

1. Name: **Prof. Mayur Sahebrao Raut**
2. Designation: Assistant Professor, Department of E&TC, SIT, Lonavala
3. Email : mraut.sit@sinhgad.edu, tpo.sit@sinhgad.edu
4. Mobile: +91-9765550636
5. Date of Birth: 26th January, 1989
6. Address: 2BHK, Flat No.04, STES Campus , Lonavala
7. Research Interests: **Wireless Sensor Networks, Wireless Networks ,VANAT**



Educational Details:

- Ph.D. (Electronics, Pursuing), VIT, Chennai.
- M.Tech. (Electronics), VJTI, Mumbai, Autonomous, Distinction (8.7 SGPA),2013.
- B.E. (E&TC), Pune University, First class with Distinction (67 %), 2010.
- H.S.C (Pune Board), Pravara Public School ,Pravaranagar,Ahmedngar, Distinction (76.67%), 2006
- S.S.C (Pune Board), Pravara Public School,Pravaranagar,Ahmedngar, Distinction (85.67%), 2004
- Experience: (09 years) 2013 till Date: - **Assistant Professor** E&TC Dept., at Sinhgad Institute of Technology, Lonavala, India.

Subjects Taught:

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| ❖ Electromagnetic | Biomedical Signal Processing |
| ❖ Microcontrollers and Applications | Control System |
| ❖ Digital Electronics | Artificial Intelligence and Machine Learning |
| ❖ Mechatronics | Broadband Communication System |
| ❖ Basic Electronics Engineering | Computer Organization |
| ❖ Artificial Intelligence and Machine Learning | Project Management |
| ❖ Cyber Security | Employability skill Development |
| ❖ Microcontroller and Applications | Computational Statics |

Responsibilities Handled:

- ❖ Career Counseling Center (Head), STES, Lonavala.
- ❖ Training and Placement Officer, SIT, Lonavala
- ❖ Career Katta –Maharashtra State and Higher Technical Department (Institute Coordinator, SIT, Lonavala)
- ❖ Tectonic Event(Institute Coordinator),SIT, Lonavala
- ❖ Qualification: Registered Phd. (Electronics) at VIT, Chennai.
- ❖ Research Papers Published: International Journals: 09
- ❖ Session chair for National conference conducted by Computer department, SKNSIT.
- ❖ UPSC/MPSC/CAT/GRE/GMAT/Banking exams conduction in SIT, Lonavala.
- ❖ Appreciation letter by college for conducting Competitive Exam lecture series.
- ❖ Started Internship program in college for Antenna Design under ZinZout Teletech,Pune.
- ❖ AMCAT Exam coordinator
- ❖ GATE/GRE/TOFEL/MBA/CAT Exam coordinator.
- ❖ Subject Incharge for Electromagnetic and Transmission lines (TE E&TC).
- ❖ Coordinator and Judge for ETL day celebration in E&TC department.
- ❖ Industrial visit Incharge for GMART visit to Naryangaon.
- ❖ Coordinator for social event to “Snehwan”, Pune.
- ❖ Admission Promotion incharge for Aurangabad region.
- ❖ STP I and STP II conduction for SE with 100% feedback.
- ❖ Rain Marathon winner in staff conducted by E-Citizen club.
- ❖ Coordinator for Honors Subjects in TE and BE Students with other Institute of STES, Lonavala.
- ❖ Appointed as Convener for Institute Innovation Council, SIT, Lonavala.2021
- ❖ Coordinator for Criteria I of NAAC.
- ❖ SPPU Insem Exam Microsoft Team Coordinator for SIT and SKNSITS, Lonavala Campus
- ❖ Admin and Endsem Exam coordinator for LLB and BALLB, Sinhgad Law College, Vadgaon.

- ❖ UPSC/MPSC/CAT/GRE/GMAT/Banking exams activities conduction in SIT,Lonavala.
- ❖ Appreciation letter by college for conducting Competitive Exam lecture series.
- ❖ Started Internship program in college for Antenna Design under ZinZout Teletech,Pune.
- ❖ Admission Promotion In charge for Aurangabad region.

