

Curriculum Vitae

Pradeep B. Mane

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EDUCATION

- **Doctor of Philosophy in Engineering & Technology, Bharati Vidyapeeth University, L. B. S. Road, Pune 411043.**
Dissertation: Studies of Hardware and Communication Protocol of Bluetooth Technology for LAN/Security System.
- **Master of Engineering, University of Pune, G.C.O.E. Pune, 1999**
Specialization: Microwave Engineering.
THESIS: Circularly Polarized Micro Strip Antenna Array.
- **Bachelor of Engineering, University of Pune, G.C.O.E. Pune, 1991**
Specialization: Electronics & Telecommunication
PROJECT: Robotic Arm Control.

ACHIEVEMENTS

- **As Individual:**
 - The proposal submitted and presented received grant worth Rs. 45.5 lakhs from UGC under their innovative program scheme to start the Bio-Medical Engineering course in the department of Electronics BVUCOE, Pune.
 - The research proposal submitted to University of Pune received grant of Rs. 3.00 lakh for project PCI Bridge
 - Project guided received the first price in the national event, CONCEPTS and IMPETUS organized by PICT Pune in year 2003-2004.
 - U.G. Project guided received Motorola Scholarship in year 2006-07.
 - Project guided received the first price in the national event, ZION 09 organized by D.Y.Patil Engineering & Technology, Pune in year 2008-09.
 - Bibliographical profile selected for inclusion in the forthcoming 2010 Edition of Marquis Who's Who in the World.
 - Project guided received the Second price organized by IETE, Pune center in year 2012.

- Felicitated by Janseva Sahyog Community Center (MAH/2299/85, Trust F-3586) for contribution in teaching on 5th Sep 2013.
 - Co-investigator for ISRO sponsored project (grants of Rs. 8.70 Laks).
- **As Department Head(BVCOEW Pune):**
 - Department received Rs.5.5 lakh for research proposal submitted to University of Pune year 2006-07
 - Department received Rs. 2.5 lakh for research proposal submitted to University of Pune year 2007-08
 - Department received Rs. 1.49 lakh for workshops, seminars and national level techfest from University of Pune year 2007-08
- **As Principal:**
 - NBA Accreditation
 - Permanent affiliation
 - MoU : UK and US Universities (UKIERI Fund 12,000 pounds)
 - Professional Bodies Awards : IETE - Received 1st prize (2010-11,2011-12,2012-13) (Best Students' chapter), 2nd Prize (2013-14)
 - CSI - Received 1st prize(2012-13,2013-14) (Best Students' chapter)
 - Total No. of Grants received :
 - Rs. 13.8lacs Grants for Research (2009-14)
 - Rs. 10.45lacs Grants for Conferences/Workshops (2009-14)
- **Professional Experience**
 - **Principal** in AISSMS IOIT, Pune from 11th June 2009 to till date.
 - **Professor** in E&TC Engineering department, Bharati Vidyapeeth's College of Engg. For Women, Pune from 13th June 2006 to 10th June 2009.
 - **Assistant Professor** in Electronics Engineering department, Bharati Vidyapeeth University College of Engg., Pune from 1st July 1999 to 12th June 2006.
 - **Lecturer** in Electronics Engineering department, From 11th July 1994 to 30th June 1999.
 - **Customer support engineer** in Philips India Limited from 15th July 1991 to 30th June 1994.

- **Courses Taught**

Under-Graduate	Post-Graduate
1. Communication Engineering 2. TV Engineering 3. Digital Communication System 4. Data Communication 5. Computer Networks 6. Electronic Circuit Design 7. Electronic System Design 8. Electronic Communication I 9. Electronic Communication II 10. Analog and Digital Circuits 11. Voice Networks 12. Audio & Video Engineering	1. Digital Communication 2. Wireless Computer Networks 3. Mobile and Wireless Networks

