

Name **MRS. SHARADA V. CHOUGULE**
M. E. Electronics

Date of Birth **08/02/1972**

Highest Qualification **Master of Electronics Engineering**

Branch / Specialization Designation **Electronics Engineering**
Assistant Professor

Department **Electronics & Telecommunication Engineering**

Date of Joining the Institute **25/07/2002**



Academic Appointments

Name of the University / Institute	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 25/07/2002 to till date	Assistant Professor

Total Experience – 21 Years

Papers Presented/Published in National/ International Conferences
<ol style="list-style-type: none"> 1. Sharada V.Chougule and Mahesh S.Chavan, "Speech Signal Analysis: A Frequency Domain Approach", <i>2nd National Conference on Recent Advances in Science and Technology (RAST-2016)</i>, Ratnagiri, 17 to 18 February 2016. 2. Sharada V.Chougule and Mahesh S.Chavan, "Effectiveness of LSP Features for Text Independent Speaker Identification", <i>IEEE International Conference on Computer, Communication and Security (ICCCS-2015)</i>, Mauritius, December 2015, published in IEEE Xplore Digital Library, pp.1-4. 3. Sharada V.Chougule and Mahesh S.Chavan, "Robust Spectral Features for Automatic Speaker Recognition in Mismatch Condition", <i>Second International Symposium on Computer Vision and the Internet (VisionNet'15)</i>, Aluva ,Kochi, Kerala August 2015, published in Elsevier Presidia Computer Science, pp.272-279 doi: 10.1016/j.procs.2015.08.021, August 2015.

4. Sharada V.Chougule and Mahesh S.Chavan, "Filter bank based cepstral features for speaker recognition" IEEE Global Conference on Wireless Computing and Networking (GCWCN-2014) ,22-24 December 2014 at Sinhgad Institute of Technology, Lonawala.
5. Sharada V.Chougule and Mahesh S.Chavan, "Comparison of Frequency-Warped Filter Banks in relation to Robust Features for Speaker Identification", Proceedings of the 13th International Conference on Signal Processing (SIP '14); December 15-17, 2014 ,Published in: Recent Advances in Electrical Engineering pp 157-162, ISBN: 978-1-61804-260-6.
6. Sharada V.Chougule and Mahesh S.Chavan, "Feature Level Compensation for Robust Speaker Identification in Mismatched Conditions", 18th International Conference on Circuits, Systems, Communications and Computers (CSCC '14) Santorini Island, Greece, July 17-21, 2014 Published in: Latest Trends on Systems - Volume I pp 344-352,ISBN: 978-1-61804-243-9.
7. Sharada V.Chougule and Mahesh S.Chavan, "Channel Robust MFCCs for Continuous Speech Speaker Recognition", International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS-2014) IIITM-K Thiruvananthapuram, 13-15 March 2014 Published in -Advances in Signal Processing and Intelligent Recognition Systems Springer International Pub.2014,Volume 264, 2014, pp 557-568.
8. Sharada V.Chougule and Mahesh S.Chavan, "Auditory Based Features for Speaker Recognition", Latest Advances Trends in Electronics Science &Tech.LATEST (IEEE Conference,Shivaji Univ, Kolhapur) ,14-15 Feb 2014.
9. Sharada V.Chougule, "Features and Techniques for Speaker Recognition" at the National Conference on Electronics, Communication & Automation at Shri Vithal Education & Research Institute of Engg, Pandharpur from 23-24 December 2008 .
10. Sharada V.Chougule, "Speech Processing Techniques" at the National Conference on Electronics, Communication & Automation at Shri Vithal Education & Research Institute of Engg, Pandharpur from 23- 24 December 2008 .
11. Sharada V.Chougule ,"Symbolic Prosody Generation for Text to Speech System" at the National Conference on Communication and Signal Processing at Thadomal Shahani Engg. College Mumbai on April 12-13 2007.

