

**Name** **Ms.Mansi Shriprakash Kolwankar**

Designation Assistant Professor  
Department Electronics & Telecommunication Engineering  
Date of Joining the Institute 01/08/2008  
Education B.E.(E & TC), RMCET, Devrukh, 2008  
M. E(E & TC), Appeared  
Branch / Specialization Electronics & Telecommunication  
Areas of Interest Digital Communication, Data Compression and Encryption, Speech Recognition  
Email mansi.kolwankar@famt.ac.in



### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management & Technology, Ratnagiri	From 01/08/2008 to till date	Assistant Professor

**Total Experience – 09.5 Years**

### Seminars/Lecture/Invited Talks Conducted

1. Conducted a session on '**Do's and Don'ts in Project Work –Discussion through Case Studies**' as a resource person for B. E. – E & TC students on 22<sup>nd</sup> July, 2017 at Finolex Academy of Management and Technology Ratnagiri.
2. 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 – 02

1. M.S.Kolwankar, ' **Speaking Hand using Raspberry Pi 3**', International Journal of Trend in Scientific Research and Development
2. M.S.Kolwankar,M.R.Dixit " **English to Marathi Audio Dictionary using speech Recognition**", International academic conference on electrical,electronics & robotics,Pune.volume 3.

#### National Journals – 02

1. B.Y.Sathe,M.S.Kolwankar' **Image fusion methods for medical & general purpose applications**' in Asian Journal
2. M.S.Kolwankar,V.A.Patil,H.S.Bodas ' **Analysis of PAPR in IFDMA system using norm technique**' in Asian Journal

### Papers Presented/Published in National/ International Conferences - 03

#### International Conferences – 01

1. M.S.Kolwankar, " **English to Marathi Audio Dictionary using speech Recognition**", International academic conference on electrical,electronics& robotics,Pune.2013-14

#### National Conferences – 02

1. B.Y.Sathe,M.S.Kolwankar' **Image fusion methods for medical & general purpose applications**' in Recent Advances in Science & Technology,18-19 feb 2016
2. M.S.Kolwankar,V.A.Patil,H.S.Bodas ' **Analysis of PAPR in IFDMA system using norm technique**' in Recent Advances in Science & Technology,18-19 feb 2016

### Number of Workshops, Seminars, STTPs, FDPs Attended – 13

#### STTPs,FDPs, Conferences,Seminars & Workshops

1. Attended AICTE-ISTE approved One Week STTP on " **Digital Image Processing – Issues, Challenges and Research Avenues**" from 4<sup>th</sup> June,2018 to 8<sup>th</sup>June,2018
2. Attended one day seminar on " **An Introduction to Speech Technology: Automatic Speech Recognition and Text-to-Speech Synthesis**" on 31<sup>st</sup> January 2018
3. Attended a workshop and worked as a Coordinator for Two days' workshop on ' **RF and Antennas: From Theory to Practice**' at Finolex Academy of Management & Technology, Ratnagiri from 11<sup>th</sup> August and 12<sup>th</sup> August, 2017.
4. Attended 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 27<sup>th</sup> January to 29<sup>th</sup> January, 2017.

5. Attended 2<sup>nd</sup> **National Conference** on '**Recent Advances in Science and Technology (RAST-2K16)**' organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2016.
6. 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
7. Attended **Two week ISTE workshop** on "**Pedagogy for Effective use of ICT in Engineering Education**" at Finolex Academy of Management & Technology, Ratnagiri from 05<sup>th</sup> January to 21<sup>th</sup> January, 2015
8. Attended **Two week ISTE workshop** on "**Signal and Systems**" Conducted by IIT Bombay at Finolex Academy of Management & Technology, Ratnagiri from 02<sup>nd</sup> January to 12<sup>th</sup> January, 2014
9. Attended **Two week ISTE workshop** on "**Basic Electronics**" Conducted by IIT Bombay under the National Mission on Education through ICT at Finolex Academy of Management & Technology, Ratnagiri from 28<sup>th</sup> June to 8<sup>th</sup> 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 9<sup>th</sup> and 10<sup>th</sup> 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 31<sup>st</sup> October and 1<sup>st</sup> November, 2009.
12. **Two days workshop** on "**Embedded System**" at Terna Engineering Collage, Navi Mumbai From 29<sup>th</sup> July to 30<sup>th</sup> July 2009..
13. Attended One day workshop on '**Quality Education in Engineering and Technical Institution**' at Finolex Academy of Management & Technology, Ratnagiri on 24<sup>th</sup> January, 2009.

### Professional Membership

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

### College Exam Duties

1. Worked as a **Senior Supervisor** for **Winter 2014 Exam**.
2. Carried out exam related duties such as **Moderator, Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.
3. Worked as a **result-checking committee member**.

4. Worked as a **coordinator** for scheduling and arrangement for conduction of departmental university Practical/Viva Exam.
5. Worked a **scrutiny committee member**.
6. Worked as an **Invigilator** for University theory exams.
7. CAP co-ordinator May 2017 and May 2017

### Other Experience

#### College Level Committees

1. Working as a **departmental coordinator** of **Training and Placement** (TNP) of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a **Core Committee Member** of Alumini Association.
3. Worked as departmental organizing **committee member** in 2<sup>nd</sup> National Conference on **"Recent Advances in Science and Technology"** (RAST-2K16).
4. Working as a department coordinator for **NAAC Criteria-1 committee**.

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Satellite Communication and Networks	B.E.-E & TC (Sem - VIII)	1 Year
2.	Data Compression & Encryption	B.E.-E & TC (Sem - VII)	3 Years
3.	Optical Fiber Communication	B.E.-E & TC (Sem - VIII)	2 Years
4.	Control System	S.E.-E & TC (Sem - IV)	3 Years
5.	Circuits & transmission lines	S.E.-E & TC (Sem - III)	2 Year
6.	Digital Communication	T.E.-E & TC (Sem - V)	2 Year
7.	Principle of communication Eng	S.E-E & TC (Sem - IV)	2 Years
8.	Microprocessor	T.E.-I.T (Sem - V)	1 Year
9.	Microprocessor & Microcontroller	S.E.-IT (Sem - IV)	1 Year

10.	Digital Communication	T.E.-ETRX (Sem - V)	1 Year
11.	Digital Logic Design	S.E.-E & TC (Sem - III)	2 Years
12.	Electronic Hardware Workshop	T.E.-E & TC (Sem - V)	1 Years
13.	Software Simulation	S.E-E & TC(Sem-IV)	2 years