



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-II 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 Nine (09) TG meetings were conducted and one TG agenda was conveyed to the parents through the WhatsApp group.
- 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	Starting of Value addition programs	Centre of excellence for IoT and Embedded System started.
2	Lab for students to do research work	R&D center of excellence started for students

Dr. Vijaya Rajeshwarkar

TG Coordinator



Dr.D.S. Mantri

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. Salve (9561821394)	Prof. M. K. Bhosale – Roll No. 1 to 19	B002	7588628575
		Dr. P. R. Dike - Roll No. 20 to 39	B001	9422014174
		Prof. S. S. Salve - Roll No. 40 to 60	B204	9561821394
S.E. B (E&TC)	Prof. A.A. Labade (9890190671)	Prof. A. A. Labade – Roll No. 1 to 18	B208	9890190671
		Dr. V. G. Rajeshwarkar - Roll No. 19 to 37	B101	9423292099
		Dr. S. B. Gholap - Roll No. 38 to 54	B206	8668362312
T.E. A (E&TC)	Prof.V.D.Raskar (9421004998)	Prof. S. S. Patil - Roll No. 01 to 15	B106	9922431617
		Prof. S. S. Asane - Roll No. 16 to 28	B107	9325642433
		Prof. V. D. Raskar - Roll No. 29 to 45	B102	9421004998
T.E. B (E&TC)	Prof. M. K. Bhosale (7588628575)	Dr. D. S. Mantri - Roll No. 1 to 19	B201	9922431612
		Prof. S. K. More - Roll No. 20 to 37	B202	9923049992
		Prof. S. S. Bharadwaj - Roll No. 38 to 56	B105	9922971486
B.E. (E&TC)	Dr. V. G. Rajeshwarkar (9423292099)	All project guides – Roll No. 01 to 57		

Rajeshwarkar

Dr. V.G. Rajeshwarkar
(TG Coordinator)



Chaudhary

Dr. D.D. Chaudhary
(Vice- Principal & HOD, E&TC Dept.)

Sample TG meeting agenda:

Date: 27-03-2024

Agenda for Mentor/ TG Meeting on 27-03-2024

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. Discuss with students regarding norms for internal assessment.
Internal assessment scheme of **50 marks** is as follows:

SN	PARTICULARS	Marks		
		FE	SE/TE	BE
01	Attendance (TH, PR , TG, Events, STPs, Training etc.)	15	15	10
02	Average of All Internal Tests	10	10	10
03	Prelim Exams	05	05	10
04	Practical Continuous Assessments	10	10	10
05	Assignments	05	05	05
06	Mock Practical Exams	05	05	05
Total		50	50	50

Students can also earn over and above marks based on various parameters like LCD Presentations, GDs, Profile & Project Presentations, Mock Interviews, Aptitude Tests etc. as per directives every semester.

5. **Mini project** presentation for **TE – 3rd April 2024**
Project presentation for BE for – **4th April 2024.**
6. Alumni meet on 6th April 2024.
7. Termend **BE – 10th April 2024**
SE & TE – 19th April 2024.
8. Tentative dates for **SPPU practical exams**
BE – 23rd April
SE & TE – 2nd May 2024.
9. **Students' eligibility test on Friday i.e. 29th March 2024. All parents make sure that your ward appears for the online exam in the given slot.**
10. SE & TE students should register for Student Training Program under Centre of excellence for IoT and Embedded System. For more details contact Pro. S. S. Patil.
11. Registration for foreign language (German & Japanese). Interested students should contact Prof. C. A. Mhetre.
12. All BE students should present paper in IEEE TKD conference. Contact Prof. M. K. Bhosale for details.
13. Enrolment for NPTEL course is mandatory.
14. Ensure that students take membership of various professional clubs.
15. Discuss regarding eligibility and skills required for placement of students.

16. Various clubs in charges are:

Sr. No.	Name of club	Club in charge	Mobile no.
1	IEEE	Dr. D. S. Mantri	9922431612
2	IETE	Dr. P. R. Dike	9422014174
3	IEI	Dr. S. B. Gholap	9763461767
4	ISTE	Dr. V. G. Rajeshwarkar	9423292099
5	e-SITizen club	Prof. S.K. More	9923049992
6	Dynamisity (Authorised Microsoft partner) CRM club	Prof.S. S. Patil	9922431617
7	Spoken Tutorial & virtual lab	Prof. V. D. Raskar	9421004998
8	Foreign	Prof. C. A. Mhetre	9960494651
9	Robotics Club	Prof.S.S.Salve	9561821394

