



Sinhgad Institutes

**Sinhgad Technical Education Society's**  
**SINHGAD INSTITUTE OF TECHNOLOGY**

(Affiliated to Savitribai Phule Pune University and Approved by, AICTE, New Delhi.)

Gat No. 309/310, Kusgaon (Bk), off Mumbai –Pune, Expressway.

Lonavala, Pune, 410401, Website: [www.sinhgad.edu](http://www.sinhgad.edu)

**Department of Electronics and Telecommunication Engineering**

## Mentor/ Teacher Guardian Report

### Vision and Mission Statement: Institute

#### Vision

**उत्तमपुरुषान् उत्तमाभियन्तृन् निर्मातुं कटिबद्धाः वयम् ।**

We are committed to produce not only good engineers but good human beings, also.

#### Mission

We believe in and work for holistic development of students and teachers. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer.

### Vision and Mission Statement: E&TC Department

#### Vision

The department of Electronics & Telecommunication is committed to cultivate a path of delivering distinctive high quality education, fostering research, creativity and innovation to gratify the proficient requirements of forthcoming / staple industry.

#### Mission

M1: The department of Electronics & Telecommunication in partnership with all stakeholders will harness Talent, Potential for application based indigenous product development in future.

M2: Our Endeavour is to provide encouraging environment for life skill development of students while exercising effective Learning Strategies.

M3: We inculcate unique value system based on excellent academics in project based learning among students to explore and solve problems and challenges of real world applications.

#### Short Term Goals

- To improve the results of UG classes.
- To implement activity plan for overall development of students.
- To establish professional bodies/students forum for life skill development and expose students and faculty to latest business environment.
- To initiate relevant value addition programs and certifications for improving employability.
- To develop Laboratories for meaningful implementation of curriculum and then for Research.
- To encourage continuous up gradation of faculty members through higher education and external interface with other universities.

#### Long Term Goals

- To practice Project Based Learning (PBL) approach for UG program by creating collaborations with national and International institutions of reputation.

- To create opportunities for students to expose to industry environment through value addition programs and Industry projects for practical training.
- To foster research in the field of Electronics and Telecommunication Engineering for the benefit of society.
- IEEE International conference in the area of Wireless communication.

### **Program Educational Objectives**

PEO1: To develop students to achieve high level of technical expertise with Strong theoretical background and sound practical knowledge.

PEO2: To inculcate research environment for enhancement of Academia – Industry collaboration through conference.

PEO3: To prepare graduates to be sensitive to ethical, societal and Environmental issues while engaging their professional duties, Entrepreneurship and leadership.

PEO4: To Enhance ability of students for providing Engineering solution in a global and societal context.

PEO5: Pursue higher education for professional development

### **Program Outcomes: POs**

POs are statements that describe what students are expected to know and be able to do upon graduating from the program. These relate to the skills, knowledge, analytical ability attitude and behavior that students acquire through the program.

- i) **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- ii) **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- iii) **Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- iv) **Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems:
  - that cannot be solved by straightforward application of knowledge, theories and techniques applicable to the engineering discipline as against problems given at the end of chapters in a typical text book that can be solved using simple engineering theories and techniques;

- that may not have a unique solution. For example, a design problem can be solved in many ways and lead to multiple possible solutions;
  - that require consideration of appropriate constraints / requirements not explicitly given in the problem statement such as cost, power requirement, durability, product life, etc.;
  - which need to be defined (modelled) within appropriate mathematical framework; and
  - that often require use of modern computational concepts and tools, for example, in the design of an antenna or a DSP filter.
- v) **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- vi) **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- vii) **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- viii) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- ix) **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- x) **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- xi) **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- xii) **Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

### **Program Specific Outcomes: PSOs**

1. Get solid foundation in Design and Development of electronics modules useful to society
2. Able to handle skills developing programs.