Papers Presented/Published in National/ International Journals

1. Sharada V Chougule, Mahesh S. Chavan, "Speaker Recognition in Mismatch Conditions: A Feature Level Approach", *International Journal of Image, Graphics and Signal Processing(IJIGSP)*, Vol.9, No.4, pp.37- 43, 2017.DOI: 10.5815/ijigsp.2017.04.05.
2. Sharada V. Chougule and Mahesh S.Chavan, "Speech Signal Analysis: A Frequency Domain Approach", *Asian Journal of Convergence in Technology* Volume II, Issue III, ISSN No.:2350-1146, I.F-2.71.
3. Sharada V Chougule and Mahesh S.Chavan, "Performance of Complementary Features for Robust Speaker Identification", *International Journal of Computer Applications (IJCA)* ISSN: 0975 – 8887, Vol. 123 – No.9, pp.21-27, August 2015.
4. Sharada V.Chougule and Mahesh S.Chavan, "Speaker Identification in Mismatch Condition using Warped Filter Bank Features", *International Journal of Circuits, Systems and Signal Processing*, ISSN: 1998-4464, Vol.9, North Atalantic University Union (NAUN), pp.88-93, January 2015.
5. Sharada V.Chougule and Mahesh S.Chavan, "Speaker Features and Recognition Techniques: A Review", *International Journal of Computer Engineering Research (IJCER)* ,Vol No.2, Issue No.3 ,ISSN-2250-3005,May-June 2012.
6. Sharada V.Chougule, "Text Independent Speaker Identification using MFCC features with VQ Technique" *International Journal of Electronics and Communication Engg. (IJECE)*, Volume 3, Number 1 (2010) , pp9-17.

Papers published in Book Series

1. Sharada V.Chougule and Mahesh S.Chavan, "Comparison of Frequency-Warped Filter Banks in relation to Robust Features for Speaker Identification", *13th International Conference on Signal Processing (SIP '14)*, Istanbul, Turkey, December 2014, published in *Recent Advances in Electrical Engineering*, ISBN: 978-1-61804-260-6, pp.157-162, December 2014.
2. Sharada V.Chougule and Mahesh S.Chavan, "Feature Level Compensation for Robust Speaker Identification in Mismatched Conditions ", *18th International Conference on Circuits, Systems, Communications and Computers*, (CSCC'14) Santorini Island, Greece, July 2014, published in *Latest Trends on Systems – Vol. I*, ISBN: 978-1-61804-243-9, pp. 344-352, July 2014.

3. Sharada V.Chougule and Mahesh S.Chavan, “Channel Robust MFCCs for Continuous Speech Speaker Recognition ”, *International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS'14)*, Thiruvarentapuram, Kerala, published in Springer Book Series: *Advances in Signal Processing and Intelligent Recognition Systems Advances in Intelligent Systems and Computing* , Vol. 264, pp. 557-568, March 2014,Print ISBN:978-3-319-04959-5, Online ISBN :978-3-319-04960-1

Number of Workshops, STTPs Attended

1. “Network Associate-Routing and Switching”- 17/02/17 to 22/02/17 (06 days) at FAMT Ratnagiri, Organized by Telenetworks Technologies, Vashi, Navi Mumbai
2. Three day workshop on “Fundamentals of Networking and Unified Communication” from 27/01/17 to 29/10/17 at FAMT Ratnagiri
3. Faculty Development Program by Lemures Technologies and IEEE Delhi at FAMT on 23/09/16.
4. “Summer school on Speech Signal Processing-S4P” 4/06/16 to 08/06/16 at DAIICT Gandhinagar, Gujarat.
5. Two day workshop on “Mobile Antenna- Design, Fabrication and Testing”, at Finolex Academy of Management and Technology, in 01/08/15 to 02/08/15 August 2015.
6. “Winter School on Speech and Audio Processing WiSSAP-2015”, 4-7 January 2015 at DAIICT Gandhinagar, Gujarat
7. TEQIP-II Sponsored, Five day STTP on “Audio and Speech Signal Processing (ASSP-2014), organized by Computer Engg. Dept. SVNIT, Surat from July 07-11 2014.
8. One day Orientation-cum Workshop for “Inter Collegiate Research Convention Avishkar-2014-2015” on 12 August 2014 , on behalf of University of Mumbai , at FAMT Ratnagiri
9. Two week ISTE Workshop on “Computer Programming”, conducted by IIT Bombay from 16 to 21 June 2014 at FAMT Ratnagiri.
10. Two week ISTE Workshop on “Signals and Systems”, conducted by IIT Kharagpur from 02 to 12 June 2014 at FAMT Ratnagiri.