- **Guidance to PhD Students:**

Sr. No.	Name of the Student	Topic of Research	Date of Registration
1.	Mrs. Viddhulata S. Mohite	Radio Resource Management for heterogeneous wireless networks	6 th June 2009
2.	Mr. Sandeep B. Vanjale	A comprehensive and analytical study of rogue access point detection methodologies in IEEE 802.11 with special emphasis on use of mobile agent and artificial intelligence for detection.	15 th June 2009
3.	Mr. Sushilkumar M. Rajbhoj	An Approach of combining fingerprint and Iris Biometric for personal Recognition.	5 th June 2009
4.	Mrs. Madhavi H. Belsare	Performance Analysis of Space Time Block Coded Multiple Input Multiple Output - MIMO System in different channels	17 th August 2012
5.	Mr. Altaf Osman Mulani	Area Optimization of invisible digital image watermarking on reconfigurable platform	24 th August 2012
6.	Mr. Abhay Addapanwar	Performance aware routine for distributed cognitive radio network	5 th May 2014

- **Guidance to PG Students:**

- ❖ **Some of the Projects guided recently.**

- LIC Policy Management System.
- Multimedia Streaming.
- Simulator for Base band & Link Controller.
- Chat Monitoring System.
- Design and Verification of Scheduler and SPI 4 output Modules at the Receiver side of System Packet Interface level 4 (SPI-4) Core.
- Design and Verification of Scheduler and SPI 4 output modules at the Transmitter side of System Packet Interface level 4 (SPI 4) Core.
- VISI Implementation of the SAFER + Encryption Algorithm for Bluetooth Systems.
- Web Based Process Plant Control.
- ATM Cell Selection Polices.
- Implementation of Peripheral Component Interconnect (PCI) Bridge Using FPGA.
- Implementation of Rijndael Algorithm Using Verilog.
- Design and simulation of data scrambler and convolutional encoder for WLAN (802.11a)
- Design of compact dual band (2.4 and 5.1 GHz) microstrip antenna for WLAN.
- Separation of singing voice from music accompaniment.

- ❖ **Faculty for BITS Pilani Distance learning education for MS (Embedded Systems) at Patani Computer Systems, Pune**

- ❖ **Assessment of Paper for Mumbai University, UG.**

- ❖ **Assessment of Paper for Shivaji University, UG and PG.**

- ❖ **Assessment of Paper for Nagpur University, PG.**

- **Teaching Interest**

- Analog Communication
- Digital Communication.
- Computer Networks.
- Mobile Communication.
- Wireless Network.
- Television Engineering.

- **Teaching Evaluation**

- Subject results above 80 %.

- **Highlights of Professional Experience**

- Head of E & T.C. Department.
- Member of UGC Committee which visited Jaipur National University for assessing the Physical and Financial infrastructure to accord the status of private university.

- Vice-Chancellor's Nominee and subject expert for staff selection (University of Pune).
- LIC Committee Member (University Of Pune).
- Coordinator Biomedical Engineering (BVUCOE).
- Coordinator for Post Graduation course (BVUCOE).
- B. O. S. Member faculty of Electronics BVU and SPPU.
- Resource Person IETE, Pune, MAE COE Alandi, SAE Kondhawa, VIIT Pune.
- Coordinator for preparation of NAAC Report (BVUCOE).
- Coordinator for preparation of NBA Report (BVUCOE).
- Assisting the principal in administrative activities (BVUCOE & BVCOEW).
- Member of purchase committee (BVUCOE & BVCOEW).
- Member of library committee (BVUCOE & BVCOEW).
- Member of Convocation committee BVU.
- Member of Admission committee BVU.
- T & P Coordinator of the Electronics Department, BVCOE, Pune.
- Judge at the intercollegiate contest at Intech Xication 2003 organized by MIT Pune.
- Convener for National Conference on "Emerging Trends in Biomedical Engineering" scheduled on 15th, 16th Sep.2005
- Coordinator for workshop on "BIOMEDICAL INSTRUMENTATION" on scheduled on 23rd & 24th Feb.2006 BVUCOE.
- Presentation on Bluetooth Technology to IEEE student branch in 2006-07.
- Chairman for "Prodigy" national level techfest held at B.V.C.O.E.W. from 6 to 8 March 2007
- Judge at the Intercollegiate Paper Presentation contest at BHARTIYAM 2007 by BVUCOE, Pune.
- Delivered lecture on "Blue tooth Technology" at IETE Pune, dated on 29th March 2008.
- Chairman for "Prodigy" national level techfest held at B.V.C.O.E.W. from 18 to 20 Feb 2008.
- Judge at the Intercollegiate Paper Presentation contest at BHARTIYAM 2008 by BVUCOE, Pune.
- Judge at the Intercollegiate Paper Presentation contest at Versatalia 2009 by PVG Pune.
- Judge at the Intercollegiate Paper Presentation contest at BHARTIYAM 2009 by BVUCOE, Pune.
- Chief coordinator for JISHIN 2009 National Level Techfest held at BVCOEW, Pune 4th to 6th March 2009.
- Judge in e-PGCON 2010 on 17th April 2010 at Rajshree Shahu College of Engineering, Pune.
- Steering committee member in "INDO-US Education Colloquium 2013" February 5th – 6th 2013 organized by AISSMS.
- Panel judge for Phase-I evaluation of communication based project competition held on March 24, 2014

