

**Name** MR. GIRISH G. BHIDE  
B.E. ELECTRONICS, M.E. ELECTRONICS

**Designation** Associate Professor and HOD  
**Department** Electronics Engineering  
**Date of Joining the Institute** 15/07/1996  
**Education** B.E. Electronics, 1993  
M.E. Electronics, 2005  
**Branch / Specialization** Electronics  
**Areas of Interest** Electromagnetic Fields and Wave Theory, Digital Communication, Micro-strip Patch Antenna, Computational Electromagnetics  
**Email** girish.bhide@famt.ac.in  
**Personal Homepage link** <https://girishbhide.wordpress.com/>



### Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
	From 01/07/2010 to till date	Associate Professor
Finolex Academy of Management and Technology, Ratnagiri	From 01/05/2007 to 30/06/2010	Lecturer Selection Grade
	From 06/07/2002 to 30/04/2007	Lecturer Senior Scale
	From 15/07/1996 to 05/07/2002	Lecturer
<b>Total Experience – 21 Years</b>		

### Awards / Honors / Prizes

- Member of Governing Body** of Finolex Academy of Management and Technology, Ratnagiri
- Best Paper of Session** award for the paper "Learning Finite Element Method using MATLAB – A Tutorial" at 3<sup>rd</sup> IETE National Conference CYNOSURE 2016 at DBATU, Lonere, on 23-24 April 2016.
- Worked as **Session Chair** at 3<sup>rd</sup> IETE National Conference CYNOSURE 2016 at DBATU, Lonere, on 23-24 April 2016.

## Seminars/Lecture/Invited Talks Conducted

1. Delivered Seminar on "**Career planning with FAMT**" at Govt. College of Engg., Pen
2. Delivered Seminar on "**Career planning with FAMT**" at Govt. College of Engg., Nagothane
3. Delivered Seminar on "**Career planning with FAMT**" at Govt. Polytechnic, Malvan
4. Delivered Lectures (02 Days) on the Subject "**Electromagnetic Wave Theory and Propagation**" – Sem IV , EXTC at Gharda Institute of Technology, Lavel

## Papers Published

### Papers Presented/Published in National/ International Journals - 08

#### International Journals – 08

1. Suraj Shete, Girish Bhide, Sandeep Nalage, Ashish Vartak, "**Composite Structure Fractal Wideband Monopole Antenna for ISM Band Applications**" in International Journal of Modern Trends in Engineering and Research (IJMTER) volume. 4, Issue (7), July 2017.
2. Suraj Shete, Girish Bhide, Mahesh Jadhav, "**WHT and Double WHT: An effective PAPR reduction approach in OFDM**" in IEEE Xplore Digital Library DOI: 10.1109/ICAECCT.2016.7942577.
3. Paper titled "**Dual Band High Gain Union Shaped Microstrip Patch Antenna**" published in Atlantis Press through the proceedings of Second IETE International Conference on Communication and Signal Processing (ICCASP) at Dr. Babasaheb Ambedkar Technological University, Lonere in December 26-27, 2016 with ISSN: 1951-6851, vol. 137 in AISR series.
4. Paper titled "**Stepped & Hairpin Combined Wideband Band pass Filter for ISM Band**" published in International Journal 'Asian Journal of Convergence in Technology (IJCT)' ISSN 2350-1146, Vol 2, Issue 3, 2016.
5. Paper titled "**Partially Adaptive Cluster Based Routing for Network-on-Chip**" published in International Journal 'Asian Journal of Convergence in Technology (IJCT)' ISSN 2350-1146, Vol 2, Issue 3, 2016.
6. Amol R. Sutar, G. G. Bhide, J. J. Mane "**Implementation and Study of BLDC Motor Drive System**", International Journal of Engineering Science and Research Technology (IJESRT) 5(5), pages 57-64. May 2016
7. Paper titled "**Performance Analysis of Three Phase induction motor drives for Various PWM Control methods**", published in international journal of Scientific and Engineering Research (IJSER) ISSN 2229-5518, Volume 6, Issue 8, PP 905-911, August 2015.

