

Mentor/ Teacher Guardian Report

Vision and Mission Statement: Institute

Vision

उत्तमपुरुषान् उत्तमाभियंतृन् 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.



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

Department of Electronics and Telecommunication Engineering

Title: TG Activity Report (Sem-II 2022-23)

Date:	Sem-II
Day:	Every Wednesday
Venue:	Laboratories and class rooms
Time:	11:45 am to 12:30pm
Staff Co-coordinator:	Prof. V. G. Rajeshwarkar
Student Coordinator:	
Event Conducted Under:	Department of E&TC
Activity Type:	TG meetings
Target Group:	Students of E&TC Department.
Program Outcome:	Parental relation is developed between faculty and student.

Brief Summary about Activity:

- Teacher Guardian meet is conducted on every Wednesday for 45 minutes.
- Each teacher is assigned 15-20 students to have one to one interaction with them.
- In this semester total Ten (10) 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	To start GATE classes	GATE classes started for students.

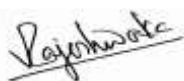
Prof. Vijaya Rajeshwarkar
TG Coordinator



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

Allocation of Teacher Guardian and Class Teacher Sem-II:

Class	Class Coordinator	Teacher Guardian (TG)	Location	Contact number
S.E. A (E&TC)	Prof. S. S. Patil (9922431617)	Prof. S. K. More - Roll No.1 to 19	B202	9923049992
		Prof.P.R.Dike - Roll No.20 to 39	B001	9422014174
		Prof. S. S. Patil - Roll No. 78 to 93	B106	9922431617
S.E. B (E&TC)	Prof. A. A. Labade (9890190671)	Dr.S.B.Gholap – Roll No. 40 to 58	B205	8668362312
		Prof. V.S.Bari - Roll No. 59 to 77	B207	8600517040
		Prof.A.A.Labade - Roll No. 94 to 110	B208	9890190671
T.E. (E&TC)	Prof.M.K. Bhosale (7588628575)	Prof.M.K. Bhosale - Roll No.01 to 20	B002	7588628575
		Prof. P.S. Mhetre - Roll No.21 to 43	B102	9404249846
		Dr. D. S. Mantri - Roll No.44 onwards	B201	9922431612
B.E. (E&TC)	Prof.V.G. Rajeshwarkar (9423292099)	Prof.V.G. Rajeshwarkar – Roll No. 01 to 17	B101	9423292099



Prof. Vijaya Rajeshwarkar
TG Coordinator



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

Sample TG meeting agenda:

Date: 26-04-2023

Agenda for Mentor/ TG Meeting on 26-04-2023 at 11.45 am.

1. All students should attend lectures and practical's regularly.
2. Discuss regarding importance of attendance and term work distribution with the students.
3. Discuss with students regarding norms for internal assessment.

Internal assessment scheme of **50 marks** is as follows:

Sr.No.	Particulars	TW Marks
1	Attendance	20
2	Unit Test (60% or above)	5
3	Prelim (60% or above)	10
4	Practical Continuous Assessment	10
5	Mock Practical Exam	5
	Total	50

Students can also earn over and above marks based on various parameters like paper presentation, NPTEL course, Sports activities, various club activities, VAP etc.

4. Students having attendance less than 75% may be detained and may not be allowed for any exam.
5. Miniproject (for TE) and Project (for BE) exhibition is scheduled on 4th May 2023. It is mandatory for all TE & BE students to exhibit their projects.
6. Termend
TE & BE- 10th May 2023.
SE – 20th May 2023.
7. All students should complete their practical write-ups and get it checked in time.
8. Prelim exam for TE & BE – 15th to 19th May 2023. Detailed schedule will be displayed later.
9. Registration for foreign language (German & Japanese). Interested students should give their name to the class teacher of that class.
10. Registration of students for NPTEL courses.
11. Students should submit different creativities (poem, blog, sketch, any other creative thing) to display on wall magazine (Prof.S.S.Patil).
12. Discuss regarding GATE classes to be started in college.
13. Attendance for STP sessions is compulsory.
14. Various clubs in charges are:

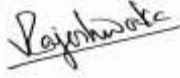
Sr. No.	Name of club	Club incharge	Mobile no.
1	IEEE	Dr.D.S.Mantri	9922431612
2	IETE	Prof. P.R.Dike	9422014174
3	IEI	Dr.S.B.Gholap	9763461767
4	e-SITizen club	Prof. S.K. More	9923049992
5	ISTE	Prof. V. G. Rajeshwarkar	9423292099
6	Vodafone club	Prof. S. S. Patil	9922431617
7	Spoken Tutorial	Prof. V.D.Raskar	9421004998
9	Robotics club	Prof. Vishal Bari	8600517040

15. Attendance for guest lectures, extra input sessions, STPs, T & P activities, etc.

16. Attendance of students is compulsory for TG meeting.

17. For any grievances contact TG.

18. 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. : 7 Date: 26/04/2023 Time: 11:45am to 12:15 pm

No.	Points Discussed	Action Taken
1	Attendance for theory & practicals	Improvement in attendance
2	Project exhibition on 4 th May 2023	Students participated in exhibition
3	Tennant - 10 th May 2023	Syllabus completion
4	Prelim exam - 15 th to 19 th May 23	Preparation for prelim
5	Completion of practical write-up.	
6		
7		
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	A	07	Nandu	13	A		
02	Pratik	08	Sahil	14	A		
03	A	09	A	15	A		
04	A	10	Indy	16	P		
05	Pratik	11	A	17	A		
06	Omara C.	12	A				

Nandu
Student
Pratik
Mentor/Teacher Guardian
Pratik
Class Teacher
HOD

Students Meeting Record (SEMESTER I/II)

Meeting No. : 8 Date: 03/05/2023 Time: 11:45am to 12:15 pm

No.	Points Discussed	Action Taken
1	Attendance for theory & practical	Overall attendance improved
2	Schedule of Mock OR/PP.	Next students started preparing
3	Schedule of Prelim	for Mock, Prelim &
4	Tentative dates for university	university exams.
5	exams (PR/OR).	
6	22 nd to 26 th May 23 - Backlog	
7	24 th to 26 th May 23 - Regular	
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	A	07	Nandu	13	A		
02	A	08	Sahil	14	Pratik		Pratik
03	A	09	A	15	A		
04	Pratik	10	Indy	16	A		
05	Pratik	11	A	17	A		
06	Omara C.	12	A				

Sahil
Student
Pratik
Mentor/Teacher Guardian
Pratik
Class Teacher
HOD

Call record:

Telephone Record

Class:	BE	Roll No:	07	Name of Student:	Chande Namrata Namdev
Cell No:	7410714574	Parent No:	9850650035	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/02/2023	2:32pm	Student	Doing classes → will report soon.

Telephone Record

Class:	BE	Roll No:	08	Name of Student:	Bhojankar Balil Shyam
Cell No:	9922533297	Parent No:	9579231682	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/2/2023	2:30pm	← student no. not reachable / parent not receiving	
11/3/2023	3:00pm	Student	Will report from Monday due to some cr. issues
8/3/2023	4:27pm	Student	← Will report on Friday → issues at home
27/2/23	9:08am	← mobile switched off	

Telephone Record

Class:	BE	Roll No:	09	Name of Student:	Pazare Shreyas Ravindranath.
Cell No:	9561532681	Parent No:		Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/2/2023	2:28 pm	← Student not receiving call & parent no. temporarily out of service	
11/3/2023	2:59 pm	← Not receiving call	

P. Rajhwal

Telephone Record

Class:	BE	Roll No:	10	Name of Student:	Singh Lucky Santosh Kumar
Cell No:	865225994	Parent No:	9768829418	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/02/2023	2:23 pm	Student	Will report within 1-2 days
27/3/23	9:06 am	← Call not received	

Telephone Record

Class:	BE	Roll No:	11	Name of Student:	Binzade Ritika Jagdish
Cell No:	8225015059	Parent No:	9960720408	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/02/2023	2:23 pm	Father	Will ask her to attend lectures

Telephone Record

Class:	BE	Roll No:	12	Name of Student:	Gomsak Ram Narendra.
Cell No:	8308363238	Parent No:	9822573403	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
13/02/2023	2:17 pm	Father	Will come tomorrow.
11/3/2023	2:54 pm	Father	In campus only, will send tomorrow without fail.
27/3/23	9:09 am	← Call not received	

Photographs of the activity



Vijayawate

Vijaya Rajeshwarkar
TG Coordinator



D.D. Choudhary

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