- Worked as session chair in International Conference on Pervasive Computing (ICPC2015) organized by Sinhgad College of engineering during 8th to 10th Jan 2015.
- Senior Supervisor of conduction of CET of BVU
- Internal and External Examiner for Practical and Oral Examination
- Paper Setting and assessment of Theory papers for Pune University and BVU.
- Senior Supervisor of conduction of Pune University and BVU Theory Examination.
- Chief Test Administrator for MH-CET for MBA.
- Organizing Secretary for “e-PG Project Exhibition” on 29th-30th May 2015 organized under the aegis of BoS Electronics Engineering SPPU.
- Regular reviewer for Springer Wireless Personal Communications Journal.
- Worked as session chair in IEEE International Conference on Information Processing (ICIP) organized by Vishwakarma Institute of Technology during 16th to 19th Jan 2015.
- Worked as session chair in International Conference on Transformations in Engineering Education organized by College of Engineering in association with Indo-US Collaboration for engineering education during 8th to 12th Jan 2016.

• Scholarly Contributions

Patents							
Authors	Title	Year	Country	Assignee	Patent No	Number of Pages	Web Add
Mane Pradeep Bajrang, Bairagi Vinayak Kachardas	Smart Waste Collection and Management System	2015	India	Pradeep B Mane	1721/MUN/2015	33131	www.ipindia.gov.in
Journals							
Sr No	Details of National /International Journal	Title of Research Paper					
1.	A journal of Advance in Engineering Science section C No-2: April June 2008 published by Sinhgad Technical Education Society, Pune	A Java Platform Based Approach For Implementing Customized Blue tooth Profiles					
2.	International Journal for Engg. Research & Indu Appls. ISSN 0974-1518 Vol 2,No.V ,pp73-86,	Development of Event Reporting Slandered in Generic Equipment model layer for semi automation tool					

