



Sinhgad Institutes

SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to Savitribai Phule Pune University, Pune & Approved by AICTE)

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

website: sit.sinhgad.edu

Department of Electrical Engineering

Mentor-mentee/ Teacher Guardian Report AY 2020-21

Vision and Mission Statement: Institute

उत्तमपुरुषान् उत्तमाभियन्तुन् निर्मातुं कटिबद्धाः वयम् ।

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

Mission

Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity & technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant Society.

QUALITY POLICY

Our Quality Policy is aimed at achieving the excellence in technical education, by acquiring autonomous status to the institutes with recognition at national and international level. For this, we are committed to:

- Provide excellent infrastructure facilities.
- Employ highly qualified and experienced faculty.
- Encourage the faculty for improvement in qualifications.
- Promote the institute - industry interaction.
- Create environment for research and getting industry-sponsored projects for students.

Vision and Mission Statement: Electrical Department

VISION

To establish as a prime center in the field of education for Electrical Engineering to produce competent Electrical Engineers to serve the industry and society

MISSION

M1: To create research environment to face the emerging technological challenges for the benefit of society.

M2: To strengthen industry-institute interface for developing teamwork, internship and entrepreneur skills.

M3: To strengthen the skills to present and communicate technical aspects professionally.

Short Term Goals

- To continuously upgrade existing resources through qualified and experienced faculty and state-of-the-art laboratories
- To strengthen the Institute-Industry relationship for mutual benefit
- To establish quality learning environment in the department of electrical engineering
- To start e-learning and strengthening LRDC/LRUC (Learning Resource Development Center / Learning Resource Utility Center)
- To bridge the communication gap by using all available resources and hence strengthen human resource.
- To initiate value addition programs and certification examinations for life skill development of student.
- To establish project-based learning model for real life learning to improve academic performance of students and maintain high placement record.

Long Term Goals

- Starting of PhD Program in collaboration with nationally and internationally recognized Institutes/Universities
- To adopt project based learning approach for UG and PG program through Value Addition Programme, Lab Innovations, and Industry Sponsored Projects
- Continuous upgradation of faculty members through higher education and external interface with foreign universities
- To provide dynamic curriculum to meet the requirements of industries
- To create excellent teaching-learning facilities
- To strengthen the research and product development efforts for supporting indigenous market.

Program Educational Objectives (PEOs)

Program Educational Objectives (PEOs)	
PEO1	Engage in designing, manufacturing, testing, operating and/or maintaining systems in the field of electrical engineering and industries
PEO2	Solve problems of social relevance applying the knowledge of electrical engineering, and/or pursue higher education and research.
PEO3	Engage in lifelong learning, career enhancement and adopt to changing professional and social needs.

Program Specific Outcomes (PSOs)

Program Specific Outcomes (PSOs)	
PSO1	To apply the fundamental knowledge of Mathematics, Science, and Electrical Engineering to analyse and solve the complex problems in Electrical and allied interdisciplinary areas
PSO2	To apply the appropriate techniques and modern engineering hardware and software tools in electrical engineering to engage in life-long learning and to successfully adapt in multi-disciplinary environments

Program Outcomes (POs)

List of Program Outcomes (POs)		
PO1	Engineering Knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	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.
PO3	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.
PO4	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.
PO5	Modern Tool Usage:	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	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
PO7	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.
PO8	Ethics:	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and Team Work:	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	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.
PO11	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.
PO12	Life-Long Learning:	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Mentor-Mentee/ TG Activity Report (AY 2020-21)

Date:	Sem-I & II
Day:	Thursday
Venue:	Microsoft Teams (Online mode)
Time:	10:30AM to 11:00AM
Staff Co-coordinator:	Ms. S.P. Mhangade
Student Coordinator:	Mr. Sameep Gameet
Event Conducted Under:	Department of Electrical
Activity Type:	TG meetings
Target Group:	Students of Electrical Department.
Program Outcome:	Parental relation is developed between faculty and student for overall development .

Brief Summary about Activity:

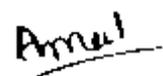
- Teacher Guardian meet is conducted on every Saturday for 30 minutes.
- Each teacher is assigned 10-15 students to have one to one interaction with them.
- In this semester total Ten (10) TG meetings were conducted.
- TG agenda is prepared by the TG coordinator & provided to every TG one day prior.
- 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	Regarding receiving of fee receipt from office.	It was communicated to the office and receipt was given to the students.
2	Students had problem filling exam form	It was solved with the help from office.



