

## FACULTY PROFILE



**1. Name in full:** Dr.Premchand Bhagwan Ambhore

**2. Communication Address:**

Dr. Premchand Bhagwan Ambhore

1-A, AksharGurha Nirman Society Gulhanenagar, V.M.V. Road Amravati (Maharashtra State-444604) India, [pbambhore@rediffmail.com](mailto:pbambhore@rediffmail.com) [pbambhore@yahoo.com](mailto:pbambhore@yahoo.com) [pbambhore@gmail.com](mailto:pbambhore@gmail.com)

Mobile Number-9049360052

**3. Permanent Address:** At/Post Sasti. Tq.Patur Distt. Akola (M.S.)

**4. Sex:** Male

**5. Nationality:** Indian

**6. Teaching Experience:** More than 22Years,

**7. Educational Qualification:** B.E, M.E, MIE, PhD, (Computer Science and Engineering),

**8 Details of Qualification:**

Sr. No.	Examination Passed/Degree	Name of the Institute/Board/University	Class	Date of Passing.
1	B.E.(Computer Science & Engineering )	Government College of Engineering, Amravati	First	June-1995
2	M.E.(Computer Science & Engineering )	Amravati University	First	July-2004
3	Ph. D (Computer Science & Engineering	Government College of Engineering, Amravati	Vide Notification 65/2015	July 2015
4	Ph. D (Entrance Exam.)	Amravati University	First	May-2007
5	MS-CIT	Mumbai (M.S.)	First	Oct-2004

## 9. Project Done

**BE Project Title:** “Homeopathic system.”

**ME Dissertation Title:** “Tool for development of java application using UML.”

**ME Seminar:** Introduction to UNIX operating system, Artificial Intelligence,  
Data Comparisons Techniques, Image Processing and UML.

**PhD Thesis:** “CARAPACE FOR INTRANET SECURITY”

**10. Teaching Experience:** More than 25 Years,

Name of the employer	Position held and year	Level at which taught discipline	Subject taught
1. Govt. College of Engineering, Amravati.	Lecturer (1/7/1996-1/2/2000) (Temporary visiting Lecturer )	Undergraduate level	1. Numerical Methods. & Computer Programming 2. System Analysis & Design
2. Govt. College of Engineering, Karad.	Lecturer (2/2/2000-31/5/2000 & 4/8/2000-11/2/2002) <b>(ad hoc-basis)</b>	Undergraduate and Postgraduate level	3. Computer Organization. 4. System Programming. 5. Object Oriented Modeling & Design (3 to 5 subject at MCA Level)
3. Government College of Engineering, Amravati.	Lecturer (29/10/2003-26/7/2004) 8000/- <b>(Contract-Basis)</b>	Undergraduate level	6. Artificial Intelligence. 7. Advance Database Management System. 8. Application Software. (8 to 13 subject at BE Level)
4. Dr. Panjabrao Deshmukh Polytechnic, Amravati (Government Aided –	Lecturer (27/7/2004 to 05-01-2011)	Diploma level	9. Network Management 10. Computer Peripheral & Interfacing.

Institute )	15600-39100 GP-60000 <b>(Permanent)</b>		11. Database Management System. 12. Computer Network. (1,2,6,7,14 to17, subject at Diploma Level)
5. Government College of Engineering Amravati.	Assistant Professor 06/01/2011 is joining Date as per the government resolution dated 01-01-2011 To Till Date (MPSC)	Undergraduate Level & PhD Level	13.System Programming 14.Network Administration & Security (Subject at Degree Level) 15. Research Methodology (Subject at M.Tech Level) 16.Research Methodology (Subject at PhD Level)

### **11. Software Project Guided Experience:**

I have guided PhD (Computer Science & Engineering) (04) and M.Tech (Computer Science & Engineering)(03) and B.E./B.Tech (Computer Science & Engineering) and MCA (Engineering) projects (40+) and Diploma in Computer Engineering (34) was involved in analysis and design and testing of the software project of the students. The projects are guided in the various subjects such as databases, networking, security, data warehousing. Government College of Engineering, Karad. Dr.Panjabrao Deshmukh Polytechnic, Amravati. Government College of Engineering, Amravati.