	July-sep09	
3.	International Journal for Engg. Research & Indu Appls. ISSN 0974-1518, Vol 2,No.V, PP 259-269, Sep-Dec2009	Implementation of Rijndael Algorithm using Verilog for Enhancing Data Security
4.	Journal of Multi Disciplinary Engg Technologies ISSN-0974-1771, Vol 3,No.2,Jan-june 2009	Implementation of transparent peripherals component interconnect bridge using FPGA
5.	International Journal Of Engineering Science & Technology, ISSN: 0975-5462, Vol.3 No.5 May2011	Providing Data Security In WLAN By Detecting Unauthorized Access Points And Attacks
6.	International journal of Engg. Research and industrial Appls.(IJERIA), ISSN0974-1518,Vol.4,No. III (August 2011, pp309-318)	Detection of illegal access points using filters and network attacks using signatures for providing security in WLAN.
7.	International Journal of Engineering and Innovative Technology (IJEIT) Volume 1, Issue 3, March 2012, ISSN: 2277-3754, pp 139-143	Synthesis and Simulation of Data Scrambler, Convolution Encoder, Data Interleaver and BPSK Modulator for WLAN (802.11a) Base band Chip
8.	International journal of advanced engineering technology, E-ISSN: 0976-3945, Vol.3, issue2, April-2012.	Providing data security for WI-FI network using mobile agent in distributed system.
9.	International journal of computer networks and wireless communications (IJCNWC), ISSN: 2250-3501, Vol. 2, No.4, August 2012.	Performance evaluation of space time block coded spatial modulation, vertical-BLAST and diagonal-BLAST space time block code
10.	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 6, Issue 3 (May. - Jun. 2013), PP 01-03	Automatic Controlling Of Train Using Wireless Protocol Zigbee
11.	International journal of innovative technology and exploring engineering (IJITEE), ISSN: 2278-3075, Vol.3, issue 2, July 2013.	Haar wavelet approach of iris texture extraction for personal recognition
12.	International Journal of Engineering Research & Technology (IJERT), ISSN:	Non-Intrusive Appliance Load Monitoring System Using Zigbee Protocol

	2278-0181, Vol. 3 Issue 4, April – 2014	
13	Technical Journal of the institutaion of Enginers, Vol: 38 Nov 2014, ISBN No: 978-81-924990-2-4	Comparison of Omni-Directional Rectangular Micro Strip Antennas
14	International Journal of Emerging Technology and Advanced Engineering, Volume 3, Issue 3, March 2013 (ISSN 2250 – 2459 (Online))	Analysis Of Improvement QoS Parameters Techniques Used For Hybrid Networks
15	International Journal of Computer Applications, 5166-1078, ISBN: 978-93-80866-68-7	Vertical Handoff technique for Heterogeneous Wireless Network
16	International Journal of Research in Computer Science eISSN 2249-8265 Volume 2 Issue 4 (2012) pp. 45-50	Analysis of Handoff Techniques used for Hybrid Networks: Cellular / WLAN
17	International journal of Engineering science and Technology (IJEST), ISSN:0975-5462,Vol.4,No.02, Feb.,2012.	Unapproved access points elimination in WLAN using multiple agents and skew intervals.
18	International journal of Recent trends in Engineering and science, ISSN: 2277, vol2, issue2,2012.	Unapproved access point avoidance approach for WLAN:New algorithm
19	UACEE International journal of advances in computer networks and its security, Vol.2, issue 2, [ISSN 2250-3757], 2012.	Design and simulation of data scrambler and convolutional encoder for WLAN (802.11a)
20	International journal of computer engineering and technology (IJCET),ISSN 0976-6367, Vol.4, issue2, pp. 493-499, March-April 2013	A survey of evil twin detection methods for wireless local area network.
21	International Journal of Science, Engineering and Technology Research (IJSETR), Volume 3, Issue 4, April 2014	IMPLEMENTATION OF MICROCONTROLLER BASED WIRELESS SCADA SYSTEM
22	International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277-128X, Vol.4, issue 9, 2014.	Omni-Directional Rectangular Micro Strip Antenna for WLAN
23	Technical Journal(India) of The	Comparison of Omni-Directional

	Institution of Engineers, ISSN: 978-81-924990-2-4, Vol.38, issue 9, 2014	Rectangular Micro Strip Antennas
24	International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 3, March 2015	Study of Algorithms for Separation of Singing Voice from Music
25	International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-5 Issue-1, March 2015, pp 102-106	An Approach of Combining Iris and Fingerprint Biometric At Image Level in Multimodal Biometrics System
26	IJSART - volume 1 Issue 4 – APRIL2015 ISSN [ONLINE]: 2395-1052	Hand Gesture Implementation For Device Control
27	International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 5, May 2015, ISSN: 2277 128X, pp 1723-1727	Detection and Prevention of Rogue Access Point in the 802.11 Using Various Parameters
28	International Journal of Computer Applications, ISSN: 0975 – 8887, Vol.116, issue 13, 2015	Transformation based Approach of Combining Iris and Fingerprint Biometric at Confidence Level
29	International Journal of Advanced Research in Electronics & Communication Engineering, ISSN: 2278 – 909X, Vol.4, issue 3, 2015	Implementation of Multiple Input Multiple Output System Prototype Model in Different Environment
30	International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 7, July 2015, ISSN: 2277 128X, pp829-833	Detecting Unauthorized Access Point in WLAN by using CTT
31	Springer Wireless Personal Communications December 2015, Volume 85, Issue 3, pp 1093-1110, DOI 10.1007/s11277-015-2828-x, Print ISSN: 0929-6212, Online ISSN: 1572-834X , Publisher: Springer US	Impact of Packet Size and Mobility on Heterogeneous Wireless Network

