACHIEVEMENTS AND AWARDS

- ✓ Distinction In M.Tech, VJTI

COURSES TAUGHT

- ✓ **Under Graduate Courses:** Application and Web Security, Software Vulnerability Analysis
- ✓ **Under Graduate Courses:** Object Oriented Software Engineering, Software architecture, Advanced Internet Technologies, Principle of Communication Engineering, Digital Logic design and Application

PUBLICATIONS

Journal publication

- 1) Kaushal Meher, Ashwini Dalvi, “Smart ATM- Reactive Measures against Physical Threats”, International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 7, Issue 1, May 2016, ISSN- 2278-621X
- 2) Ashwini Dalvi, Pooja Sankhe, Tejaswini Dhaygude, Archana Kamble, “Contact Management Using QR Code”, International Journal of Modern Trends in Engineering and Research, IJMTER, July 2015
- 3) Ashwini Dalvi, Dhvani Shah, Rujul Desai, Shraddha Vora, Vaibhav Tailor, “ The Prophecy-Prototype of Predication modelling Tool”, Volume 3, Special Issue 1, February 2014, International Journal of Innovative Research in Science, Engineering, and Technology (IJIREST)
- 4) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram, “DCF Improvement for Satisfactory Throughput of 802.11 WLAN”, Vol. 3 No. 7 July 2011, International Journal on Computer Science and Engineering (IJCSE)
- 5) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram, “Routing Protocols for Cognitive Radio Ad-Hoc Network”, International Journal of Computer Network and Security (IJCNS) Vol1. No.4 Oct-Dec 2010

International Conference Publications

- 1) Ashwini Dalvi, Irfan Siddavatam, Nishigandha Dandekar, Aniket Patil, “3D Holographic Projections using Prism and Hand Gesture Recognition”, International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET 2015), Proceedings published in ACM Digital Library
- 2) Ashwini Dalvi, Irfan Siddavatam, Nishigandha Dandekar, Aniket Patil, “Prism based Interactive 3D Holographic Projection”, International Conference on Futuristic Trends on Computational Analysis and Knowledge Management (ABLAZE 2015), 25–27 February 2015, New Delhi, India
- 3) Ashwini Dalvi, Aditi Parab, Priyanaka Kumavat, “An Intelligent Music Player”, International Conference on Futuristic Trends on Computational Analysis and Knowledge Management (ABLAZE 2015), 25–27 February 2015, New Delhi, India
- 4) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram, “Cognitive Radio Network: Emerging Trend of Next Generation Communication System”, (Wireless VITAE 2011) Chennai. Proceeding published in IEEE Xplore.

- 5) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram, “ Centralized Management approaches for WLAN” CNC-2011, Bangalore, Karnataka. Proceedings published by Springer LNCS-CCIS
- 6) Ashwini Dalvi, Pamukumar Swamy, Uttam Kolekar “Overhead Of Distributed Coordinated Function In 802.11 MAC Protocol” International Conference NuiCONE-2010
- 7) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram, “ Implementation Challenges in spectrum Sensing”,ICWET 2011, Thakur College, Mumbai
- 8) Ashwini Dalvi, “Cognitive Network Agent for Wireless LAN”, International Conference on Computer Applications, (ICCA) 2010, Pondicherry, India

National Conference Publications

- 1) Ashwini Dalvi, Pamukumar Swamy, B. B. Meshram “Admission Control Policy for WLAN - A Cognitive Approach”, National Level Conference on Network Infrastructure Management Systems, INTERFACE 2010, VJTI, Mumbai.

CONFERENCES / SEMINARS / TRAINING PROGRAMS ORGANISED/ ATTENDED / DELIVERED

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- ✓ Delivered a lecture on “Security in IoT” , in ISTE approved STTP on “ Digital Security” in K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, June 30, 2016.
 - ✓ Delivered a lecture on “Research Trends in IoT” , in ISTE approved STTP on “ Internet of Things” in K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, January 8, 2016.
 - ✓ Organizing committee member for ISTE approved STTP on “ Internet of Things” in K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, January 4 - January 8, 2016.
 - ✓ Organizing committee member for National Conference on “Emerging trends in computers, communication and Information Technology”, at K.J.S.C.E., Mumbai, March 20-21, 2009.
 - ✓ Attended Two days Training Program on “Frameworks”, at K.J.S.C.E., Mumbai, March 2016
 - ✓ Attended Faculty Development Program, organized by iGATE, Mumbai, May 25- May 29, 2015.
 - ✓ Attended Four days Training Program on “NBA’s Outcome Based Accreditation”, at

K.J.S.C.E., Mumbai, June 2014

- ✓ Attended ISTE approved Two week Short Term Training Program on ‘Tools and Techniques for Effective Technical Writing’, at K.J.S.C.E., Mumbai May 13- May 17, 2013.
- ✓ Attended 1 Day seminar on Ethical Hacking and Network Security, Mumbai, January 12, 2013.
- ✓ Attended Two days Training Program on “Aakash For Education”, at K.J.S.C.E., Mumbai, November 2012
- ✓ Attended International Conference, organized by Thakur College of Engineering, Mumbai, February 2011
- ✓ Attended National Conference organized by VJTI, Mumbai, December 2010.
- ✓ Attended Two days STTP on “Workshop On wired and Wireless Devices” D Y Patil College, Pune 2008
- ✓ Attended ISTE approved Short Term Training Program on ‘Wireless Communication and Mobile Computing’, at Don Bosco Institute of Technology, Mumbai, 2008
- ✓ Attended ISTE approved Two week Short Term Training Program on ‘Image Processing and Multimedia: Technologies and Applications’, at K.J.S.C.E., Mumbai, 2007

POSITIONS OF RESPONSIBILITY: AT UNIVERSITY LEVEL / INDUSTRY / PROFESSIONAL ORGANISATIONS

- ✓ Life Member of Indian Society of Technical Education, New Delhi, India, since 2009.

PERSONAL DETAILS

Year of Birth	1983	Languages	English, Hindi, Marathi
Email	ashwindalvi@gmail.com , ashwinidalvi@engg.somaiya.edu		