### **12. Administrative Experience:**

- 1) Chairman in one of the session of National Conference on recent trend in Unified Modeling Language Concept and practice. 25-26 March 2004 at Madurai (Tamilnadu states).
- 2) Participated in the MSBTE Paper Setting and Paper checking.3) Recognized by other Universities as External Examiner for BE projects and MCA (Engineering).
- 4) Participated in the MSBTE as a Controller of Examiners 03 times (MSCIT).
- 5) Participated in the MSBTE (RBTE Representative) for External Monitoring Committee.
- 6) Participated in the Additional RAC work, W/2004, S/2004, S/2005, and S/2007.

- 7) RBTE appointed as an External Examiner and Internal Examiner.
- 8) Participated in the Admission Counseling from 2004 to 2006.
- 9) Participated in the Sports event in charge.
- 10) Participated in the University Paper Setting (10 Paper) as a chairman of the Following subject: Artificial Intelligence, Computer Graphics, Theory of Computational, Object Oriented Modeling and Design, from Government College of Engineering, Karad.
- 11) Participated in the University Examination Duties (More than 260duties).
- 12) Participated in the MSBTE Examination Duties. (25 Duties).
- 13) As a Computer Expert to take some interviews.
- 14) As a Vice –president of Bachelor of pharmacy admission during 2004-05
- 15) Participated in the MSBTE examination as a Controller of Examiners 03 Time (Summer/2008, Winter/2008, Summer/2009).
- 16) Participated in the Autonomous Institute level Examination Duties (20)
- 17) Committee Chairman to take some interviews
- 18) As a Coordinator of AQIS (AICTE)
- 19) As a Coordinator of Extension of Approval in the year 2018-19(AICTE)
- 19) As a Coordinator of M.E/ M.Tech Admission in the year 2018-19(CET Cell Maharashtra)
- 20) College appointed as an External Examiner and Internal Examiner.
- 21) Participated in the Institute level examination as a Coordinator of Examination 01Time (Winter/2017)
- 22) Participated in the college level examination Paper Setting (6 Paper)
- 23) As a Coordinator of M.E/M. Tech Admission in the year 2018-19
- 24) As a Coordinator of Extension of Approval in the year 2019-20 (AICTE)
- 25) As a Coordinator of AISHE in the year 2018-19, year 2019-20
- 26) As a Institute level act as a Head of Datacenter year 2019-20
- 27) As a Institute level Member Secretary in Online Teaching Learning Preparedness Committee in the year 2020-20.

**13. Visiting Faculty:** Visiting faculty for the subjects C Language, UML, System Analysis and Design, Advance Database Management System in reputed institute for Undergraduate Courses and Diploma Courses.

#### **14. Courses organized and resource person at other places**

- 1) Object Oriented Analysis and Design -2 Courses organized at Computer Department, GCOE, and Karad. (M.S.) India.
- 2) Resource Person for 2-Courses-Network Security and Time Operating System at Dr.Babashaeb Ambedkar Tecnological University, Lonere.(M.S.) India.
- 3) Delivered lectures for 2-Courses –OBJECT ORIENTED ANALYSIS AND DISTRIBUTED SYSTEM, UNIFIED MODELING LANGUAGE, Institute of Technology and Engineering at Malegaon Baramati. (M.S.) India.
- 4) Delivered TWO seminars “Introduction to Unified Modeling Language and Introduction to Java Programming, at Computer Engineering Department, Government College of Engineering Amravati.

#### **15. Technical Knowledge and Courses and Practical Done**

- 1) “Campus Wide Area Network Administration ”AICTE-ISTE Sponsored STTP, organized by Department of Computer Engineering and Information Technology, Dr. Babashaeb Ambedkar Technological University, Lonere- 402103, Dist. Raigad (Maharashtra) during 13 Jan to 25 Jan. 2003.
- 2) Two Day Workshop on “Object Oriented Modeling and Design “Organized by Department .of Computer Engineering, VJTI Mumbai, during 7th, 8<sup>th</sup> February 2004.
- 3) ”Impact On Power System Operation and Protection”AICTE-ISTE Sponsored STTP, organized by Department of Electrical Engineering, Government College of Engineering Amravati (Maharashtra) during 10-14 April 2006.
- 4) ”Recent Trends in Energy and Environment” TEQIP Sponsored STTP, organized by Department of Electrical Engineering, Government College of Engineering Amravati (Maharashtra) during 17-21 April 2006.
- 5) ”Power Quality” TEQIP Sponsored STTP, organized by Department of Electrical Engineering, Government College of Engineering Amravati (Maharashtra) during 24-28 April 2006.
- 6) “Information Security and Forensic Analysis” One week STTP Organized by VJTI Mumbai during 21th October to 25 th October 2013
- 7) “Research Methodology” AICTE- Sponsored STTP, organized by Department of Information Technology, Government College of Engineering, Amravati-444604 (Maharashtra) during 21 Jan to 25 Jan. 2018.

