

Name **MR. RAHULKUMAR P. TIVAREKAR**
B.E. (EXTC), M.E. (ELECTRONICS COMM. & INSTRU.)

Designation Assistant Professor
Department ELECTRONICS
Date of Joining the Institute 01/07/2011
Education B.E., ELECTRONICS AND TELECOMMUNICATION (2009), M.E., ELECTRONICS COMM. & INSTRU.(2017)
Branch / Specialization ELECTRONICS AND TELECOMMUNICATION
Areas of Interest Communication, Signal Processing, Instrumentation.
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Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 16/07/2010 to 31/05/2011	Lecturer
Finolex Academy of Management and Technology, Ratnagiri	From 01/07/2011 (Regularized from 01/12/2011) to till date	Lecturer/ Asst. Prof.

Total Experience – 8 Years

Awards / Honors / Prizes

1. WON 1st Prize in National level Technical Paper Presentation Competition held in MIT Aurangabad (Presented a paper titled "**Trans-Oceanic Communication, Developments & Applications**" in 15th to 17th September 2007).
2. Secured **First Rank** in Goa University in Master of Engineering (Electronic Communication and Instrumentation) examination held in July 2017.

Seminars/Lecture/Invited Talks Conducted – 02

1. Conducted a Hands on workshop on **"Introduction to ARDUINO"**, in Government Polytechnic, Mayem, Goa from 20th to 24th February 2017.
2. Conducted an Add-On course on, **"Computer Networking: Hands-On With GNS3"** in Electronics Engineering Department of FAMT Ratnagiri from 21/09/2017 to 31/04/2018.

Papers Published: 03

Papers Presented/Published in National/ International Conferences - 01

International Conferences – 01

1. Published a paper, titled as **"Species Recognition Using Audio Processing Algorithm"** in the **IEEE, International Conference on Trends in Electronics and Informatics (ICEI) 2017**, organized by SCAD college of Engineering and Technology, Tirunelveli, Tamilnadu on 11 -12 May 2017. **ISBN: 978-1-5090-4255-5**

Papers Published in National/ International Journals - 02

International Journals – 02

2. Published a paper, titled as **"Audio Based Species Recognition Using Naïve Bayes Algorithm"** in the **International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 5, Issue 1: January 2018.** DOI: 10.21884/IJMTER.2018.5020.SHOJV
3. Published a paper, titled as **"Bit Error Rate performance of OFDM-QAM modulation and WHT OFDM-QAM modulation using Rayleigh and Rician Channel"** in the **International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 5, Issue 1: January 2018.** DOI: 10.21884/IJMTER.2018.5007.ZTLQ9

Number of Workshops, Seminars, STTPs, FDPs Attended – 12

STTPs and FDPs - 03

1. Participated in **Two-week** ISTE STTP on **"Effective Mentoring of Online Students in Signals and Systems, Part 1 – WEE210.1x"**, Conducted by IIT Bombay from 12th March 2015 to 20th May 2015.
2. Participated in **One-week** TEQIP-II ISTE approved short term training programme on **"Industrial Automation and Virtual Instrumentation"**, organized by Don Bosco College of Engineering, Goa, from 7th to 11th November, 2016.
3. Participated in **Two-day** Saptahant Shikshak Prashikshan on **"Introduction to Machine Learning"** conducted by IIT Kharagpur, on 16th- 17th December, 2017.

Two Week or One Week Workshops - 04

4. Participated in **Two-week** ISTE workshop on **"Basic Electronics"**, conducted by IIT Bombay from 28th June to 8th July, 2011.

5. Participated in **Two-week** ISTE workshop on "**Analog Electronics**", conducted by IIT Kharagpur from 4th to 14th June, 2011.
6. Contributed as **Teaching Assistant** for **Two-week** ISTE workshop on "**Introduction to Research Methodologies**", conducted by IIT Bombay from 25th June to 04th July, 2012.
7. Participated in **Two-week** ISTE workshop on "**Signals & Systems**", conducted by IIT Kharagpur from 2nd to 12th January, 2014.

Workshops - 05

8. Attended a **Two day** Workshop on "**Virtual Lab, Electronics**", Conducted by IIT Bombay in association with MHRD, at FAMT, on 9th and 10th April 2011.
9. Participated in a **Two day** ISTE Workshop on "**Aakash for Education**", Conducted by IIT Bombay in association with MHRD, at FAMT, on 10th and 11th November, 2012.
10. Attended a **Two day** workshop on "**RF and Antennas – From Theory to Practice**", organized by Electronics and Telecommunication Engg. Dept., during 11th and 12th August, 2017.
11. Secured **Elite** grade in **12 week** NPTEL online Certification course, "**Networks And Syatems**" with a consolidated score of 71 %.
12. Attended a **One Day** seminar on "**An Introduction to Speech Technology: Automatic Speech Recognition and Text-to-Speech Synthesis**", organized by Department of Electronics and Telecommunication Engineering on 31st January, 2018.

College Exam Duties

1. Worked as **Asst. CAP coordinator** for University cluster CAP center at FAMT-Engineering section for second half exam of 2013.
2. Worked as **Additional Senior Supervisor** for smooth conduction of First Half of 2015 examination (Morning Session).
3. 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.
4. Performed **Quality control work** over assessment & **checking of mark-sheets** of semester III, IV, V and VI (REV and OTR) examinations of various academic years.
5. Worked for **Result submission** of IT, May2017 Exam in Mumbai University on 6th July 2017

Other Experience

College Level Committees

1. Working as a **departmental coordinator** for **NAAC Criteria VI** related documentation.
2. Worked as a **departmental T & P coordinator** for two years from 12/08/2013 to 20/05/2015.
3. Worked as a **Teaching Assistant** for conduction of online ISTE – IITB workshop on **“Introduction to Research Methodologies”**, from 25/06/2012 to 04/07/2012.
4. Work as **departmental coordinator** of **Result Analysis** Committee.
5. Work as **departmental Time Table coordinator**.
6. Worked as **mentor** for 17 students for A.Y. 2017-18.
7. **Conducted Career counselling seminar** with Prof. P.A. Giri (Chemical Engg. Dept), at Government Polytechnic, PEN on 30 March 2018.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Digital Communication and Coding Techniques	Sem -V, ETRX	3 Years
2.	Analog and Digital Integrated Circuits	Sem- VI, ELECTRICAL	1 Year
3.	Mobile Communication	Sem- VII, ETRX	2 Year
4.	Continuous Time Signals and Systems	Sem- V, ETRX	1 Year
5.	Discrete Time Signals and Systems	Sem- VI, ETRX	2 Years
6.	Digital Signal Processing and Processors	Sem- VI, ETRX	2 Year
7.	Filter Design	Sem-VII, ETRX	2 Years
8.	Signals and Systems	Sem- V, CBGS, ETRX	2 Years