Paper Publication in Conferences		
Sr. No.	Title of Research Paper	Details of International/National Seminar Conference
1.	Blue tooth Ad-hoc PAN System	National Seminar on Nationwide Cellular mobile Telecommunication Services on 9 th and 10 th August 2003 Organized by IETE-Pune.
2.	Bio-informatics Revolution	“Environment & Pollution Management for sustainable Development” at LNIT Bhopal on 24/4/2004
3.	Enhanced Fold Head Cryptography	“International conference on soft Computing” at Chennai on 27-28/5/04
4.	Elliptic Curve Cryptosystem For Secure Multimedia Transfer	“International conference on soft Computing” at Chennai on 27-28/5/04
5.	CPM as a Project Management Technique-Electrical Engineering Flied.	“International conference on soft Computing” at Chennai on 27-28/5/04
6.	Simulator for lower layers of Bluetooth module.	“International conference on computer, control and communication” at Chennai on 20-22/8/04
7.	Cell selection policies in ATM Network	“national conference on ADELCO-2004” at Kovilpatti on 3-4/6/04
8.	Chat Monitoring System	National Conference on “Trends of computational techniques in Engg” to be hold at Sant Harachand singh Longowal central institute of engg & Tech, Longowal. On 15-16 Oct.2004.
9.	Pulse Oximeter Using Micro controller Using 89c51”	National Conference on “Hi-Tech Trends in Emerging Computation Technologies” Sethu Institute of Technology On 10-11 Sept.2004.
10.	Digital handshaking	National Conference on “Hi-Tech Trends in Emerging Computation Technologies” Sethu Institute of Technology On 10-11 Sept.2004
11.	Interface reduction techniques for coexistence of Bluetooth and Wi-Fi	National Conference on “Trends of Computational techniques in Engg” to be hold at Sant Harachand singh Longowal Central institute of engg & Tech, Longowal. On 15-16 Oct.2004.
12.	Implementation of Cryptography using VLSI technology to improve data security with high flexibility	Second National Conference (ADELCO-2005) on “advance in Electronics Communication held at National Engg. College, Kovailpatti, Tamilnadu on 18 th , 19 th April 2005.

13.	Cost Effective Banayan Network for ATM Network	Second National Conference (ADELCO-2005) on “advance in Electronics Communication held at National Engg. College, Kovailpatti, Tamilnadu on 18 th , 19 th April 2005.
14.	Real Time Multimedia Streaming in Mobile Communication System.	Second National Conference (ADELCO-2005) on “advance in Electronics Communication held at National Engg. College, Kovailpatti, Tamilnadu on 18 th , 19 th April 2005.
15.	Design And Analysis of an ATM Switch With Priority Discarding Scheme	N.C.SPCON, Vol 1, June 2005, pp 183-187
16.	Authentication and encryption for blue tooth suing VHDL	National Conference on modern trends in information and communication technology held on Oct. 20 th to 22 nd 2005 at Maharishi Markandeshwar engineering college, Mullana (Ambala) Haryana.
17.	Remote Patient Monitoring System	Nantional Conference on “Emerging Trends in Biomedical Engineering” organized by Bharti Vidyapeeh Pune on 15 th – 16 th Sep 2005
18.	Flaws in bluetooth security	Proceedings of the International conference on recent trends on information systems (IRIS06) national engineering college Kovilpatti, Tamilnadu Jan 6 th -8 th 2006 page no. 323-331
19.	On line global business management system.	Proceedings of the International conference on recent trends on information systems (IRIS06) national engineering college Kovilpatti, Tamilnadu Jan 6 th -8 th 2006 page no. 323-331
20.	Embedded system application in automobile control system	NCES-06 no Embedded system, Thadomal Sahani Engineering college Mumbai, 25 th Feb 2006.
21.	Mobile Phone Processor Architecture	NCES-06 no Embedded system, Thadomal Sahani Engineering college Mumbai, 25 th Feb 2006.
22.	DSP-Embedded Application in Automobile Control	NCES-06 no Embedded system, Thadomal Sahani Engineering college Mumbai, 25 th Feb 2006.
23.	System Packet Interface 4.2 core design and verification	Nirma Institute of Technology Gandhinagar, Gujrat, 22 nd March 2006.