8. Paper titled "**A Three-Phase Voltage Source Inverter Using MOSFET Devices And Equal Area Criteria PWM**" published in International Journal of Global Technological Initiatives (IJGTI) MARCH 2012 VOLUME 1 ISSUE 1, pp C29-C38 (ISSN 2277-6591)

## Papers Presented/Published in National/ International Conferences - 07

### International Conferences – 04

1. Paper presented titled "**Dual Frequency High Gain Union Shaped Microstrip Patch Antenna**" at Second IETE International Conference on Communication and Signal Processing (ICCASP) at Dr. Babasaheb Ambedkar Technological University, Lonere in December 26-27, 2016.
2. Paper Presented titled "**WHT and Double WHT: An effective PAPR reduction approach in OFDM**" at 2016 IEEE International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT) Rajarshi Shahu College of Engineering, Pune India. Dec 2-3, 2016.
3. Presented a paper entitled "**On the class of exact solutions of MHD boundary layer flow of second order type by creating forced oscillations on the porous boundary**" in International Conference on Recent Trends in Computing communication and Science, held at I<sup>2</sup>IT, Pune in January 08<sup>th</sup>& 09<sup>th</sup>, 2016.
4. Paper presented titled "**A Three-Phase Voltage Source Inverter Using MOSFET Devices And Equal Area Criteria PWM**" at the international Conference on Global Technology Initiatives at Rizvi College of Engg. held in March 2012.

### National Conferences – 03

1. Paper presented titled "**Learning Finite Element Method using MATLAB – A Tutorial**" at the Third IETE National Conference 'CYNOSURE 2016' organized by Dr. Babasaheb Ambedkar Technological University, Lonere held in April 2016.
2. Paper presented titled "**Stepped & Hairpin Combined Wideband Bandpass Filter for ISM Band**" at the Second National Conference on 'Recent Advances in Science and Technology (RAST-2k16)' organized by Finolex Academy of Management and Technology, Ratnagiri held in February 2016.
3. Paper presented titled "**Partially Adaptive Cluster Based Routing for Network-on-Chip**" at the Second National Conference on 'Recent Advances in Science and Technology (RAST-2k16)' organized by Finolex Academy of Management and Technology, Ratnagiri held in February 2016

## Number of Workshops, Seminars, STTPs, FDPs Attended – 35

### STTPs and FDPs - 16

1. Completed *12 Week* **NPTEL Online Course** on "**Applied Electromagnetics for Engineers**" conducted by IIT Kanpur from July to October 2017 with a score of 72% (Elite).
2. Completed *08 Week* **NPTEL Online Course** on "**Basic Electrical Circuits**" conducted by IIT Kharagpur from July to September 2017 with a score of 60% (Elite).

3. Completed *08 Week NPTEL Online Course* on "**Programming in C++**" conducted by IIT Kharagpur from July to September 2017.
4. Attended One Week STTP on "**Design, Testing, Performance Evaluation & Applications of Microwave Antennae 2016**" at VIIT, Pune from 21-26 November, 2016.
5. Completed **12 Week**(30 Hours) NPTEL Online Course on "**Computational Electromagnetics & Applications**" conducted by IIT Bombay from July to October 2016.
6. Completed Four Week AICTE approved FDP by IIT Bombay on "**Use of ICT in Education for Online and Blended Learning**" from 2<sup>nd</sup> May to 10<sup>th</sup> July 2016.
7. Attended One Day Faculty Development Program on "**All about Self dependence and Advantages of Technology and Digital Marketing**" conducted by Lemures Technology, at Finolex Academy of Management and Technology, Ratnagiri on 23 September 2016.
8. Attended one Week CEP Course on "**Linear Algebra and other Fundamentals for Engineers**" conducted for Dr. BATU, Lonere under TEQIP – II by IIT Bombay, at Mumbai, from 18<sup>th</sup> to 22<sup>nd</sup> June, 2016.
9. Attended a Three Day Training Programme on '**Practical Electromagnetics for Modern Antennas, RF and Microwave Designs Using ANSYS HFSS**' at Dr. Babasaheb Ambedkar Technological university, Lonere, jointly organized by DBATU and Entuple Technologies from 25 to 27 September 2015.
10. Attended One Week STTP on "**Assessment and Accreditation with NAAC for Quality Improvement of the Institute**" at Saraswati College of Engg. Kharghar, Navi Mumbai from 06-10 July, 2015.
11. Attended One Week "**Yoga Course**" conducted by FAMT, Ratnagiri, from 17-22 June 2015.
12. Attended One Day Training program "**Cisco Certified network Associate**" organized by IP Solutions, Mumbai, at FAMT, Ratnagiri, on 19 January, 2013.
13. Attended One Week QIP Short Term Course on "**Satellite Image Processing and Analysis**" conducted by IIT, Bombay from 03-07 January 2011.
14. Attended One week ISTE STTP on "**Advanced Communication Systems**" at VIIT, Pune, from 23-28 June 2008.
15. Attended Two Day CEP Course on "**Wireless Networks**" conducted by IIT Bombay from 27-28 November 2006.
16. Attended Two Week STTP on "**Broadband Communication: Current Trends and Applications**" jointly organized by University of Mumbai and ISTE Chapter KJSCE, from 19-30 June 2006.