Ms. S.P. Mahangade
TG Coordinator



Mr. A. A. Kalage
HOD Electrical

List of Teacher Guardian

SEM – I 2020-21


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Department of Electrical Engineering

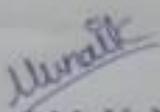
Date: 17/07/2020

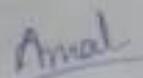
List of Teacher Guardian
Academic Year 2020-21 SEM I

Sr. No	Class	Class Teacher	Roll No.	Location	Name of TG	Contact no.
1	SE	Prof P. D. Sonavane (9689807422)	01 To 17	F-124	Prof P. D. Sonavane	9689807422
2			17 To 34	F-125	Prof. S. B. Jadhav	9096998571
3			34 To 51	F-126	Prof. J. A. Khobragade	9403979496
4			51 To 66	F-022	Prof.S.P.Mahangade	955265242
5	TE	Prof M.U. Naik (9890178059)	01 To 17	F-124	Prof M.U. Naik	9890178059
6			17 To 35	F-125	Prof. G. R. Walke	8976002105
7			36 To 54	F-126	Prof A. V. Tambane	9975290917
8	BE	Prof. M.S. Shinde (9890178059)	01 To 16	F-124	Prof. M. S. Shinde	9890178059
9			17 To 35	F-125	Prof. S. V. Tade	8605165256
10			36 To 67	F-126	Prof. M. N. Kalgunde	9011066137

Note:
1. A teacher guardian should maintain all records of student.
2. If student remains absent for continuous three lectures then teacher guardian will bring it to notice of respective to the H.O.D.




Prof. M. U. Naik
TG Incharge
(8007775294)


Prof. A. A. Kalage
HOD(Electrical)
(8605033245)

List of Teacher Guardian

SEM – II 2020-21


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Department of Electrical Engineering

Date: 1/01/2021

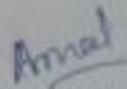
List of Teacher Guardian
Academic Year 2020-21 SEM II

Sr. No	Class	Class Teacher	Roll No.	Location	Name of TG	Contact no.
1	SE	Prof. S. P. Mahangade (9552675242)	01 To 15	F-124	Prof. S. P. Mahangade	9552675242
2			15 To 30	F-125	Prof. S. B. Jadhav	9096998571
3			30 To 45	F-126	Prof. J. A. Khobragade	9403979406
4			45 To 61	F-022	Prof. P. S. Mhetre	9404249846
5	TE	Prof P. D. Sonavane (9689807422)	01 To 20	F-124	Prof P. D. Sonavane	9689807422
6			21 To 40	F-125	Prof. G. R. Walke	8976002105
7			40 To 67	F-126	Prof A. V. Tamhane	9975290917
8	BE	Prof. M.S. Shinde (9890178059)	01 To 20	F-124	Prof. M. S. Shinde	9890178059
9			21 To 40	F-125	Prof. S. V. Tade	8605165256
10			40 To 68	F-126	Prof. M. N. Kalgunde	9011066137

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Prof. S.P. Mahangade
TG Incharge
(9552675242)


Prof. A. A. Kalage
HOD(Electrical)
(8605033245)

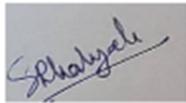
Agenda for T.G.Meeting A.Y.2020-21, SEM-I

Date: 06-11-2020

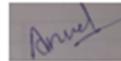
NOTICE

Agenda for T.G. Meeting

1. Balance Fees payment.
2. Complete all assignments, tutorials and practical write-ups.
3. Mock exam & final submissions for T.E. & B.E. – 9th to 11th Nov. 2020.
4. S.E. - 1st to 3rd Dec.2020.
5. Prelim exam for S.E., T.E. & B.E. – 23rd to 27th Nov. 2020 (MCQ & theory). 70 marks
6. theory paper & 50 marks MCQ on the same day.
7. MCQ exam-1hr
8. Theory exam - 2 & half hr.
9. Maintain Attendance and regularity in online classes.
10. For any grievances contact TG.
11. Any other point you feel important should be discussed.



Ms. S. P. Mahangade
(TG Cordinator)



Prof. A.A. Kalage
(Head of Electrical Department)

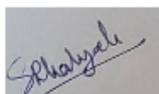
Agenda for T.G.Meeting A.Y.2020-21, SEM-II

Date: 19-04-2021

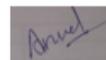
NOTICE

Agenda for T.G. Meeting

1. Balance Fees payment.
2. Complete all assignments, tutorials and practical write-ups.
3. Maintain attendance in online classes
4. MCQ exam-1hr
5. University Practical Oral Exam
6. Maintain Attendance and regularity in online classes.
7. For any grievances contact TG.
8. Any other point you feel important should be discussed.