- 8) ICT based Short Term Training Program on ‘Problem Based Learning’ during June 25-29, 2018 Organized by NIITTR, Kolkata
- 9) “ Innovative Teaching & Research Methods” AICTE- Sponsored STTP, organized by Department of Information Technology, Government College of Engineering, Amravati-444604 (Maharashtra) during 3<sup>rd</sup> April to 7<sup>th</sup> April 2018.
- 10) “Internet of Things (IoT) Research Initiative” AICTE- Sponsored STTP, organized by Department of Computer Science and Engineering , Government College of Engineering, Amravati-444604 (Maharashtra) during 10<sup>th</sup> December to 15<sup>th</sup> December 2018.
- 11) “Big Data Analytics” AICTE- Sponsored STTP, organized by Department of Computer Science and Engineering , Government College of Engineering, Amravati-444604 (Maharashtra) during 3<sup>rd</sup> December to 8<sup>th</sup> December 2018.
- 12)“Signal Processing for Engineers” AICTE- Sponsored STTP, organized by Department of Electronics Engineering , Government College of Engineering, Amravati-444604 (Maharashtra) during 19<sup>th</sup> November to 24<sup>th</sup> November 2018.
- 13)“Water Resources Optimization & Water Use Efficiency Techniques\_” AICTE- Sponsored STTP, organized by Department of Electronics Engineering , Government College of Engineering, Amravati-444604 (Maharashtra) during 4<sup>th</sup> Feb to 9<sup>th</sup> Feb 2019.
- 14) ICT based Short Term Training Program on “Problem Based Learning” during May 20-31, 2019 Organized by NIITTR, Kolkata
- 15) ICT based Short Term Training Program on “Introduction to Network Security” during June 24-28, 2019 Organized by NIITTR, Kolkata
- 16) Online Faculty Development Programme on Matlab Applications Engineering and Science (MAES – 2020) organized by Government College of Engineering Karad, April 27 to May 01,2020
- 17) Online Faculty Development Programme on “Research Methodology and Tools “ organized by Sandip Institute of Technology and Research Center Nashik. May11 -15 ,2020
- 18) Online Faculty Development Programme on Machine Learning and Deep Learning Applications in Engineering & Science (MLDLAES – 2020) organized by Government College of Engineering Karad, May16-20 ,2020
- 19 )Online Faculty Development Programme on Signal, Image & Video Processing: A Practical Approach (SIVPAPA – 2020) organized by Government College of Engineering Karad, May 26-30,2020

- 20) Two days national workshop on Trends in cyber security organized by Rajiv Gandhi Institute of Technology Mumbai, June 13-14, 2020
- 21) Online Faculty Development Programme on Accreditation to Engineering Professionals and Ethics at Government College of Engineering, Nagpur. 8 July-12 , 2020
- 22) Online Faculty Development Programme on NBA Accreditation and Process organized by Mechanical Engg. Department NIT Agartala. February 8-12, 2021
- 23) Online Faculty Development Programme on Trends and Innovations in Healthcare at Vishwakarma Institute of Information Technology during October 25-29,2021

## **16. Research/Technical Paper Presented/Published National/International conferences)**

### **International Journals**

1. **Premchand Ambhore, Archana Wankhade**, “Disk Based Forensics Analysis” IOSR Journals of Computer Engineering Volume 20 Issue 2 March/April 2018, pages 389-392.
2. **Premchand Ambhore, Archana Wankhade**, “Proxy Server FOR Intranet Security” International Journals of Current Engineering and Technology Volume 8 No.2 March/April 2018, pages 1-14.
3. **Premchand Ambhore, Dr.B.B.Meshram** “Carapace for Intranet Security of Linux Hardening” International Journal of Current Engineering and Technology Volume5, No 2 April 2015, pages 659-672.
4. **Premchand Ambhore, Dr.B.B.Meshram** “Carapace for Intranet Security of Cryptography” International Journal of Current Engineering and Technology Volume4, No 6 December 2014, pages 452-457.
5. **Premchand Ambhore, Dr.B.B.Meshram** “Carapace for Intranet Security of Data Communication Layer” International Journal of Current Engineering and Technology Volume4, No 6 December 2014, pages 3961-3965.
6. **Premchand B. Ambhore, Dr.B.B.Meshram** “Intrusion Detection System for Intranet Security” International Journal of Advanced Research in Computer Science and Software Engineering Volume4, Issue 7 July 2014, pages 626-631.
7. **P.B.Ambhore, B.B.Meshram** “The Robust firewall for Intranet Security” International Journal of Networked and Distributed Computing (IJNDC) - (would be indexed by SCI and EI) Hawaii, U.S.A.