### **Conferences and Seminars - 01**

1. Attended 2<sup>nd</sup> **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2016.

### **Two Week or One Week Workshops - 03**

1. Attended total one week workshop on weekends on "**Funding schemes Available for Research Proposals**" organized by RDCC, Finolex Academy of Management and Technology, Ratnagiri from 13<sup>th</sup> February to 23<sup>rd</sup> April 2016.
2. Attended Two Week ISTE Workshop on "**Computer Networking**" Conducted by IIT Bombay under the National Mission on Education through ICT sponsored by MHRD at RC 1065 (FAMT) from 30 June to 05 July 2014.
3. Attended One week Coordinator's ISTE-IITKGP Workshop on "**Analog Electronics**" conducted by IIT, Kharagpur under NMEICT sponsored by MHRD from 01-05 April 2013.

## Workshops - 15

1. Attended One day Workshop on "**New NAAC Guidelines and Self-study Report Writing**" organized by IQAC, of SIES,(Nerul), College of Arts, Science and Commerce, Nerul on 7<sup>th</sup> October 2017.
2. Attended Two day workshop on "**RF and Antennas – From Theory to Practice**", organized by Department of Electronics and Telecommunication Engineering, Finolex Academy of Management and Technology, Ratnagiri, on 11-12 August 2017.
3. Attended Four day workshop on "**Embedded C Programming and Applications Development**", organized by Department of Electronics Engineering, Finolex Academy of Management and Technology, Ratnagiri, from 04-07 August 2017.
4. Attended Three day workshop on "**Networking Fundamentals with Hands on using NS-2 / NS-3 and Unified Communication**", at Finolex Academy of Management and Technology, Ratnagiri, on 27-29 January 2017.
5. Attended Two day workshop on "**Accreditation Process for Technical Institutions**", at Dr. D.Y. Patil School of Engg., Lohega on, Pune, on 15-16 December 2016.
6. Attended Two day workshop on "**Basics of Antenna Design and Hands-on CST Microwave Studio**", at Vidya Pratishthan's College of Engineering, Baramati, on 30-31 October 2015.
7. Attended Two day workshop on "**Mobile Antenna - Design, Fabrication and Testing**", at Finolex Academy of Management and Technology, Ratnagiri, on 01-02 August 2015.
8. Attended 2 Day "**RF Filter Design Workshop**" conducted by IEEE-DBIT MTT-S Student Chapter on 13-14 September 2014.
9. Attended 2 Day ISTE Workshop for Teachers on "**Aakash for Education**" Conducted by IIT Bombay under the National Mission on Education through ICT at RC 1065 (FAMT) on 10-11 November 2012.
10. Attended One Day Workshop on, "**New Paradigms in Accreditation System**" organized by Aasaan eduCare Private Limited at Hotel pride, Pune, on 5<sup>th</sup> November, 2011.
11. 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 and Technology, Ratnagiri on 09<sup>th</sup> and 10<sup>th</sup> April 2011.
12. Two day workshop on "**Simulation of Electronics Circuits & Power Electronics Systems using SEQUEL**", at Finolex Academy of Management and Technology, Ratnagiri 31 October and 01 November 2009.
13. Attended One Day Workshop on "**Engineering Electromagnetics – Practical Approach**" jointly organized by ISTE Chapter KJSCE and University of Mumbai, on September 01, 2007.
14. Attended Two Day workshop on "**Linux**" at Finolex Academy of Management and Technology, Ratnagiri in August 2006.
15. Attended One day workshop on "**Advances in Micro-electronics**", organized by IIT Mumbai at Finolex Academy of Management and Technology, Ratnagiri on 15 March 2003.

## Professional Membership

1. Indian Society of Technical Education (ISTE) (Life Member LM 29426)
2. Institute of Electrical and Electronics Engineers.(**IEEE**) (Member 92620161)

## College Exam Duties

1. Worked as a **Senior Supervisor** of Engg. and MCA **Second Half of 2015 Examinations** for the **Afternoon Session**.
2. Worked as an **CAP coordinator** at FAMT for the First Half of 2011 examinations conducted by University of Mumbai
3. Worked as **Officer I/C Examination Section** for the period September 2006 to December 2009.