17. R&D centre of excellence open for students from 5 to 9pm and on Saturdays & Sundays.
18. Attendance for guest lectures, extra input sessions, STPs, T & P activities, etc.
19. Attendance of students is compulsory for TG meeting.
20. For any grievances contact TG.
21. 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. : 01 Date: 24/01/2024 Time: 11:45 to 12:15 pm

No.	Points Discussed	Action Taken
1	Importance of attendance	
2	Norms for internal assessment.	
3	Registration for NPTEL courses.	
4	German & Japanese language certification.	Students enrolled for same.
5	Participation in Techtronic & Surabhi	Students enrolled for events.
6	Information about various clubs	Students became members of various clubs.
7	Regarding eligibility & skills required	
8	for placement	

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
19		25		31	AB		
20		26	AB	33			
21		27	AB	34			
22	AB	28	AB	35	AB		
23		29	AB	36	AB		
24		30		37	AB		

Student
 Mentor/Teacher Guardian
 Class Teacher
 HOD

Students Meeting Record (SEMESTER I/II)

Meeting No. : 02 Date: 31/01/2024 Time: 11:45 to 12:15 pm.

No.	Points Discussed	Action Taken
1	Revised internal assessment norms.	
2	Importance of attendance	Called to absent students to improve attendance
3	UT-I - 5 th to 9 th Feb. 24	
4	Registration to NPTEL Courses.	Students registered for course.
5	Foreign language certification	Students started enrolling.
6	Surabhi on 4 th Feb. 24	
7	Attendance Techtronic from 14 th Feb.	
8		

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
19		25		31		37	AB
20		26		33			
21		27	AB	34			
22		28	AB	35	AB		
23		29	AB	36			
24		30					

Student
 Mentor/Teacher Guardian
 Class Teacher
 HOD

Call record:

Telephone Record

Class:	SE	Roll No: 22	Name of Student: Utkarsh Aditya Dnyaneshwar		
Cell No:	8010081554	Parent No:	7350734483	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
23/01/24	2:21 pm	Student	Not feeling well, will come on 25 th or 26 th Jan 24
29/01/24	10:45 am	Student	Started from Pune, will come today
06/2/24	2:42 pm	Student	Not feeling well (in hostel)
03/4/24	4:15 pm	Student	Hand injured (in hostel)
10/4/24	12:21 pm	Father	Will wash the wound for attending
23/4/24	9:50 am	Uncle	Was at home

Telephone Record

Class:	SE	Roll No: 23	Name of Student: Sable Om Kailash		
Cell No:	7741816747	Parent No:	9272031765	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
29/01/24	10:47 am	Student	Missed first lecture, now in college.
3/4/24	4:19 pm	Sister / Father	At home, will come within 2 days.

Telephone Record

Class:	SE	Roll No: 24	Name of Student: Anushka Thakur		
Cell No:	9065340746	Parent No:	7209403443	Fees Paid	

Date	Time	Call Received by	Instruction / Discussion (In short)
6/2/24	2:52 pm	← Call not received →	
	2:45 pm		
	3:23 pm	Called back & told friend is not well, so took her to hospital.	

Telephone Record

Class:	SE	Roll No: 25	Name of Student: Bagade Soniya Sanat
Cell No:	885688598	Parent No: 7507661429	Fees Paid
Date	Time	Call Received by	Instruction / Discussion (In short)
6/2/24	2:53 pm	← Call not received	
3/4/24	4:22 pm	Mother	Attend classes after lunch break

Telephone Record

Class:	SE	Roll No: 26	Name of Student: Bhatilak Sakshi Gajanan
Cell No:	9970237112 7447360756	Parent No: 7666279478 9970237112 - Father	Fees Paid
Date	Time	Call Received by	Instruction / Discussion (In short)
23/01/24	11:00 am	Student	Started & will attend lectures from 24 th Jan.

Telephone Record

Class:	SE	Roll No: 27	Name of Student: Gursali Rahul Rajkumar
Cell No:	9588648533	Parent No: 8767902576	Fees Paid
Date	Time	Call Received by	Instruction / Discussion (In short)
23/01/24	2:35 pm	Student	Will come from 24 th Jan 24.
29/01/24	10:50 am	Mother	Due to cricket matches not able to attend lectures.
6/2/24	2:58 pm	Student	Today is last day of tournament, will come in 2 days.
3/4/24	4:25 pm	← call cannot be connected to parent & student not receiving call.	
10/4/24	12:26 pm	← Call not connected to parent & student not received call	
23/4/24	9:43 am	← call not connected to parents & student not receiving call after calling multiple times	

Photographs of the activity



Vijayawate

Dr. Vijaya Rajeshwarkar
TG Coordinator



D. S. Mantri

Dr. D. S. Mantri
HOD E&TC Dept.