8. **P.B.Ambhore**, B.B.Meshram “General IPS: Carapace for Campus Wide Network in Intranet ” International Journal of Computer Science and Network Security, Vol.13 No.10, October 2013. [ISSN 1738-7906].
9. **P.B.Ambhore**, B.B.Meshram “The Robust firewall for Intranet Security” International Journal of Networked and Distributed Computing (IJNDC) - (would be indexed by SCI and EI) Hawaii, U.S.A.
10. **P.B.Ambhore**, B.B.Meshram “Robust Cryptographic Algorithms ” International Journal of Network Security and its Application (IJNS) - (would be indexed by SCI and EI) Hawaii, U.S.A. Submitted.
11. **P.B.Ambhore**, B.B.Meshram “Harding Linux Intranet Security ”American Journal of Engineering Research” (AJER) e-ISSN: 2320-0847 p-ISSN: 2320-0936.
12. P.B.Ambhore, A.D.Wankhade, B.B.Meshram ‘Application Layer Firewall for Intranet Security’ International Journal of Computer and Electronics Engineering. (PRINT ISSN: 0975-4202) Dec 2012.
13. P, B. Ambhore, A.D Wankhade, B.B.Meshram ‘Carapace for Intranet Security of Data Communication Layer ‘International Journal of Computer Networks & Communications (IJCNC) ISSN: 0974 - 9322(Online), 0975- 2293 (Print) Submitted Oct.2013.
14. P.B.Ambhore, A.D.Wankhade, B.B.Meshram ” Protection of public Network Communication by using Internet Protocol Security” International Journal of Computer Science Issues, Vol. 02, No. 03, 2010, 493-499 May 2010.

### **International Conferences**

15. Premchand Ambhore, Archana Wankhade, B.B.Meshram “The Hybrid Firewall Carapace for Intranet Security” IT4D August 2018, Kathamadu Nepal.
16. Premchand Ambhore and Archana wankhade “A Comparative analysis of robust Intrusion Detection System& Robust Prevention System ICCSDET 2018 IEEE International Conference on Circuits and Systems in Digital Enterprise Technology|21st & 22nd DEC. 2018|submitted and selected
17. **P.B.Ambhore**, B.B.Meshram’ The Hybrid Firewall Carapace for Intranet Security’ International Journals of Network Security and its Application ISSN: 0974-9330 (Online); 0975-2307(print) Springer 2013.



18. **P.B.Ambhore**, B.B.Meshram “The Robust Firewall For Intranet Security 14<sup>th</sup> IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributing Computing (SNPD2013) Honolulu USA.1--2 July 2013.
19. **P.B.Ambhore**, A.D.Wankhade, B.B.Meshram ‘Application Layer Firewall for Intranet Security’ VVP ITES International Conference December 22 to 23, 2012, at Rajkot- Gujarat.
20. **P.B.Ambhore**, V.B.Waghmare B.B.Meshram “Implementation of Object Oriented Database Security” IEEE International conference SERA 2007 at Bhusan Korea.20-22 August 2007.
21. **P.B.Ambhore** , B.B. Meshram, V.B. Waghmare, “Network Design Security and Management”, International Conference On Emerging Technologies and Applications In Emerging Technology and Sciences ,13-14 January 2008 , Computer Science Department, Saurashtra University, Rajkot, Gujarat(India).
22. **P.B.Ambhore**, Ku.A.D.Wankhade, V.B.Waghmare “Network Security and Cryptography” International conference at Engineering College of Bikaner (Rajasthan) during 24, 25 March2007.
23. **P.B.Ambhore**, B.B. Meshram, “Object Oriented Database Security” International conference at Engineering College of Bikaner (Rajasthan) during 24, 25 March2007.

