

RESUME

Dr.Pravin Suresh Rao Rahate

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Summary:

- Total experience : **18 years**
- Approved Post Graduate (PG) Teacher in Computer Engineering, Mumbai University.
- PG (Computer Engineering) Dissertation Guided: **04**, Status : **Degree Awarded**
- Result oriented professional with strong background in Interactive teaching-learning process and augment methodologies.

Experience:

- Working as an Assistant Professor in the department of Computer engineering with Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai since November 01, 2022.
- Worked as an Assistant Professor in the department of Computer engineering with Datta Meghe College of Engineering, Airoli, Navi Mumbai from April 01, 2011 to October 31, 2022.
- Worked as a Lecturer in the department of Computer engineering with Datta Meghe College of Engineering, Airoli, Navi Mumbai from July 01, 2005 to March 31, 2011.

Educational Qualification:

- Ph.D.(Computer Science & Engineering) from Madhyanchal Professional University, Bhopal, Madhya Pradesh in August 2022.
- M.E. (Computer Engineering) with distinctions from Mahatma Gandhi Mission's College of Engineering & Technology, Navi Mumbai, Mumbai University in May 2011.
- B.E. (Computer Science & Engineering) with 62.30 % from Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Amravati University in July-2003.

Achievements:

University Level:

- Member, Syllabus Revision Committee, R-16 for Advanced Data Structure and Analysis of Algorithm.
- Faculty, for Accounting & Finance Management (AFM) and System Analysis & Design (SAD) – of Master of Computer Application (MCA) under Institute of Open & Distance Learning (IODL) cell of University of Mumbai, Mumbai in 2009-10.

Institute Level:

- Member, Start-Up Cell under Institution's Innovation Council for AY 2021-22.
- Reviewer, International Conference on Advanced Trends in Engineering (ICATE- 2017) organized by Datta Meghe College of Engineering, Navi Mumbai.

- Senior Supervisor, Examination Cell, Datta Meghe College of Engineering for Second Half 2013 and First Half 2014.
- CAS Monitor, Examination Cell, Datta Meghe College of Engineering for Second Half 2011 and First Half 2012.
- Co-ordinator, Infosys Campus Connect Program (An Infosys Industry-Academia Partnership Program), Datta Meghe College of Engineering from 2007-08 to 2010-11.
- Faculty, for the module Problem Solving Techniques (PST) – of Infosys Campus Connect Program (An Infosys Industry-Academia Partnership Program) Generic3 for 2009-10 and 2010-11.
- Organizer, Short Term Training Program (STTP 2009) on “Accreditation & ISO Certification of technical Institutions” organized by Datta Meghe College of Engineering, Navi Mumbai.
- Faculty, for the two modules – Object Oriented Concepts(OOC) and User Interface Design(UID) of Infosys Campus Connect Program (An Infosys Industry-Academia Partnership Program)in the year 2006-07,2007-08 and 2008-09.

Department Level:

- Co-ordinator, Faculty Development Program (FDP), Department of Computer Engineering for AY 200-21 and 2021-22.
- Co-ordinator, Technical Event, Department of Computer Engineering for AY 2015-16.
- Co-ordinator, Final Year Project, Department of Computer Engineering for the AY 2012-13 and 2013-14.
- Member, an ISO 9001:2000 Certification Program in 2009-10.
- Member, Technical Support Committee, National Conference on Trends in Advance Computing (NCTIAC-2007) organized by Department of Computer Engineering, Datta Meghe College of Engineering, Navi Mumbai.

Training:

- Successfully completed “Outcome Based Education” Certification in June 2020.
- Successfully completed “Introduction to R Software” course (13 week) from NPTEL.
- Participated in the Faculty Development Programme on “Storage Area Network, Knowledge Management, Emerging Wireless Technology & Project Management” conducted by Tata Consultancy Services at TCS-YANTRA PARK, Thane.
- Successfully completed one week Faculty Training and Development Program under PLEDGE (Patni Learning Edge) held at Patni Computer Systems, Navi Mumbai.
- Successfully completed two weeks Faculty Enabled Program (FEP) held at Infosys Technologies Ltd.Pune conducted by Infosys Technologies Ltd.
- Completed a five days training on OOAD Using UML with Fundamentals of Rational Rose conducted by ZenSoft Services Pvt. Ltd. On the behalf of IBM Software.
- Completed a three days training on Math tool – MATLAB.

Papers Published :

International Journal : 08

National Journal : 01
International Conference : 08
National Conference : 05

International Journal:

- Pravin S.Rahate, Dr.Harsh Mathur, Dr. Kalpana Rai," An Enhanced and Pertinent System for the Early Detection of Diabetic Retinopathy", **International Journal of Research and Analytical Reviews (IJRAR)**, Volume 9, Issue 1, March 2022,E-ISSN :2348-1269,Pages 765-771.
- Pravin S. Rahate, Dr. Nikhat Raza, "A Machine Learning Approach for the Diagnosis of Diabetes: A Review", **International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)**, Volume 6, Issue 2, April 2020, 509-516.
- Mr. P. Rahate, K. Mane, K. Gadge, "Human Pose Estimation Using Wireless Signals", **International Journal of Creative Research Thoughts (IJCRT)**, 2020,Volume 8, Issue 6 June 2020,ISSN: 2320-2882, pp2756-2761.
- Sankalp Nilekar, Sudeep Rawat, Rahul Verma, Pravin Rahate, " Twitter Trend Analysis", **International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)**, 2020, Volume 6, Issue 3, ISSN:2456-3307,DOI :<https://doi.org/10.32628/CSEIT20637>.
- Vibhav Mayekar, Sanjot Tandel, Ajay Bhan, Pravin Rahate "Restaurant Startup Evaluator", **International Research Journal of Engineering and Technology (IRJET)**, Volume: 06, Issue: 04, Apr 2019, e-ISSN: 2395-0056, p-ISSN: 2395-0072.
- AKshada Bhanushali, Pravin Rahate, "An Efficient Approach to Reduce Text Dimension for Precise Text Classification for Big Data", **International Journal of Innovative technology and exploring Engineering (IJITEE)**, Vol.7, Issue 11, Aug-2018, (ISSN: 2278-3075), Page 1-4.
- Sagar A. Yeshwantrao, Vilas J. JAdhav, Pravin S.Rahate; "Shared Cryptographic Scheme with Efficient Data Recovery and Compression for Audio Secret Sharing", **IJETAE, International Journal, Online, Feb. 2014**, http://www.ijetae/files/Volume4Issue2/IJETAE_0214_68.pdf.
- Pallavi Kalyane, Sachin Chavan, Pravin Rahate; "Filtered Wall : An Automated System to Filter Unwanted messages from OSN User Walls", **IJCSCMC, International Journal, Volume 3, Issue 2, Feb.2014**.

National Journal:

- Ankit Jain, Rajiv Khasgiwala, Nikhil Khedekar, Pravin Rahate; "An Efficient Android Based Framework for Business Card Manager Through OCR";**Indian Journal of Technical Education (Special Issue)** Volume 39, Number(1), Jan-Mar,2016; ISSN 0971 – 3034.

International Conference:

- Pravin S.Rahate, Dr. Nikhat Raza," LIME Based Explainable Framework for the Detection of Diabetic Retinopathy", **International Conference on Advances in Science, Engineering and Technology (ICASET- 2021)**, Puducherry, 29th - 30th December 2021, ISBN: 978-93-92105-24-1,p33.
- Pravin S. Rahate, Dr. Nikhat Raza; "An Interpretable Machine Learning Framework for the detection Diabetic Retinopathy", **International Congress on Modern Education and Integration (ICMEI 2021)**, International Engineering Journal For Research & Development (IEJRD), Vol.6, November 2021,E- ISSN : 2349-0721,1-6.
- AKshada Bhanushali, Pravin Rahate, "An Efficient Approach to Reduce Text Dimension for Precise Text Classification", **International Conference on Recent Developments in Computer & Information Technology (ICRDCIT)**, April 03, 2018, ID-RDCIT-MMBI-03048-562.
- Pallavi Kalyane, Sachin Chavan,Pravin Rahate; "Classification Mechanism to avoid unwanted messages on OSN user walls",Equinox'14, **International Conference**, Navi Mumbai (India), Sept.30 - Oct.1, 2014.
- V.Bagdure, V.Halsure,Pravin Rahate; "Group Manager Revocation Based Multi-Owner Data Sharing for Dynamic Cluster in the Cloud", ICCCCS, **International Conference**, Pune (India), Feb. 5-6,2014, paper id CCCSPUN-02024-228.
- Pravin S. Rahate, Avinash D.Gawande, Dr.Sudhir D.Sawarkar; "An Efficient Architecture of Artificial Neural Network for the Medication of Allergic Rhinitis", ICCET 2010, **International Conference**, Jodhpur (India),Nov. 13-14,2010, CET3400.5.307.
- Pravin S. Rahate, Dr.Sudhir D.Sawarkar,Rajesh D.Kadu,Madhura M.Phadke; "A Decision Support System for the Medication Of Allergic Rhinitis Using Artificial Intelligence ", CSCIT2010,**International Conference**, Nanded (India),Jan.09-11,CSCITOP161.
- Pravin S. Rahate, Satish N. Khawshe, Manoj D. Patil;"Implementing SAP methodology to Streamline Business Processes", ICAC 2008, **International Conference**, Chikhali (India), Feb.21-22, POS 82.

National Conference:

- Pravin S. Rahate, Manoj D. Patil,Subodh S. Karve; "Software Usability Testing using Heuristic Evaluation Method", NCCITA 2008, **National Conference**, Thane(M.S.),Jan.17-18, pp-99.
- Pravin S. Rahate, Subodh S. Karve,Nitin K. Kamble; "Congestion Control and Charging by Global Positioning System" ,NCCITA 2008, **National Conference**, Thane(M.S.),Jan.17-18, pp-99.
- Pravin S. Rahate, Prashant Y. Itankar Subodh S. Karve,Nitin K. Kamble,"Pattern Based Approach for SCM in parallel System Development", NCTIAC 2007, **National Conference**, Navi Mumbai(M.S.), Dec.28-29, pp A-31.
- Pravin S. Rahate, Prashant Y. Itankar Subodh S. Karve, Satish N. Khawshe;"Effective Use of ERP in TeleCommunication Industry", NCTIAC 2007, **National Conference**, Navi Mumbai (M.S.), Dec.28-29, pp A- 33.
- Pravin S. Rahate, Nikhilesh Joshi, Subodh S. Karve;"E-learning: An Advanced Learning Technique", NCTIAC 2007, **National Conference**, Navi Mumbai (M.S.), Dec.28-29, pp A- 17.