Ms. S. P. Mahangade
(TG Cordinator)



Prof. A.A. Kalage
(Head of Electrical Department)

TG Meeting record

Students TG Meeting Record (SEMESTER I /II)

Meeting No.: 3
 Date: 6/11/20
 Time: 10:30

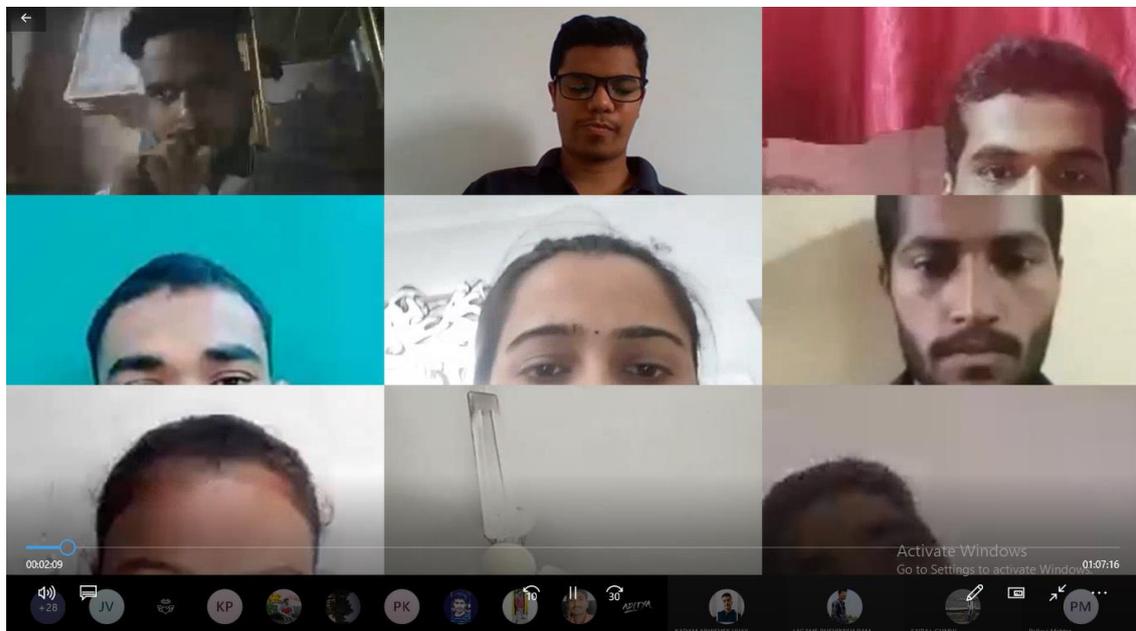
No.	Points Discussed	Action Taken
1	Balance Fees payment	taken Record From office.
2		
3	Assignment completion	
4	Mock exam and final	
5	submission.	
6	Prelim exam - 23 rd to 27 th Nov.	
7	MCG - 1hr.	Given @ B.
8	Attendance.	

Roll No.	Signature						
45	P	52		59	P.		
46		53	P	60			
47	P	54	P				
48	P	55	P				
49	P	56					
50		57					
51		58	P				

Sign of Subete
Teacher Guardian

Sign of Amert
Class Teacher

Online TG Meeting



Phone call record

Telephone Record				
Roll No.	Date	Time	Call Received By	Instruction / Discussion (In short)
40	11/4	1:15	student	attend regular online classes.
42	11/4	1:15	student	irregular in practice.
46	11/4	1:17	father	student out of hometown. asked to call.
47	11/4	1:20	student	N/W issue
49	11/4	1:25	ringing	
52	11/4	1:30	Not connecting.	
56	11/4	1:37	Father.	asked to attend lectures continues about
57	11/4	1:39	Mother.	Not present since 2 days. student Not feeling well.
59	"	1:45	Not connecting Blw	
65	"	1:50	Student	heavy rainfall so no electricity.
67	"	1:55	student	electricity problem.
42	14/4	10:00	Father	irregularity in online classes.
49	14/4	10:05	Not connecting	

Class Incharge Mst HOD Amal

Sphalyale

Ms. S. P. Mahangade



MSP
TG Coordinator

Dr. M. S. GAIKWAD
PRINCIPAL

Sinhgad Institute Of Technology, Lonavala

Amal

Mr. A. A. Kalage