## Other Experience

### College Level Committees

1. Working as **Head of NAAC Criteria – II** for Finolex Academy of Management and Technology, Ratnagiri.
2. Worked as Coordinator for Four day workshop on "**Embedded C Programming and Applications Development**", organized by Department of Electronics Engineering, Finolex Academy of Management and Technology, Ratnagiri, from 04-07 August 2017.
3. Working as a Member of '**Admission Counseling Cell**'. Delivered a seminar on "Career Planning with FAMT" to T.Y. EXTC students of Government Polytechnic, Malvan on 17<sup>th</sup> February 2017.
4. Working as a **Member of Anti Ragging committee** of Finolex Academy of Management and Technology, Ratnagiri.
5. Worked as **Remote Center Coordinator** of RC1065 (FAMT) from June 2012 to January 2014 under the NMEICT ISTE IITB / IITKGP Workshops sponsored by MHRD (Govt. of India) as shown below.
6. "**Introduction to Research Methodologies**" from 25<sup>th</sup> June to 4 July 2012
7. "**Engineering Thermodynamics**" from 11<sup>th</sup> to 21<sup>st</sup> December 2012
8. "**Research Methods in Educational Technology**" on 2<sup>nd</sup> and 9<sup>th</sup> February 2013
9. "**Database Management Systems**" from 21<sup>st</sup> to 31<sup>st</sup> May 2013
10. "**Analog Electronics**" from 4<sup>th</sup> to 14<sup>th</sup> June 2013
11. "**Engineering Mechanics**" from 26<sup>th</sup> November to 6<sup>th</sup> December 2013
12. "**Signals and Systems**" from 2<sup>nd</sup> to 12<sup>th</sup> January 2014
13. Worked as a **Teaching Assistant** in Two Week ISTE workshop on "**Control Systems**" Conducted by IIT Kharagpur under the National Mission on Education through ICT at RC 1065 (FAMT) from 2<sup>nd</sup> to 12<sup>th</sup> December 2014.
14. Worked as a **System Administrator** in Two Week ISTE workshop on "**Computer Programming**" Conducted by IIT Bombay under the National Mission on Education through ICT at RC 1065 (FAMT) from 16<sup>th</sup> to 21<sup>st</sup> June 2014.
15. Worked as a **System Administrator** in Two Week ISTE workshop on "**Fluid Mechanics**" Conducted by IIT Kharagpur under the National Mission on Education through ICT at RC 1065 (FAMT) from 20<sup>th</sup> to 30<sup>th</sup> May 2014.

**16.** Worked as a **Workshop Co-ordinator** in Two Week ISTE workshop on “**Analog Electronics**” Conducted by IIT Kharagpur under the National Mission on Education through ICT at RC 1065 (FAMT) from 4<sup>th</sup> June to 14<sup>th</sup> July 2013.

**17.** Worked as a **Teaching Assistant** in Two Week ISTE workshop on “**Basic Electronics**” Conducted by IIT Bombay under the National Mission on Education through ICT at RC 1065 (FAMT) from 28<sup>th</sup> June to 08<sup>th</sup> July 2011.

### Judge Panel / Staff Selection Committee / Subject Expert

1. Worked as a **subject expert for Electronics** on the panel for interviews organized by GIT, Level in the year 2009.

### Projects / Software Development

1. Developed the **Examinations Result Preparation System** (Sem III to Sem VI) based on Microsoft Excel for Rajaram Shinde College of Engineering, Pedhambe in the year 2010-11.

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience (no. of times taught)
1	Electromagnetic Engineering	T.E./ETRX/V	13
2	Digital Communication	B.E./ETRX/VII	9
3	Data Communication and Networking	B.E./ETRX/VIII	8
4	Electromagnetic Fields and Waves	T.E./ELEC/V	5
5	Wave Theory and Propagation	S.E./EXTC/IV	4
6	Communication Networks	B.E./ETRX/VII	4
7	Microwave and Devices and Circuits	B.E./ETRX/VI	3
8	Satellite TV and Video Technology	T.E./ETRX/VI	3
9	Computer Programming – I	F.E./All/I	3
10	Advanced Microwave Engg.	B.E./EXTC/VIII	2
11	Basics of Analog and Digital Communication Systems	B.E./ELEC/VII	2

12	Microwave and Optical Fiber Communication	B.E./ETRX/VII	2
13	Electronics – I	S.E./ELEC/III	2
14	Electronics – II	S.E./ETRX/IV	2
15	Computer Programming – II	F.E./All/II	2
16	Fundamentals of Microwave Engineering	B.E./EXTC/VII	1
17	Electronic Instruments	S.E./ETRX/IV	1
18	Telecom Network Management	B.E./ETRX/VIII	1