

Name MR. SUJAY D. MAINKAR
B.E. (E & TC), M.Tech. (E & TC)

Date of Birth 23/10/1985

Highest Qualification Master of Technology

Branch / Specialization Electronics & Telecommunication

Designation Assistant Professor(Senior Grade)

Department Electronics & Telecommunication

Date of Joining the Institute 01/12/2008



Work Experience

- Worked as Lecturer (EXTC Dept.) with Rajendra Mane College of Engineering & Technology, Ambav, Devrukh from July 2007 to November 2008.
- Working with Finolex Academy of Management & Technology from 01/12/08 to till date.

Total Teaching Experience = 10 years.

Number of Papers Presented/Published in National/ International Conferences Details

National Conference: One
International Conference: Two

1. S. D. Mainkar, Dr. S. P. Mahajan, “*EMD based Efficient Discrimination of Real-world Environmental Sounds using SVM classifier,*” IEEE International Conference on Information Processing (ICIP-2015), Vishwakarma Institute of Technology, Pune, 16-19 December, 2015.
2. S. D. Mainkar, Dr. S. P. Mahajan, “*Optimized Feature Set Extraction using Empirical Mode Decomposition for Classification of Noisy Environmental Conditions,*” Proceedings of IETE and IE approved National Conference on Signal and Data Processing (NCS DP-2015), pp. 33-38, Army Institute of Technology, Alandi, Pune, 11 July, 2015.
3. A. A. Tatugade, S. D. Mainkar, “*A Bandwidth sharing approach to improve licensed spectrum utilization in broadband communication,*” Proceedings of International Conference on Emerging Technologies and Applications in Engineering, Technology and Sciences (ICETAETS-2008), Volume-II, pp. 1682-1687, ISBN: 978-81-906220-1-1, Saurashtra University, Rajkot (Gujarat), 13-14 January, 2008.

Number of Papers Presented/Published in National/ International Journals

**International Journal: One
Book Chapter: One**

Details

1. **Sujay D. Mainkar and S.P. Mahajan, “Performance Comparison for EMD based Classification of Unstructured Acoustic Environments Using GMM and k-NN Classifiers,” Chapter 8 in “Advances in Computing Applications”, Springer Singapore, edited by Dr. Amlan Chakrabarti , Dr. Neha Sharma and Dr. Valentina Emilia Balas, pp. 123 – 135, 2017, ISBN 978-981-10-2630-0.**
2. **S. D. Mainkar, “Performance Comparison of EMD based Noise Classification for different SNR using GMM and k-NN Classifiers,” International Journal of Emerging Technology and Advanced Engineering, (ISSN: 2250-2459, ISO 9001:2008 Certified Journal, Volume 5, Issue 9, September 2015), pp. 197-203.**

Number of Workshops, STTPs Attended

14

Details

1. **Attended Faculty Development Program on ‘Self-Dependence and Advantages of Technology and Digital Marketing’ at Finolex Academy of Management & Technology, Ratnagiri on 23rd September, 2016, conducted by Lemures Technologies and IEEE Delhi.**
2. **Attended an AICTE approved Four-week Faculty Development Program on ‘Use of ICT in Education for Online and Blended Learning’ conducted by IIT Bombay under the National Mission on Education through ICT (MHRD, Govt. of India) at Finolex Academy of Management & Technology, Ratnagiri from 2nd May to 10th July, 2016.**
3. **Attended Two week AICTE sponsored Faculty Development Program on ‘Select Topics in Signal Processing and Machine Intelligence with Hands-on’ conducted during 23rd May to 3rd June, 2016 organized by Department of Electronics and Telecommunication Engineering, College of Engineering, Pune.**
4. **Participated in One week Workshop on ‘Funding Schemes Available for Research Proposal’ organized by Research, Development & Consultancy Cell (RDCC), Finolex Academy of Management & Technology, Ratnagiri from 13th February to 23rd April, 2016.**
5. **Attended Two days workshop on ‘Cisco Networking’ at Finolex Academy of Management & Technology, Ratnagiri**

on 3rd and 4th February, 2016 organized jointly by TechKriti IIT Kanpur and Azure Skynet.