Research publications:

Book Chapters: 01, International Journals: **09 Books Published:**

- Chapter Published in Springer Book Named “Optical and Wireless Technology”,2021

A. University Results:-

1. Semester I,

- ❖ **Subject taught: Electromagnetics and Transmission lines Class:-TE Div: A Result: - 100 %**
- ❖ **Subject taught: Artificial Intelligence and Machine Learning(Honors) Class:-TE (All Departments) Result: -100 %**

2. Semester II,

- ❖ **Subject taught: Broadband Communication System Class:-BE Div: A Result: -100 %**
- ❖ **Subject taught: Artificial Intelligence and Machine Learning(Honors) Class:-TE (All Departments) Result: -100 %**

B. Feedback by Students:

- ❖ **Electromagnetic and Transmission lines : TE (A): 96.3%**
- ❖ **Broadband Communication System BE (A):93.8 %**

C. Personal Achievements:

- ❖ **Received Honourary award by Maharashtra State Higher and Technical Department for excellent work in Career Katta at Sapkal Knowledge Hub, Nashik. May 2022.**
- ❖ **“BEST TEACHER AWARD YEAR 2018” at Institute level (Sinhgad Institute of Technology, Lonavala.)**
- ❖ **Appointed as Institute Coordinator for Competitive Exams for UG and PG under Government of Maharashtra Scheme “Career Katta” by SIT, Lonavala,2021**
- ❖ **Appointed as Convener for Institute Innovation Council, SIT, Lonavala.2021**
- ❖ **Appointed as Career Counseling Center –Head, STES, Lonavala from 1 January, 2021.**
- ❖ **Research Papers Published: International Journals: 10**
- ❖ **Published a Chapter in Book “Optical and Wireless Technologies” Springer Publication, 28 May, 2021.Titled “A Miniaturized Printed UWB Antenna with Sextuple Stop Bands Based on U-Shaped Slot Resonators and Split Ring Resonators for IoT Applications”**
- ❖ **Patent Filled for “Multipurpose Rover Using Artificial Intelligence in 5G Communication system”, at Government of India Patent Office, Mumbai.**
- ❖ **Successful Admin Operations of Microsoft Teams during Pandemic till date.**
- ❖ **Successful Implementation of “Voice Care Workshop for Teachers” under Higher and Technical Department, Government of Maharashtra.**
- ❖ **Qualification: Pursuing PhD. (Electronics) at VIT, Chennai.**
- ❖ **Successful Development of Online Teaching Feedback System for SIT, Lonavala and SKNSITS, Lonavala.**
- ❖ **Techtonic Highest Revenue and student Participation generated for continuous two Year for SIT, Lonavala.**
- ❖ **Coordinator for Yoga Sadhana for Students and Parents for 15 Days from, 10 May to 25 May, 2021.**
- ❖ **Coordinator for International Women Week Celebration from 8 to13 March,2021**
- ❖ **Speaker for “Artificial Intelligence and Machine Learning” Webinar on 26 Feb, 2021.**
- ❖ **Speaker for “Artificial Intelligence and Machine Learning” Webinar Series on 23 to 26 August, 2021.**
- ❖ **Activities under CCC: Webinars: 25, Workshops: 05, STTP: 02 in from January 2021.**

➤ **International Journals Published :**

- [1] **[“A Miniaturized Printed UWB Antenna with Sextuple Stop Bands Based on U-Shaped Slot Resonators and Split”](#)**, Optical and Wireless Technologies: Proceedings of OWT 2020.
- [2] **“Multipurpose Rover using Internet of Things and Artificial Intelligence in Wireless communication System”** IJSERM, Volume 5, Issue 9, April 2021.
- [3] **“Interacting Power Supplies: Making Internet Omnipresent Energy Gateways for Electronic Devices”**, IJRSET, Volume 4, Issue 10, October 2015
- [4] **“Drawing Out Information from WebPages with Visual Unit”**, IJAREEIE, Volume 4, Issue 10, October 2015
- [5] **“Signal Analysis using Wavelet-based Disturbance analysis for Power System Wide-Area Monitoring”**, IJERT, Volume. 4, Issue. 10, October - 2015
- [6] **“Review on Boiler Automation and Light Control in Sugar Industry”**, IJAREEIE, Volume 4, Issue 10, October 2015
- [7] **“Shrewd Cities with Internet of Things”**, IJARCCCE, Volume 4, Issue 10, October 2015
- [8] **“Cloud Computing in Robotics and Automation Systems”**, IJETTCS, Volume 4, Issue 5(2), September - October 2015

