



Sinhgad Institutes

SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to Savitribai Phule Pune University & Approved by AICTE, New Delhi)
Accredited by NAAC with grade "A"

Gat No. 309/310, off Mumbai Pune Expressway Kusgaon (Bk), Lonavala Pune – 410401

Department of Electronics and Telecommunication

Mentor/ Teacher Guardian Report

Vision and Mission Statement: Institute

Vision

उत्तमपुरुषान् उत्तमाभियन्तुन् 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

Title: TG Activity Report (Sem-I 2023-24)

Date:	Sem-I
Day:	Every Wednesday
Venue:	Laboratories and class rooms
Time:	11:45 am to 12:30pm
Staff Co-coordinator:	Dr. 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 Twelve (12) TG meetings were conducted for TE & BE classes and Fifteen (15) meetings for SE.
- 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 foreign language classes	Initiation for German & Japanese language
2	Lab for students to do research work	R&D center of excellence started for students

Dr. 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. A (E&TC)	Prof.M.K. Bhosale (7588628575)	Prof. M. K. Bhosale – Sr. No. 1 to 20	B002	7588628575
		Dr. P. R. Dike - Sr. No. 21 to 40	B001	9422014174
		Dr. D. S. Raskar - Sr. No. 41 onwards	B204	7021486190
S.E. B (E&TC)	Prof. A.A. Labade (9890190671)	Prof. A. A. Labade – Sr. No. 1 to 20	B208	9890190671
		Dr. V. G. Rajeshwarkar - Sr. No. 21 to 40	B101	9423292099
		Dr. S. B. Gholap - Sr. No. 41 onwards	B206	8668362312
T.E. A (E&TC)	Prof. S. S. Patil (9922431617)	Prof. S. S. Patil - Sr. No. 01 to 18	B106	9922431617
		Prof. S. S. Salve - Sr. No. 19 to 36	B107	9561821394
		Prof. V. D. Raskar - Sr. No. 37 onwards	B102	9421004998
T.E. B (E&TC)	Prof. S. K. More (9923049992)	Dr. D. S. Mantri - Sr. No. 1 to 18	B201	9922431612
		Prof. S. K. More - Sr. No. 19 to 36	B202	9923049992
		Prof. S. S.Bharadwaj - Sr. No. 37 onwards	B105	9922971486
B.E. (E&TC)	Dr. S. B.Gholap (8668362312)	All project guides – Roll No. 01 to 64		

Vijaywarkar

Dr. Vijaya Rajeshwarkar
TG Coordinator



D.D.Choudhary

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

Sample TG meeting agenda:

Date: 27-09-2023

Agenda for Mentor/ TG Meeting on 27-09-2023

1. TG meeting will be conducted on every Wednesday at 11.45am.
2. All students should attend lectures and practicals regularly.
3. Discuss regarding importance of attendance and term work distribution with the students.
4. Termend for TE & BE – 31st Oct. 2023.
5. UT-I – Scheduled from 18th – 20th Oct. 2023 (TE & BE).
Syllabus- Unit 3 & 4.
6. Insem exam for SE from 9th Oct. 2023.
7. UT-II - scheduled on 1st, 2nd & 3rd Nov. 2023 on unit 5 & 6 (TE & BE).
8. Discuss with students regarding norms for internal assessment (discuss in detail as per sheet provided by HoD).

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

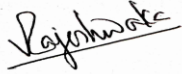
Sr.No.	Particulars	TW Marks
1	Attendance (If attendance in theory – 75% & attendance in Practical 100%, full marks for the attendance)	10
2	STP & T&P activities – QALR, ET, GD/PI Sessions, Technical presentation by students, etc.	05
3	Examination – Unit Tests, Prelim Exam. (60% Performance-Full Marks)	10
4	Assignment – At the end of each unit	05
5	Practical Continuous Assessment	20
	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.

9. Identify students with interest & knowledge of Robotics & drones.
10. R&D centre of excellence open for students from 5 to 9pm and on Saturdays & Sundays.
11. Discuss regarding CCC activities and ensure that students register by paying Rs.365 (TE students).
12. Ensure that students take membership of various professional clubs.
13. Discuss regarding eligibility for placement of students.
14. Registration for foreign language (German & Japanese). Interested students should contact Prof. C. A. Mhetre.
15. Opportunities for students with Japanese language certification.
16. 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. D. S. Raskar	7021486190
10	Foreign Language	Prof. C. A. Mhetre	9960494651

17. Attendance for guest lectures, extra input sessions, STPs, T & P activities, etc.
18. Attendance of students is compulsory for TG meeting.
19. For any grievances contact TG.
20. Any other point you feel important should be discussed.



