

FACULTY PROFILE



Mrs. Anjali M. Dalvi

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Designation: Assistant Professor & Head of Department

Educational Qualification: PhD (CSE) Pursuing, SVNIT

Experience in Years: 17 Years

Research Area: Data Mining, Machine Learning, Big data Analytics.

Professional Memberships:

Society	Membership No.
Life Member, The Indian Society for Technical Education	LM 65672

Subject Taught:

Advance Data Structures, Database Management System, Software Modelling & Design, Software Testing & QA, Pervasive Computing, Principles of Compiler Design, Computer Networking, Software Architecture, Data Mining and Warehousing Data structure and problem solving, Software Engineering, Principles of programming Language, Data Communication and networking ,Object Oriented Programming Language ,Data Structure & Files, Management Information System, Operating System , etc.

Professional Development

Workshop/ Seminar/ STTP/FDP Attended:

- Attended TE QIP Sponsored Short Term Training Programme on HPC from 27 to 31 May 2019 at Sardar Vallabhabhai National Institute of Technology, Surat.

- Attended AWS Academy Meet 2019 Meet held by ICT Academy meet on 26th March 2019 at Pune.
- Attended Two Days **IEEE** International Conference on Intelligent System and Information Management 2017 at JNEC Aurangabad
- Attended Two Days **Elsevier** International Conference on Computational Intelligence & IoT 2018 held at **National Institute of Technology Agartala, Tripura.**
- Attended Seminar on PYTHON under CSI Student chapter at SRTTC FoE on 25th March 2019.
- Presented paper entitled “A Review of Techniques to Combat the Peril of Fake News” in **IEEE** 4th International Conference on Computing Communication and Automation at School Computing Science & **Engineering Galgotias University, Noida.**
- Attended State Level Workshop on "Emerging Trends on IoT" on 6th Jan. 2018 at SRTTC FoE.
- Attended Savitribai Phule Pune University & CEDA Organized One Day Workshop on Academic and Administrative Audit on 26 July 2017 at Savitribai Phule Pune University.
- Attended National Conference “EEM-08”, at I.T. Dept, Rajarshri Shahu College of Engg
- One Week workshop “Mission -10 X” of Wipro on High At Rajarshri Shahu College of Engg. Pune
- 2 Days State Level Seminar on “Research methodologies” ,On 16th -17th January 2015 at SBPCOE ,Indapur
- One week workshop on “Computer Networking“, ,Organized By IIT Bombay
- One Week workshop on “Computer Programming “, ,Organized IIT Bombay
- Two weeks workshop on “Cyber Security“, ,Organized By IIT Bombay
- Attended two days training on ISO at S. B. Patil College of Engineering and through examination certified as ISO auditor.
- Participated in Faculty Development Programme on 24 Nov 2012 at RSCOE ,Pune conducted by Tata Consultancy Services.
- Participated in ISTE Approved State Level Faculty Development Programme from 6 to 8 April 2012 at RSCOE Pune.
- Attended Syllabus revision Workshop of Advance Data Structure at MIT COE Pune on 15 Dec. 2016.

Research Contribution

Conference /Journal / Patents / Book Publications:

- Attended & Presented paper entitled “Random Forest Classifier Approach for Imbalanced Big Data Classification for Smart City Application “at National Institute of Technology, Agartala, Tripura on 15 December 2019. <https://www.ssrn.com/link/IJCIIOT-PIP.html> **ELSEVIER-SSRN (ISSN: 1556-5068).**

- Attended & Presented paper entitled “Predicting the Veracity of Fake News on Smart Media for Reducing Misinformation on Diffusion “at National Institute of Technology, Agartala, Tripura on 15 December 2019. <https://ssrn.com/abstract=3354570> **ELSEVIER-SSRN (ISSN: 1556-5068).**
- Published paper entitled “A Review of Techniques to Combat the Peril of Fake News” in **IEEE** 4th International Conference on Computing Communication and Automation at School Computing Science & Engineering Galgotias University, Noida. **2018**
- Published paper entitled” Improvised IoT Based Smart System for Recognition and Recommendation of Parking Places”,in Journal of Emerging Technologies and Innovative Research, ISSN- 2349-5162,2019.
- Published paper entitled “Automation of Fuel Measurement And Air Pressure In The Wheel based on IoT Technology”, in Journal of Emerging Technologies and Innovative Research, ISSN- 2349-5162,2019.
- Published paper entitled “Emergency Drone Services Using Hive Mind Technology”, in Journal of Emerging Technologies and Innovative Research, ISSN- 2349-5162,2019.
- Published paper entitled “Design and Evaluation of Network –Levitated merge for Hadoop Acceleration “in International Journal for Research & Development Volume 6, Issue 2 ISSN :2321:0613, 2018.
- Published paper entitled “Evaluation of Network Levitated merge for Hadoop Acceleration with Enhanced Approach” in International Journal for Research & Development Volume 5, Issue 9. ISSN : 2321:0613, 2017.
- Published paper entitled “Improvised Home Automation System with Incorporation of WSN and IOT” in International Journal for Research & Development Volume 5, Issue 9, ISSN : 2321:0613, 2017.
- Attended & Presented paper entitled “Review of Random Forest Classification Techniques to Resolve Data Imbalance” has been selected in **IEEE conference ICSIM 2017 at JNEC Aurangabad & Got Best Paper Award.**
- “Mining High Utility Patterns in One Phase for Big Data” has been published in International Research Journal of Engineering and Technology Volume 3 , Issue 2, December 2016.
- “Investigating data mining by semantic principles in view of applicability to manufacturing issues” in IEEE sanctioned national conference on information & communication technology” NCICT -11 (peer review conference) 26 & 27 may 2011.
- “Investigating Video Mining by Semantic principles in view of applicability to manufacturing issues” in International Conference ICROME 2010.
- “3 Factor authentication for remote accessing using android device” International journal of engineering research & Technology ISSN :2278 – 0181 Volume 2 Issue 2 February -2013.

- “An embedded platform for 3G Mobile controlled surveillance robot” in International conference on New development and challenges in Engg., Technology and management in 2012.
- “Enhancement of dynamic data mining techniques for supply management” in International conference on Science & Technology (ICST -2K14) February 21-22 2014.
- “Enhanced data partitioning technique for improving cloud data storage “ International journal of modern trends in Engineering and research ISSN :2349 – 9745 Volme 2, Issue 1
- “Genetic based share market prediction “in International journal of advanced engineering and global Technology ISSN No: 2309 -4893.
- “Efficient way to forecast share market “,in “ International journal of modern trends in Engineering and research ISSN :2393 8161 Volume 2, Issue 3.
- “Pattern recognition using enhanced text mining “ in national conference at Walchand Institute of technology.
- “ Annotation based web communication system and existing annotation system: a review”, In proceedings of International Conference on Science and Technology- ICST-2K14, 2, pp: (ISBN: 978 – 81– 928673 – 2 - 8).
- “Efficient filtering algorithms for location aware publish /subscribe “, in International journal for Scientific Research & Development Volume 3, Issue 10 , pp: 137-140, (ISSN No: 2321-0613), in December 2015.
- “Analysis & detection of Infected Fruit part using improved k mean s clustering and segmentation techniques in International journal for Scientific Research & Development” Volume 3, Issue 10 , in December 2015 pp: 137-140, (ISSN No: 2321-0613).
- “Enhanced Bandwidth of Irregular Pentagonal Slotted Patch Antenna for Wireless application”, in International Research journal of Engineering and Technology Volume 3, Issue 3 , in March 2016 (ISSN No: 2395-0056).