24.	VISI Implementation of Core complaint to SPI 4.2 for Broadband Communication	VIIT-Pune-National Conference on Broadband Communication Systems, 1-3 Sept.2006.
25.	VISI Implementation of a Crypto processor based on RJINDAEL Algorithm	Padre Conceido College of Engg Verna Goa, National conference on Emerging trends in Electronics and Communication Engg, 14-15 th Sept.2006 Page-77-81.
26.	VISI Implementation of SAFER + Algorithm for Bluetooth Technology	Padre Conceido College of Engg Verna Goa, National conference on Emerging trends in Electronics and Communication Engg, 14-15 th Sept.2006 Page-77-81.
27.	Remote Health Monitoring System.	National Conference on Engineering Trends in Electronics NCETE-2006, Organised by MAEER Pune's Maharashtra Academy of Engineering Alandi (D), Pune, Dec.-28-30 2006.
28.	SPIHT Based Medical Image Compression for Telemedicine	NCACCN-2007 organised by PDVVP COE, Ahmednagar; 9 th & 10 th March 2007.
29.	Point to Poing Communication Using Ad-hoc Network	National Conference on Signal Processing and Automation, NCSPA-07, Dr.D.Y.Patil Institute of Engg. and Techno. Pimpri, Page-18, 6-8 Sept.2007.
30.	Kernel Level on-Access Data Authentication and Security through stackable file systems	Proceedings of Computer Association of Nepal, Katmandu Nepal, 12-13 Jan 2007
31.	Wireless Protocol Standards and their Impacts	International Conference (ADELCO-2007) on "advance in Electronics Communication held at National Engg. College, Kovailpatti, Tamilnadu on 1 st to 3 rd Feb 2007. pp 677-683
32.	Genetic Algorithm for Bluetooth Scatternet protocol	National Conference on Communication and Signal Processing organized by Thadomal Sahani Engineering college Mumbai, 12-13 April 2007. pp 63-69.
33.	PCI Bridge using HDL.	INNOVATION 2007 organized by University of pune on 19 th – 20 th Nov 2007
34.	Enhancement in Bluetooth Communication Security	In proceedings of ACVIT-07 IEEE International Conference organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 28-30 Nov. 2007 pp 188-194
35.	Implementation of PCI Bridge	International Conference on Emerging