11. “Winter School on Speech and Audio Processing WiSSAP-2014”, 17-20 January 2014 at IIT-Hydrabad
12. One day Training program on “Cisco Certified Network Associate” by IP Solutions on 19 Jan 2013 at FAMT, Ratnagiri.
13. Two week ISTE workshop on “Introduction to Research Methodologies”, conducted by IIT, Bombay from 25 June to 04 July 2012 at FAMT Ratnagiri.
14. Two day workshop on ” Virtual Labs, Electronics” on 09th & 10th April 2011 at FAMT, Ratnagiri.
15. Two day workshop on “Virtual DSP Lab” from 13-14 December 2010 at IIT Mumbai.
16. International workshop on “Air Interface Design for Future Wireless System” from 28th June to 2nd July 2010 at Sinhgad Academy of Engineering, Pune
17. Winter School on “Speech and Audio Processing 2010’ ,12th to 15th January 2010 at IIT Mumbai.
18. Two day workshop on “Simulation of Electronics Circuits & Power Electronics Systems using SEQUEL” on Oct 31 to Nov 01, 2009 at FAMT Ratnagiri
19. One week STTP on “MATLAB applications in Electronics Engineering ” from 14th to 19th December 2009 at Tatyasaheb Kore Institute of Engg.& Technology, Warananagar.
20. One Day Workshop on’ Quality Education in Engineering and Technical Institution’. 24 Jan 2009 at FAMT, Ratnagiri
21. Two week training program on “Embedded Using Linux ARM & Keil”, from 03rd March 2007 to 17th March 2007 at FAMT., Ratnagiri.
22. Two Day workshop on “Linux” from 12-13 August 2006 at FAMT, Ratnagiri
23. Five Day workshop on “Microwave Antennas” from 27th June 2006 to 1st July 2006 at Dr. Babasaheb Ambedkar Technological University, Lonere.
24. “Three day workshop on LaTeX-A document preparation system “ on 09 to 11 December 2004 at FAMT, Ratnagiri.
25. One day workshop on “Advances in Micro-electronics” by IIT Mumbai on 15th March 2003 at FAMT, Ratnagiri.

Membership in Professional Bodies

1. Indian Society of Technical Education (I.S.T.E)

Seminars/Lecture/ Invited Talks Delivered As Resource Person

1. As a Resource Person in Orientation-cum Workshop for “Inter Collegiate Research Convention Avishkar-2014-2015”, on behalf of University of Mumbai at Finolex Academy of Management and Technology, in August 2014.
2. As a Session Chair in “Second International Symposium on Computer Vision and Internet (VISIONNET-2015) at Aluva, Cochi, August 2015.
3. Worked as Resource person in Workshop on “Funding Schemes Available for Research” from 13/02/16 to 23/04/16 at FAMT Ratnagiri.

Awards / Honours / Prizes

NIL

Research / Sponsored / Consultancy Projects

NIL

College Exam Duties - Type of Work

4. Worked as a Senior Supervisor for Winter 2011 Engineering Exam.
5. Carried out exam related duties such as Paper Setter, Moderator, Examiner and External Examiner for conducting practical and oral exam as pointed by Board of Examination, Mumbai University.