D. Contribution to Department:

1. **GATE/GRE/TOFEL/MBA/CAT Exam coordinator.**
2. **Subject Incharge for Artificial Intelligence and Machine Learning (Honors) (All Departments) and Electromagnetic and Transmission lines (TE E&TC).**
3. **Subject Incharge for Electromagnetic and Transmission lines (TE E&TC).**
4. **Coordinator and Judge for ETL day celebration in E&TC department.**
5. **TG for TE(A) and BE (A).**
6. **STP I and STP II conduction for SE with 100% feedback.**

E. Guest Lecture/Invited Talk/Expert lecture - Delivered

Sr. No	Topic	Duration and Date	Place	WSGL/IT/EL
1.	“Hands on Training on Effective use of Microsoft Teams Platform in Teaching Learning Methodology”	8 August 2020	STES, Lonavala	WS
2.	“Hands on Training on Effective use of Microsoft Teams Platform in Teaching Learning Methodology”	17 August 2020	SIPS,Lonavala	WS
3.	“Hands on Training on Effective use of Microsoft Teams Platform in Teaching Learning Methodology”	11 August 2020	SIBACA,Lonavala	WS
4.	“Hands on Training on Effective use of Microsoft Teams Platform in Teaching Learning Methodology”	10 August 2020	SKNCOET,Lonavala	WS

F. Guest Lecture/Invited Talk/Expert lecture - Organized

Sr. No	Topic	Duration and Date	Place	Role
01	Webinar on “Career Awareness” by Mr.Harshal Garad	19 Jan,2021	STES,Lonavala	Coordinator
02	Webinar on “IBM Skillbuild Orientation Program”	3 Feb,2021	STES,Lonavala	Coordinator
03	Webinar on “Foreign Language Program”	8 Feb 2021	STES,Lonavala	Coordinator
04	Webinar on “Foreign Language Program”	25 Feb 2021	STES,Lonavala	Coordinator
05	Webinar on ”Mission Gate 2022”	6 March 2021	SIT,Lonavala	Coordinator

06	“International Women Empowerment Week”	8 to 13 March 2021	STES,Lonavala	Coordinator
07	Webinar on “Empower yourself and Reach your Dream career Goals through E-Learning	17 April 2021	SIT,Lonavala	Coordinator
08	Webinar on “Career Opportunities and Scope in Semiconductor Industry”	3 April 2021	SIT,Lonavala	Coordinator
09	Webinar on “National level Conference on Cryptocurrency”	13 May 2021	STES,Lonavala	Coordinator
10	Webinar on “Study abroad with best Universities”	16 May 2021	STES,Lonavala	Coordinator
11	Webinar on ”Overview of IBM Skillbuild -Innovation Camp”	20 May 2021	SIT,Lonavala	Coordinator
12	Webinar on “Goal Mastery”	18 April 2021	STES,Lonavala	Coordinator
13	Webinar on “ICH Guidelines”	3 March 2021	STES,Lonavala	Coordinator
14	Webinar on “Opportunities and Preparation for MPSC”	15 May 2021	STES,Lonavala	Coordinator
15	Webinar on “Orientation on Innovation &Startups”	12 May 2021	STES,Lonavala	Coordinator
16	Webinar on “Intellectual Property Rights(IPR) & Patent Process	22 April 2021	STES,Lonavala	Coordinator

G. Seminars/STTP/FDP/Workshop/conference- Organized

Sr. No.	Title of Activity	Duration and Date	Place	WS/Conf/G L/IV/Comp
1.	STTP on “Statistics for AI&ML”	22 to 26 Feb 2021	SIT,Lonavala	WS
2.	Workshop on “Robotics and IOT”	20 March 2021	SIT,Lonavala	WS
3.	Workshop on “Cyber Security”	1 and 2 March 2021	SIT,Lonavala	WS
4	Two weeks “Yoga sadhana for students and Parents”	10 May to 25 May 2021	STES,Lonavala	WS



Place: Lonavala

Prof. Mayur. S. Raut