6. Attended Two days workshop on '*Mobile Antennas-Fundamentals, Design, Fabrication and Testing*' at Finolex Academy of Management & Technology, Ratnagiri on 1st and 2nd August, 2015.
7. Attended a Five-day IEEE workshop on '*Research Issues and Hands-on in Wireless Sensor Network including NS-2*' at Maharashtra Institute of Technology, Pune organized under IEEE Communication Society (Pune Chapter) during 7th to 11th April, 2015.
8. Attended National workshop on '*Microwave, Antenna and Propagation for Modern Wireless Communications*' at Pune Institute of Computer Technology, Pune on 7th and 8th February, 2014.
9. Attended a Two-Week ISTE workshop on '*Basic Electronics*' conducted by IIT Bombay under the National Mission on Education through ICT (MHRD, Govt. of India) at Finolex Academy of Management & Technology, Ratnagiri from 28th June to 8th July, 2011.
10. Attended a Two-day workshop on '*Virtual Labs, Electronics*' Conducted by IIT Bombay in association with MHRD, (Govt. of India) at Finolex Academy of Management & Technology, Ratnagiri on 9th and 10th April, 2011.
11. Attended a Two-day workshop on '*Simulation of Electronic Circuits and Power Electronics Systems using SEQUEL*' Conducted by Prof. M. B. Patil, IIT Bombay at Finolex Academy of Management & Technology, Ratnagiri on 31st October and 1st November, 2009.
12. Attended One day workshop on '*Quality Education in Engineering and Technical Institution*' at Finolex Academy of Management & Technology, Ratnagiri on 24th January, 2009.
13. Attended One day workshop on '*Quality & Research in Engineering Education*' at Rajendra Mane College of Engineering and Technology, Ambav, Devrukh on 7th April, 2008.
14. Attended a Workshop – 40 Hours on '*CCNA:- Hardware & Networking*' at Rajendra Mane College of Engineering and Technology, Ambav, Devrukh from 26th August to 10th September, 2007.

Details of student projects Guided at Masters Level

NIL

**Membership in
Professional Bodies**

1. Indian Society of Technical Education (I.S.T.E): Life Member
2. The Society of Digital Information and Wireless Communications (SDIWC)
3. International Association of Engineers (IAENG)

**Seminars/Lecture/
Invited Talks
Delivered As
Resource Person
Details**

5

1. Organized a workshop and worked as a Coordinator for 3-days workshop on '*Networking Fundamentals with Hands-on using NS-2/NS-3 and Unified Communication*' at Finolex Academy of Management & Technology, Ratnagiri from 27th January to 29th January, 2017.
2. Worked as Expert Judge for Project Presentation event of National Level Technical Symposium "*Scintilla 2K16*" held on 18th & 19th March, 2016 at RMCET, Devrukh.
3. Worked as Departmental Organizing Committee member for National Conference on '*Recent Advances in Science and Technology (RAST-2K16)*' held on 17th and 18th February, 2016 at Finolex Academy of Management & Technology, Ratnagiri.
4. Worked as Departmental Coordinator for Two days workshop on '*Mobile Antennas-Fundamentals, Design, Fabrication and Testing*' at Finolex Academy of Management & Technology, Ratnagiri on 1st and 2nd August, 2015.
5. Worked as Organizing Committee member for a Two-day workshop on '*Simulation of Electronic Circuits and Power Electronics Systems using SEQUEL*' Conducted by Prof. M. B. Patil, IIT Bombay at Finolex Academy of Management & Technology, Ratnagiri on 31st October and 1st November, 2009.

**Awards / Honours /
Prizes**

SAP Award of Excellence for being one of the top performers in FDP by IIT Bombay on "Use of ICT in Education for Online and Blended Learning".

**Research /
Sponsored /
Consultancy Projects**

NIL