	using HDL.	Techniques in computery, Electronics, Embeded System & VLSI Design (ICEVD) organized by RVVP COE, Ahemadnagar. On 20-21 feb 2008.
36.	Implementation of Sub-bytes & shift rows Rijndael Algorithm in Verilog.	International Conference on Emerging Techniques in computery, Electronics, Embeded System & VLSI Design (ICEVD) organized by RVVP COE, Ahemadnagar. On 20-21 feb 2008.
37.	Implementation of 32 bit PCI Bus Interface using HDL.	International Conference on Emerging Microelectronics & Interconnection Technology (EMIT-08) at National Institute of Advanced Studies (NIAS) Bangalore on 15-18 Dec, 2008
38.	Rijndael (AES) Algorithm Implemented inVerilog	International Conference on Emerging Trends in Engineering (PICETE 2008), Pravara Rural Engg. College , 20-22 Dec 2008 pp-1057-1061
39.		INNOVATION 2008-09, Regional Conference for Pune University College Teachers held at SCOE Pune on 17 th & 18 th Nov 2008
40.	Network simulator and net beans IDE 6.8 for hybrid network analysis	i-COST electronics and communication conference proceeding, 13-15 Jan 2011, pp 7.52.1-7.5.6
41.	Omni-directional dual band [2.4GHz and 5.1 GHz] Micro-strip antenna for WLAN	International conference on Electrical and Electronics Engineering, 27 th Jan 2013, Goa. ISBN:978-93-82208-58-7.
42.	Match Score Integration of Iris and Fingerprint in Multibiometrics System	International Conference on Electronics and Communication Systems(ICECS'14), 13 th -14 th Feb 2014, IEEE, ISSN: 978-1-4799-2320-2/14, pp 136-140, DOI: 10.1109/ECS.2014.6892564
43.	Illegal Access Point detection using clock skews method in wireless LAN	Computing for Sustainable Global Development (INDIACom), 2014 International Conference on Date of Conference: 5-7 March 2014 Page(s): 724 - 729 Print ISBN: 978-93-80544-10-6 INSPEC Accession Number: 14382798 Conference Location : New Delhi DOI: 10.1109/IndiaCom.2014.6828057 Publisher: IEEE
44.	Wireless LAN Intrusion Detection (WLID) And	International conference on Computer Science and Mechanical Engineering held

	Prevention System for malicious Access Point	at Goa on 13 th July 2014.
45.	Wireless LAN Intrusion Detection (WLID) And Prevention System for malicious Access Point	Proceedings of 02nd ITR International Conference, 07th September-2014, Bhubaneswar, ISBN: 978-93-84209-50-6, pp 66-70
46.	Area optimization of cryptographic algorithm on less dense reconfigurable platform	IEEE International conference on Smart Structures and Systems, Chennai, ISBN: 978-1-4799-6506-9/17, 9 th Oct 2014,
47.	A Novel approach for elimination of Rough Access Point in Wireless Network	India Conference (INDICON), 2014 Annual IEEE, 11-13 Dec. 2014, Print ISBN: 978-1-4799-5362-2, Page(s): 1 - 4 DOI: 10.1109/INDICON.2014.7030418 Publisher: IEEE
48.	Wireless LAN Intrusion Detection And Prevention System for malicious Access Point	Bharati Vidhyapeeth's Institute of Computer Applications and Management, ISSN: 978-9-3805-4415-1, Vol.9, issue 2, 11 th -13 th March 2015
49.	Assessment of Course Outcomes (COs) in University affiliated engineering programs - case study of Course Outcome attainment	MOOCs, Innovation and Technology in Education (MITE), 2015 IEEE 3rd International Conference on Year: 2015 Pages: 112 - 116, DOI:10.1109/MITE.2015.7375299 Publisher: IEEE

- **Books:**

1. Mane P.B. and R. A. Barapate "Satelite TV and Video Technology.", 1st edition, 23rd Jan, 1998, Technolva Publication, Pune.
2. Mane P. B. "Communication System", Ist edition, 6th July 2000, Technova Publication, Pune.
3. Mane P. B. and C. B. Joshi "Consumer Electronics", 1st edition, 31st March 2001, Technova Publication, Pune.
4. Mane P. B. and J. S. Katre "Data Communication and Networks" 1st edition, 18th June 2003, Tech Max Publication, Pune.
5. Mane P. B. "Television & Video Engineering", 1st edition, 22nd Dec. 2003, Technova Publication, Pune.
6. Mane P.B. , Bormane D.S. and Itkarkar R.R. " Television Engineering Audio and Video systems" 1st edition, 2016, Wiley Publication.

