

Name	MR. VINAYAK D. CHAVAN B.E.(EXTC), M.TECH(EXTC)
Designation	Assistant Professor
Department	ELECTRONICS AND TELECOMMUNICATION
Date of Joining the Institute	08/07/2014
Education	B.E.(2009), M.TECH(2014)
Branch / Specialization	ELECTRONICS AND TELECOMMUNICATION
Areas of Interest	Communication, Signal Processing, Circuit Theory and Networks
Email	Vinayak.chavan@famt.ac.in



Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 08/07/2014 to till date	Assistant Professor
Total Experience – 5.5 Years		

Awards / Honors / Prizes

- 1. Young Researcher's Award** for the paper presented in the **International Conference** held at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, 26th-27th Dec 2013.
- 2. Secured 1st rank in M.Tech and rewarded with GOLD medal.**
- 3. Secured position among top 5% in NPTEL Online Certification Exam for the course "Networks and Systems"**

Seminars/Lecture/Invited Talks Conducted

1. Conducted One day workshop on **"Computer Hardware and Networking"** on **28th June 2018**, jointly organized by Department of Electronics & Telecommunication and Information Technology, Finolex Academy of Management and Technology, Ratnagiri.

2. Conducted workshop on **"Matlab and Simulink"** on 3rd – 4th October 2015, organized by Department of Electronics and Telecommunication, Finolex Academy of Management and Technology, Ratnagiri.

Papers Published

Papers Presented/Published in National / International Journals - 04

International Journals – 04

1. Paper published titled **"Audio Based Bird Species Recognition using Naive Bayes Algorithm"**, International Journal of Modern Trends in Engineering and Research, Volume 05, Issue 1, January– 2018.
2. Paper published titled **"A NEW APPROACH FOR SPOKEN WORD DETECTION"**, International Journal of Modern Trends in Engineering and Research, Vol.2,Issue.9, September 2015.
3. Paper published titled **"Audio Type Identification Using EEMD: A Noise Assisted Data Analysis Method"**, International Journal of Innovative Research In Science, Engineering And Technology, Volume 3, Issue 7, July 2014.
4. Paper published titled **"A New Approach for Automatic Audio Segmentation and Reconstruction"**, International Journal of Research in Engineering and Advanced Technology, Vol.2,Issue.3,June 2014.

National Journals – 01

1. Paper published titled **"Walsh Hadamard Transform: A new approach for PAPR reduction in OFDM"**, Asian Journal of Convergence in Technology Volume II, Issue III.

Papers Presented/Published in National/ International Conferences - 02

International Conferences – 01

1. Paper published titled **"Audio Classification using Empirical Mode Decomposition"**, International Conference held at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, 26-27 Dec 2013.

National Conferences – 01

1. Paper published titled **"Walsh Hadamard Transform: A New Approach for PAPR Reduction in OFDM"**, National Conference on Recent Advances in Science and Technology held at FAMT, Ratnagiri, 17-18 Feb 2016

Number of Workshops, Seminars, STTPs, FDPs Attended – 08

STTPs and FDPs

1. Attended **Faculty Development Program (FDP)** on **"Career Opportunities and Self Dependence"** organized by ITSA and Lemures Technologies on 23rd September 2016

Two Week or One Week Workshops

1. Attended **One Week Workshop** on "**Funding Schemes Available for Research Proposals**" Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri from 13th February to 23rd April 2016
2. Attended One week workshop on "**Introduction to Design of Algorithms**" conducted by IIT Kharagpur from 25th to 30th May 2015.
3. Attended Two week ISTE workshop on "**Control Systems**" conducted by IIT Kharagpur from 02nd to 12th December 2014.
4. Attended Two week ISTE workshop on "**Basic Electronics**" conducted by IIT Bombay from 28th June to 08th July 2011.

Workshops

1. Attended A two day saptahant shikshak prashikshan on "**Introduction to Machine Learning**" on 16th – 17th December, 2017, organized by Department of Information Technology, Finolex Academy of Management and Technology, Ratnagiri.
2. Attended Two Days workshop on "**Mobile Antennas: Fundamentals, Design, Fabrication and Testing**" organized by EXTC and ETRX Dept. (Resource Person Prof. Dr. A. B. Kakde) on 1st -2nd Aug 2015.
3. Attended Two days workshop on "**SMART GRID: Issues and Challenge**" under TEQUIP-II on 16th -17th Aug 2013

College Exam Duties

1. Worked as a **Senior Supervisor** for **Winter Exam December 2016**.
2. Carried out exam related duties such as **Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.

Other Experience

College Level Committees

1. Working as a **Member of E-magazine committee** of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a department coordinator for **NAAC Criteria 1 committee**
3. Working as a department coordinator for **Academic Diary committee**
4. Working as a department coordinator for **SC/ST committee**
5. Organised Guest Lecture on "**Importance of Open Source Software for Computer Communication**" on **24th January, 2018**.

6. Organised One Day Seminar on **"An Introduction to Speech Technology: Automatic Speech Recognition and Text-to-Speech Synthesis"** on **31st January, 2018.**
7. Organised Two days workshop on **"RF AND ANTENNAS: FROM THEORY TO PRACTICE"** on **11th – 12th August, 2017.**
8. Organizing committee member for AICTE-ISTE approved One Week STTP on **"Digital Image Processing – Issues, Challenges and Research Avenues"** on 4th – 8th June 2018
9. Worked as departmental organizing **committee member** in 2nd National Conference on **"Recent Advances in Science and Technology 2k16"**
10. Worked as a **Coordinator** for **"RF AND ANTENNAS" Workshop** Organized in FAMT on **11th and 12th August 2017.**
11. Worked as a **Coordinator** for **"Networking Fundamentals with Hands-on using NS-2/NS-3 and Unified Communication" Workshop** Organized in FAMT on **27th – 29th January 2017.**

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Signals and Systems	S.E. EXTC (Sem - IV)	4 Years
2.	Random Signal Analysis	T.E. EXTC (Sem - V)	3 Years
3.	Optical Fiber communication	B.E. ETRX (Sem - VII)	1 Year
4.	Mobile Communication Systems	B.E. EXTC (Sem - VII)	1 Year
5.	Circuit Theory and Networks	S.E. EXTC (Sem - III)	2 Year
6.	Mini Project Lab	T.E. EXTC (Sem V and VI)	2 Year
7.	Discrete Time Signal Processing Lab	T.E. EXTC (Sem VI)	1 Year
8.	Software Simulation Lab	S.E. EXTC (Sem IV)	2 Years
9.	Microcontroller and Embedded Systems Lab	T.E. IT (Sem V)	1 Year
10.	Principles of Analog and Digital Communication lab	S.E. IT (Sem III)	1 Year
11.	Circuits and Measurements Lab	S.E. EXTC (Sem III)	1 Year