Dr. 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. : 09 Date: 25/10/2023 Time: 11:45am

No.	Points Discussed	Action Taken
1	Attendance for theory & practicals	Attendance improved.
2	Parent's meet on 27 th Oct-2023	Calling to parents for parents meet.
3	Membership for various clubs.	Students completed membership.
4	Registration for foreign languages	
5	Provision list of students below	List displayed.
6	SD: attendance	
7	R&D center of excellence.	
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
SEB 21	<i>[Signature]</i>	SEB 27	AB	SEB 33	<i>[Signature]</i>	SEB 39	<i>[Signature]</i>
22	<i>[Signature]</i>	28	AB	34	<i>[Signature]</i>	40	AB
23	AB	29	<i>[Signature]</i>	35	AB		
24	<i>[Signature]</i>	30	AB	36	AB		
25	<i>[Signature]</i>	31	AB	37	<i>[Signature]</i>		
26	<i>[Signature]</i>	32	AB	38	AB		

[Signature]
Student

[Signature]
Mentor/Teacher Guardian

[Signature]
Class Teacher

[Signature]
HOD

Students Meeting Record (SEMESTER I/II)

Meeting No. : 10 Date: 01/11/2023 Time: 11:45am

No.	Points Discussed	Action Taken
1	Importance of attendance	Improvement in attendance.
2	Termend - 24 th Nov 2023.	Termend extended
3	Filling training card	Students filled & submitted training card
4	Discussion about eligibility & skills for	
5	Placement.	
6	Registration to foreign language.	
7		
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
SEB 21	<i>[Signature]</i>	SEB 27	P	SEB 33	AB	SEB 39	AB
22	<i>[Signature]</i>	28	P	34	<i>[Signature]</i>	40	P
23	AB	29	<i>[Signature]</i>	35	AB		
24	<i>[Signature]</i>	30	<i>[Signature]</i>	36	AB		
25	<i>[Signature]</i>	31	<i>[Signature]</i>	37	<i>[Signature]</i>		
26	<i>[Signature]</i>	32	AB	38	AB		

[Signature]
Student

[Signature]
Mentor/Teacher Guardian

[Signature]
Class Teacher

[Signature]
HOD

Call record:

Telephone Record

Class:	SE	Roll No: #	13	Name of Student:	Aryan Mahesh Bhurke
Cell No:	8369788278	Parent No:	9987108844	Fees Paid	All

Date	Time	Call Received by	Instruction / Discussion (In short)
18/10/23	11:45	Mother	she is ready to come for parent meet
29/02/2024	9:09	Student	NO ans / he will be in class
15/01/24	10:25	Father	will report on tomorrow

Telephone Record

Class:		Roll No:	14	Name of Student:	Kurme Onkar
Cell No:	8805519855	Parent No:	9975053674	Fees Paid	

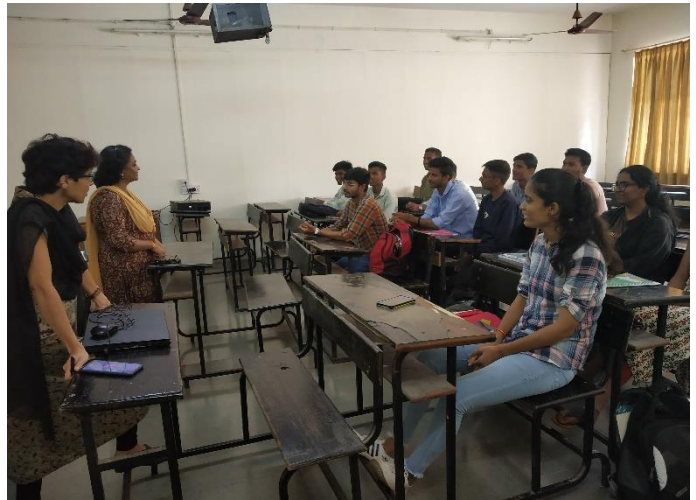
Date	Time	Call Received by	Instruction / Discussion (In short)
29/02/2024	9:11	parent student	services are not available NO ans

Telephone Record

Class:	SE	Roll No:	15	Name of Student:	Grishma Dilip Dalvi
Cell No:	7798523726	Parent No:	9637548844	Fees Paid	50,000

Date	Time	Call Received by	Instruction / Discussion (In short)
18/10/2023	11:40	Father	he is ready to come for parent meet.
15/01/2024	10:30	Father	will report on Wednesday
29/02/2024	9:12	student parent	no ans he will send his card

Photographs of the activity



Vijayawate

Dr. Vijaya Rajeshwarkar
TG Coordinator



D. D. Choudhary

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