

**Name** **MR. SURAJ ANIL SHETE**  
**B.E.(ELECTRONICS),M.E.(ELECTRONICS)**

Date of Birth 04/03/1990

Highest Qualification Master of Engineering

Branch /  
Specialization **Electronics Engineering**

Designation  
Department Assistant Professor  
Electronics Engineering

Date of Joining the  
Institute 05/08/2013



### Academic Appointments

Name of the University / Institute	Duration	Designation
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Finolex Academy of  
Management and  
Technology, Ratnagiri

From 05/08/2013 to till date

Assistant Professor

**Total Experience – 4 Years**

### Papers Presented/Published in National/ International Conferences International-2 & National-1

1. 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.
2. Paper presented titled **“Walsh Hadamard Transform: A new approach for PAPR reduction in OFDM”** in national conference on Recent Advances in Science and Technology 18-19 Feb. 2016 at FAMT Ratnagiri.
3. Paper presented titled **“Walsh Hadamard Transform: An effective PAPRR reduction approach in OFDM”** in International conference on Electronics & Computing 9-10 April,2015 at D.K.T.E.'s Textile and Engineering Institute, Ichalkaranji.

**Papers Presented/Published in National/ International Journals  
International-5**

1. Suraj Shete, Vinayak Chavan, Avadhut Apte **"Walsh hadamard Transform : A new approach for PAPR reduction in OFDM"** in **Asian Journal of Convergence in Technology (AJCT) volume II, Issue III, ISSN no.: 2350-1146.**
2. Mangesh J. Joshi, Mahesh A. Jadhav, Suraj A. Shete, Mayur S. Patil, **"Edge – Coupled DGS Composite Bandpass Filter for Wi-Max Application"** in **International Journal of Modern Trends in Engineering and Research (IJMTER) volume. 2, Issue (11), November2015, pp. 109-113.**
3. P.K.Kotwal, Vinayak Chavan, Suraj Shete **"A New Approach for Spoken Word Detection"** in **International Journal of Modern Trends in Engineering and Research (IJMTER) volume. 2, Issue (09), September2015, pp. 196-201.**
4. Suraj Shete, Prof. R. N. Patil, P. M. Jadhav **"PAPR reduction of OFDM signal using Walsh Hadmanrd transform"** in **international journal of research in science and technology (IJRST) Volume 5 Issue no.1, January-march ISSN: 2249:0604.**
5. Suraj Shete, Prof. R. N. Patil, P. M. Jadhav **"PAPR reduction techniques in OFDM: A brief review"** in **International journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181, VOLUME 3 Issue 4, April 2014.**

**Number of Workshops, STTPs Attended  
Total- 14**

1. Attended 1 day MATLAB EXPO-2017 conducted by Mathworks.
2. Attended 2 days workshop on **'Rispberry Pi'** conducted by Robocart.
3. Attended 3 days workshop on **'Embedded Systems and Robotic Design'** conducted by PPCRC, Pune.
4. Attended STTP approved Two day workshop on **'Internet Of Things'** conducted by Department of Computer Science and Engineering at Sant Gajanan Maharaj College of Engineering, Mahagaon.
5. Attended Two Week ISTE workshop on **'Designs of Algorithm'** Conducted by IIT Kharagpur under the National Mission on Education through ICT.
6. Attended Two Week ISTE workshop on **'Computer Network'** Conducted by IIT Bombay under the National Mission on Education through ICT.
7. Attended Two Week ISTE workshop on **'Control Systems'** Conducted by IIT Kharagpur under the National Mission on Education through ICT.
8. Attended Two Week ISTE workshop on **'Pedagogy for effective use of ICT in Engineering Education'** Conducted by IIT Bombay under the National Mission on Education through ICT.
9. Attended Two Week ISTE workshop on **'Signals and Systems'** Conducted by IIT

Kharagpur under the National Mission on Education through ICT.

- 10.** Attended one day orientation program on Inter collegiate Research Convention Avishkar 2014-15 conducted by FAMT Ratnagiri on behalf of Mumbai University.
- 11.** Attended one-week Yoga course organized by FAMT Ratnagiri.
- 12.** Attended one week workshop on **"Funding Schemes Available for Research Proposal"** conducted by FAMT Ratnagiri.
- 13.** Attended Two week STTP on **"MATLAB & SIMULINK: Learning by Doing"** under ISTE-TEQIP-II conducted by Government College Of Engineering Karad from 06-06-2016 to 18-06-2016.
- 14.** Successfully completed a course of study on **"Technical Communication for Scientist and Engineers"** offered by IIT BombayX between 11 January 2016-02 May 2016.

#### **Students projects Guided at Masters Level**

**NIL**

#### **Membership in Professional Bodies**

**NIL**

#### **Seminars/Lecture/ Invited Talks Delivered As Resource Person**

**Conducted workshop on "Programming with Arduino " in Government Polytechnic Malvan on 3-4 March 2017.**

#### **Awards / Honours / Prizes**

- 1. Book published on "Video encoding with authentication using Multiwavelet Transform" in LAMBERT, Germany.**
- 2. Book published on "Walsh Hadamard Transform: An effective PAPR reduction approach in OFDM" in LAMBERT, Germany.**
- 3. Secured 1<sup>st</sup> position in "Avishkar 2016-17 college level research project convention" as a part of Research Convention of University of Mumbai under Engineering and Technology category held at FAMT Ratnagiri on 4<sup>th</sup> October 2016.**

4. Got Honour code certificate from IIT Bombay for successfully completion of course on "Technical Communication for Scientist and Engineers" on 4<sup>th</sup> May 2016.

#### Research / Sponsored / Consultancy Projects

NIL

#### College Exam Duties - Type of Work

1. Worked as a **Senior Supervisor** of **Engineering 2016 Winter Exam. (From 20/12/2016 to 29/12/2016)**
2. Carried out exam related duties such as **Moderator, Examiner and External Examiner** for conducting practical and oral exam as pointed by Board of Examination, Mumbai University.
3. Worked as **External Examiner** For T.E, B.E Examinations Conducted by Mumbai University.

#### Other Experience

1. Working as a **Departmental Academic Feedback committee co coordinator** of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as **Mentor** for 19 B.E students.