- **Workshops and Seminar Attended:**

1. Seminar on Camcorder with LCD monitor (View Cam) and LCD Projector from 4th to 8th Sept.1995 held in Pune organized by the Association for Overseas Technical Scholarship, Japan implemented

- by Sharp Corporation in cooperation with Kalyani Sharp. India Ltd and The Ministry of International Trade and Industry, Japan.
2. Seminar on Compact Disc Player & Video CD Player from 24th to 28th June 1996 held in Pune organized by the Association for Overseas Technical Scholarship, Japan implemented by Sharp Corporation in cooperation with Kalyani Sharp India Ltd and The Ministry of International Trade and Industry, Japan.
 3. Programme on Industry-Institute Partnership sponsored by ISTE & AICTE and Conducted by VIT College Pune, from 23rd to 28th Dec. 1996.
 4. Basic PC Hardware Maintenance & Networking Workshop organized by Resource Centre, Indian Institute of Technology, Mumbai under project SSS-IMPACT, sponsored by Dept. of Electronics conducted at Pune, on 13th to 16th March 1999.
 5. Short Term Training Programme on Calibration organized by Vishwakarma Institute of Technology Pune from 9th March to 10th March 2000.
 6. Workshop on writing Thesis organized by Global Research & Training Foundation Pune, 5th Oct, 2003.
 7. Workshop on Wireless Communication at IIT Powai dated 27th, 28th March 2004.
 8. A Workshop Organized by MCCIA and Pune University on “Industry-Institute Partnership” on 20th, 21st Aug. 2005 in Devang Mehta Hall, Persistent Pune
 9. Workshop on Advances In Embedded System Technology organized by IEEE Pune sub section & TCS Pune on 21st Jan, 2006.
 10. A seminar organized by Interface Devices India pvt ltd and ronde and Schwarz India pvt. Ltd on vector networks analyzer on 13th Feb 2006
 11. Workshop on Computer Networks and Wireless Technology organized by MES College of Engg and Sigma Trainers Pvt Ltd on 28 and 29th June 2006.
 12. Workshop on Teaching Methodologies for B.E. SEM-II (E&TC/ Electronics) 2003 course for University of Pune organized by PICT, Pune on 25th Sept.2006.
 13. Workshop on Microwave Engg organised by PICT College on 26th Sept. 2006.
 14. Workshop on Structuring Proposed M.E. (E&TC) Syllabus for University of Pune organized by RSCOE, Pune on 18th Dec 2006.
 15. Workshop on Teaching Methodologies in Telecom Network & Management organized by I2IT Pune on 13th Jan 2007.
 16. Workshop on Audio of Video Engg organised by D. Y. Patil Institute of Engg. & Technology Pune on 23rd Jan 2007.
 17. Seminar on VLSI and Embedded Systems organised by PVG College of Engg on 29/6/2007.
 18. Agilent Education Symposium 2007 organised by Agilent Technologies on Sept. 4 2007.

19. Multipurpose Lab Station organised by Agilent Technologies & Marathwada Mitra Mandal COE on 4th Feb 2009.
20. Participated in 'One day workshop on train the trainers for Principles /teachers' held at University of Pune during 22nd and 23rd May 2009.
21. Participated in Annual Workshop organized by Student welfare organization held on 11th Sep 2009.
22. Participated in National Level workshop on "Problem and Project Based learning" organized by Sinhgad Institute of Technology, Lonavala.
23. Attended one day workshop on "Examination system" organized by Nowrosjee Wadia College, Pune in association with University of Pune on 26th Feb 2014.
24. Participated in the Principals/Directors Workshop of Savitribai Phule Pune University, Pune held on 3rd to 5th May 2015 at Sinhgad Institutes, Lonavala.

- **Research Interest:**

- Wireless Communication
- Computer Network

- **Professional Affiliations:**

- FIETE
- LMISTE
- ISA(Member)
- IJERIA
- CSI(Member)

- **Industrial Experience:**

- **Job Responsibilities:**
 - Performance of "Authorized Philips Service Center"
 - Customer Complaints
 - Quality Feedback and Reporting
 - Conducting Training Courses
 - Technical Reports on Defective Damaged sets at Dealer Premises and Depot
 - Spare Part Availability at Distributor and Stockiest.
 - Special Task – Free Check UP Campaign.

Pradeep B. Mane