#### **National Conferences**

24. P.B.Ambhore, B.B.Meshram and A.D.Wankhade “Most Modern Firewall Distinguish Packet Filtering and Proxy Server Services” National level Conference on Network Infrastructure Management Systems at Veermata Jijabai Technological Institute Matunga, Mumbai, 2010.pp.117.
25. **P.B.Ambhore** and Prof.V.B.Waghmare “Tool for development of Object Oriented Modeling and Design” at AICTE Sponsored National Conference for TCTE-2004, Sant Harchand Singh Longowal Central Institute of Engineering and Technology, Longowal-148106 (Formally known as SLIET) Dist. Sangrur, Panjab (India) during October 15-16, 2004.
26. **P.B.Ambhore**, M.S.Ali and Dr. B.B.Meshram, ”Tool for Development of java application using Unified Modeling Language “at AICTE Sponsored 2-Day National Conference on UML Based Design Environment, Department of Information Technology, Thiagaragar College of Engineering, Madurai-625015 during March25-26, 2004.

## **State level Conference**

27. **P.B.Ambhore** and others “GOLBAL SYSTEM FOR MOBILE COMMUNICATION” State Conference at Bharti Vidyapeeth, Institute of Technology and Engineering Pune.
28. **P.B.Ambhore** and others “WORLD WIDE WEB” State Conference at Bharti Vidyapeeth, Institute of Technology and Engineering Pune.  
Recognition of Supervisor/Advisor for Ph.D. in Computer Science and Engineering

## **17. Books Written.**

- 1) Computer Security for final year diploma of Computer Engineering and Information Technology (VBD PUBLICATION), Nagpur.
- 2) Software Engineering for final year diploma of Computer Engineering and Information Technology (VBD PUBLICATION), Nagpur.

## **18. Editorial Board Member**

1. Second International Conference of Data Mining and Knowledge Management Process (CDKP-2013) November 02-02,2013 Venue: Coral Deria-Dubai, Dubai, UAE.
2. Working as a Member of the IJSER(International Journals of Scientific and Research [http://www.ijser.org/editorial board\\_page13.aspx](http://www.ijser.org/editorial_board_page13.aspx))
3. Worked as Editorial Board Member of Advances in Vision Computing(AVC)
4. Working as Editorial Board Member, International Journal of Artificial Intelligence And Development (Technologies for Artificial Intelligence)2020.

## **19. International Conference Organizer and Technical Committee Members**

1. Working as a Outreach Committee Member “International Conference on Artificial Intelligence and Robotics (ICAIR-19)” on 23rd & 24th August 2019 at Mumbai. <http://www.icar.in>
2. Advisor Committee Member “International Conference on Chip, Circuitry, Current, Coding, Combustion & Composition (I7C-2019) on 28<sup>th</sup> -29<sup>th</sup> November 2019 at SSCE, Bengaluru. <http://www.i7c.in>
3. Working as a Outreach Committee Member 3rd International Conference on Latest Trends in Engineering and Management (ICLTEM-21) will be held on 26th - 27th February 2021 at Pune, <https://icltem.com/index.php>
4. Worked as Member of IJSER(International Journal of Scientific & Research) [http://www.ijser.org/editorial board\\_page13.aspx](http://www.ijser.org/editorial_board_page13.aspx)

5. Worked as International Conference Outreach committee for International Conference on Advances in Engineering, Science and Management (ICAESM-2020) held on 29-30 April 2020
6. Working as International Conference Outreach committee for International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2021) will organized on 29-30 January 2021
7. Working as International Conference Outreach committee member for 3rd International Conference on Latest Trends in Engineering and Management (ICMCSI 2021) will organized on 26-27 February 2021
8. Contributed as Reviewer and Technical Committee Member for “International Conference and Journals Namely IEEE, Science Direct, Elsewhere, Open Access Journals, Scopus Journals.

## **20. Professional Body Membership**

1. Association of Computers and Information Studies (ACIS).
2. Association for Computer Machinery (ACM), USA.
3. International Association of Engineers (IANEG), Hong Kong.
4. International Association of Computer Science and Information Technology (ACSIT), Singapore.
5. Association of Computer Electronics and Electrical Engineers, India.
6. Associate Member of Institute of Engineers (India).
7. Life Member of Computer Society of India.
8. Indian Society for Technical Education.
9. Life Member of Scientific Research gate.
10. Life Member of Association of Computer International study.

**Dr. Premchand Bhagwan Ambhore**

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