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**Department of Electronics and Telecommunication Engineering**

**Title: TG Activity Report (Sem-I 2022-23)**

<b>Date:</b>	Sem-I
<b>Day:</b>	Every Wednesday
<b>Venue:</b>	Laboratories and class rooms
<b>Time:</b>	11:45 am to 12:15pm
<b>Staff Co-coordinator:</b>	Prof. V. G. Rajeshwarkar
<b>Student Coordinator:</b>	
<b>Event Conducted Under:</b>	Department of E&TC
<b>Activity Type:</b>	TG meetings
<b>Target Group:</b>	Students of E&TC Department.
<b>Program Outcome:</b>	Parental relation is developed between faculty and student.

**Brief Summary about Activity:**

- Teacher Guardian meet is conducted on every Wednesday for 30 minutes.
- Each teacher is assigned 15-20 students to have one to one interaction with them.
- In this semester total Sixteen (16) TG meetings were conducted.
- TG agenda is prepared by the TG coordinator & provided to every TG one day prior.
- Mentoring for SE & TE students by final year students is done in TG meets.
- In this meet students are motivated for improving their academic performance; they are also motivated for overall improvement.
- Though it is displayed on Notice board, students are informed about all activities personally.
- TG's look into their problems and try to solve it.

**Issues discussed and actions taken in the TG meeting:**

Sr.No.	Issued discussed	Actions Taken
1	Regarding preparation for offline exams	Writing was improved through various assignments.

**Prof. Vijaya Rajeshwarkar**

**TG Coordinator**

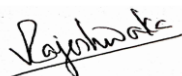


**Dr. D. D. Choudhary**

**HOD E&TC Dept.**

**Allocation of Teacher Guardian and Class Teacher Sem-I:**

Class	Class Coordinator	Teacher Guardian (TG)	Location	Contact number
S.E. (E&TC)	Prof. A. A. Labade (9890190671)	Prof. V.G.Rajeshwarkar - Roll No.1 to 16	B101	9423292099
		Prof. V. S. Baste - Roll No. 17 to 32	B102	9881431811
		Prof. S. S. Bhardwaj – Roll No. 33 to 48	B105	9922971486
		Prof. S. K. More - Roll No. 49 to 64	B202	9923049992
		Prof. M. K. Bhosale - Roll No. 65 onwards	B001	7588628575
T.E. (E&TC)	Prof. S. S. Patil (9922431617)	Prof. Vishal Bari - Roll No.01 to 23	B205	8600517040
		Prof. P. R. Dike - Roll No.24 to 46	B002	9422014174
		Dr. D. S. Mantri - Roll No.47 onwards	B201	9922431612
B.E. (E&TC)	Dr. S. B. Gholap (8668362312)	All project guides		



**Prof. Vijaya Rajeshwarkar**  
TG Coordinator



**Dr.D.D.Choudhary**  
HOD E&TC Dept.

**Sample TG meeting agenda:**

**Date: 30-11-2022**

**Agenda for Mentor/ TG Meeting on 30-11-2022.**

1. All students should maintain attendance above 75%.
2. Attendance for lectures and practical's is mandatory.
3. Students having attendance less than 75% may not be allowed for any exam.
4. Last date for Exam form filling for DSE – 30-11-2022.
5. Prelim exam for TE & BE – starts from 1<sup>st</sup> Dec. 2022.
6. Prelim exam for Honors subject – 8<sup>th</sup> December 2022.
7. Tentative dates for SPPU exams:  
**SPPU Practical/Oral Exam schedule for SE – 26<sup>th</sup> Dec. 2022 to 5<sup>th</sup> Jan. 2023**  
**Insem exam schedule for SE – 20<sup>th</sup> to 24<sup>th</sup> Dec. 2022.**  
**Endsem exam schedule for TE & BE – From 27<sup>th</sup> Dec. 2022.**  
**for SE – 9<sup>th</sup> Jan. 2023.**
8. Registration for foreign language (German & Japanese). Interested students should give their name to the class teacher of that class.
9. Registration of students for NPTEL courses.
10. Attendance for STP sessions is compulsory.
11. Various clubs in charges are:

Sr.	Name of club	Club incharge	Mobile no.
1	IEEE	Prof. V. S. Baste	9881431811
2	IETE	Prof. S. S. Bharadwaj	8446422331
3	IEI	Dr.S. B. Gholap	9763461767
4	e-SITizen club	Prof. S.K. More	9923049992
5	ISTE	Prof. V. G. Rajeshwarkar	9423292099
6	Vodafone club	Prof. S. S. Patil	9922431617
7	Spoken Tutorial	Prof. S. S. Bhardwaj	8446422331
9	Robotics club	Prof. Vishal Bari	8600517040

12. All students should actively participate in activities conducted by various clubs.
13. Attendance for guest lectures, extra input sessions, STPs, T & P activities, etc.
14. Attendance of students is compulsory for TG meeting.
15. For any grievances contact TG.
16. Any other point you feel important should be discussed.

**Prof. V.G.Rajeshwarkar**  
(TG Coordinator)



**Dr. D.D. Chaudhary**  
(Head of E&TC Department)

**TG Meeting Record:**


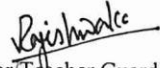

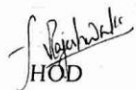
**Students Meeting Record (SEMESTER I/II)**

Meeting No. : 05 Date: 28/09/2022

Time: 11:45 am

No.	Points Discussed	Action Taken
1	Attendance importance.	Students started attending lectures regularly
2	Warning to students with <75% attendance	Improved attendance.
3	Registration to foreign language	A Seminar on foreign language arranged
4	Registration to NPTEL Courses.	Students registered for NPTEL
5	Attendance for STP sessions.	Attendance in STP improved.
6	Attendance to workshops & guest lectures	
7		
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	AB	07	Sumit	13	AB		
02	AB	08	AB	14	AB		
03	AB	09	AB	15	AB		
04	AB	10	AB	16	AB		
05	AB	11	AB				
06	AB	12	AB				

 Student  
 Mentor/Teacher Guardian  
 Class Teacher  
 HOD  
 Kalyani Rajwadekar





**Students Meeting Record (SEMESTER I/II)**

Meeting No. : 06 Date: 12/10/2022

Time: 11:45 am

No.	Points Discussed	Action Taken
1	Attendance for lectures & practicals	Attendance was improved
2	Completion of all write ups	Students started completing their writeups
3	One more warning to students	Parents were informed about
4	with less than 75% attendance	the students with less than 75% attendance
5		
6		
7		
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	AB	07	Sumit	13	AB	19	AB
02	AB	08	AB	14	AB	20	AB
03	AB	09	AB	15	AB		
04	AB	10	AB	16	AB		
05	AB	11	AB	17	AB		
06	AB	12	AB	18	AB		

