

<b>Name</b>	<b>MR. VINAYAK D. CHAVAN</b> <b>B.E.(EXTC), M.TECH(EXTC)</b>
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.
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
<b>Total Experience – 5 Years</b>		

### 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, 26<sup>th</sup>-27<sup>th</sup> Dec 2013.
2. **Secured 1<sup>st</sup> 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 workshop on **"Matlab and Simulink"** on 3<sup>rd</sup> – 4<sup>th</sup> **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 – 03

1. 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.
2. 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.
3. 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 – 07

#### STTPs and FDPs

1. Attended **Faculty Development Program (FDP)** on **“Career Opportunities and Self Dependence”** organized by ITSA and Lemures Technologies on 23<sup>rd</sup> September 2016

#### Two Week or One Week Workshops

2. 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 13<sup>th</sup> February to 23<sup>rd</sup> April 2016
3. Attended One week workshop on **“Introduction to Design of Algorithms”** conducted by IIT Kharagpur from 25<sup>th</sup> to 30<sup>th</sup> May 2015.

4. Attended Two week ISTE workshop on **“Control Systems”** conducted by IIT Kharagpur from 02<sup>nd</sup> to 12<sup>th</sup> December 2014.
5. Attended Two week ISTE workshop on **“Basic Electronics”** conducted by IIT Bombay from 28<sup>th</sup> June to 08<sup>th</sup> July 2011.

### Workshops

6. 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 1<sup>st</sup> -2<sup>nd</sup> Aug 2015.
7. Attended Two days workshop on **“SMART GRID: Issues and Challenge”** under TEQUIP-II on 16<sup>th</sup> -17<sup>th</sup> 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. Worked as departmental organizing **committee member** in 2nd National Conference on **“Recent Advances in Science and Technology 2k16”**
5. Worked as a **Coordinator** for **“RF AND ANTENNAS” Workshop** Organized in FAMT on 11<sup>th</sup> and 12<sup>th</sup> August 2017.
6. Worked as a **Coordinator** for **“Networking Fundamentals with Hands-on using NS-2/NS-3 and Unified Communication” Workshop** Organized in FAMT on 27<sup>th</sup> – 29<sup>th</sup> January 2017.

## Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Signals and Systems	S.E. EXTC (Sem - IV)	3 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)	1 Year
6.	Mini Project Lab	T.E. EXTC (Sem V and VI)	1 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