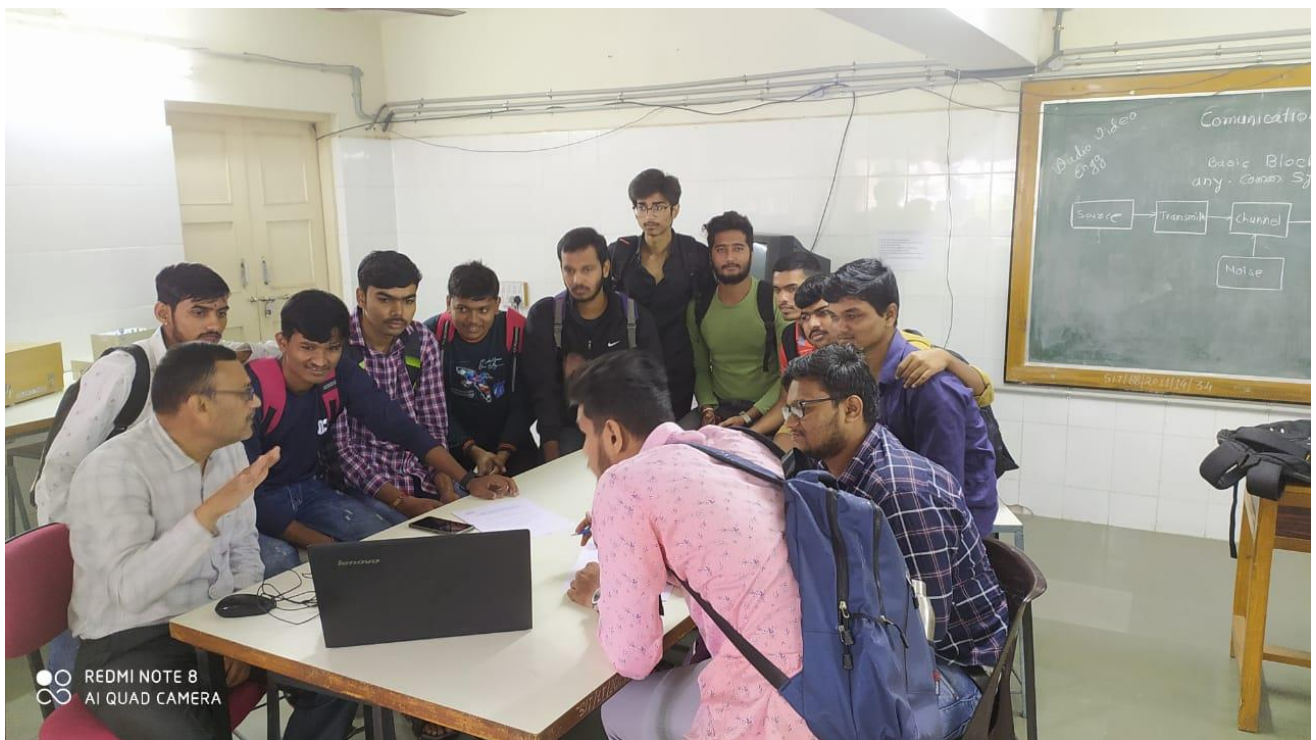
 Student  
 Mentor/Teacher Guardian  
 Class Teacher  
 HOD  
 अश्विनी पोतदार

## Call record:

- 1 - On 10<sup>th</sup> he will start. Father.
- 2 - Ganesh Bansode Dental treatment will come on Monday.
- 3 - Bunde OM Not feeling well - will come on 12<sup>th</sup> sept. Father
- 4 - Sumit Biranwar Due to reservation problem could not come, will come on 17<sup>th</sup> sept. Father. Sister.
- 5 - Sagar Borkar - Student.
- 7 - Karangutkar Tanmay Will come on 12<sup>th</sup> sept. Father.
- 8 - Mahesh Rupaniwar Reported two days back. Father.
- 9 - Sanskar Gandhewar. Start today & reach tomorrow. Father.
- 11 - Rishiya Alekar. → Due to hostel fees did not report. Mother.
- 12 - Bhandarwar Shreyash → will report on 13<sup>th</sup> sep. Father.
- 14 - Bhawesh Narkhede → suffering from typhoid. will report on 12<sup>th</sup> sept.
- 16/9/22
- 1 - ~~12~~ Narkhede informed father. Father.
- 7 - Biranwar Sumit. Shivpal — Will come on 19<sup>th</sup> sept.
- 8 - Raut Khushi — Student - Not receiving call.
- 9 - Ganesh Nage — Mother - In college



**Photographs of the activity**



REDMI NOTE 8  
AI QUAD CAMERA

*Vijayashwarkar*

**Vijaya Rajeshwarkar**  
**TG Coordinator**



*Dr. D. D. Choudhary*

**Dr.D.D.Choudhary**  
**HOD E&TC Dept.**