

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 Kusgaon (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

उत्तमपुरूषान् उत्तमाभियंतृन् 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
1200	professional and social needs.

Program Specific Outcomes (PSOs)

	Program Specific Outcomes (PSOs)
PSO1	To apply the fundamental knowledge of Mathematics, Science, and Electrical
1001	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.						
		Identify, formulate, review research literature, and analyze complex engineering						
PO2	Problem Analysis	problems reaching substantiated conclusions using first principles of mathematics,						
		natural sciences, and engineering sciences.						
		Design solutions for complex engineering problems and design system components						
DO 2	Design/Development of	or processes that meet the specified needs with appropriate consideration for the						
POS	Solutions	public health and safety, and the cultural, societal, and environmental						
		considerations.						
		Use research-based knowledge and research methods including design of						
PO4	Conduct Investigations of	experiments, analysis and interpretation of data, and synthesis of the information						
	Complex Problems:	to provide valid conclusions.						
		Create, select, and apply appropriate techniques, resources, and modern						
PO5	Modern Tool Usage:	engineering and IT tools including prediction and modeling to complex engineering						
		activities with an understanding of the limitations.						
		Apply reasoning informed by the contextual knowledge to assess societal, health,						
PO6	Society:	safety, legal and cultural issues and the consequent responsibilities relevant to the						
		professional engineering practice						
		Understand the impact of the professional engineering solutions in societal and						
PO7	Environment and Sustainability:	environmental contexts, and demonstrate the knowledge of, and need for						
		sustainable development.						
DOQ	F4 1.3	Apply ethical principles and commit to professional ethics and responsibilities and						
PUð	Ethics:	norms of the engineering practice.						
DOO	Individual and Team	Function effectively as an individual, and as a member or leader in diverse teams,						
PO9	Work:	and in multidisciplinary settings.						
		Communicate effectively on complex engineering activities with the engineering						
DO10	G	community and with society at large, such as, being able to comprehend and write						
POIO	Communication:	effective reports and design documentation, make effective presentations, and give						
		and receive clear instructions.						
		Demonstrate knowledge and understanding of the engineering and management						
PO11	Project Management and	principles and apply these to one's own work, as a member and leader in a team, to						
	r mance:	manage projects and in multidisciplinary environments.						
DOIL		Recognize the need for, and have the preparation and ability to engage in						
PO12	Life-Long Learning:	independent and life-long learning in the broadest context of technological change						

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

Date: Day: Venue: Time: Staff Co-coordinator: Student Coordinator: Event Conducted Under: Activity Type: Target Group: Program Outcome: Sem-I & II Thursday Microsoft Teams (Online mode) 10:30AM to 11:00AM Ms. S.P. Mhangade Mr. Sameep Gameet Department of Electrical TG meetings Students of Electrical Department. 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	It was communicated to the office and receipt
	office.	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

			Lonavera, Pure Department	and Bay of Manho a there were the t of Electrica	The Sen Experiments In Engineering	
					Da	de: 17/07/2020
			List of Te	acher Cu	ardian	
			Academic Y	(ear 2020.2	u sem i	
Sr. No	Class	Class Teacher	Roll No.	Location	Name of TG	Contant an
1	SP	Prof P. D.	01 To 17	F-124	0.000	9689807433
2	ar	(9689807422)	17 To 34	E-125	Prof P. D. Sonavane	000/00/422
3			34 To 51	F-126	Prof. J. A. Khoheved	9096998571
4	_		31 To 66	F-022	Prof S P Mahammada	94039794996
3		Prof M.U.	01 To 17	F-124	Prof M U. Naik	933205242
0	TE	Naik	17 To 35	F-125	Prof. G. R. Walke	8976002105
1		(9890178059)	36 To 54	F-126	Prof A. V. Tamhane	9975290917
8	1.14445	Prof. M.S.	01 To 16	F-124	Prof. M. S. Shinde	9890178059
9	BE	Shinde	17 To 35	F-125	Prof. S. V. Tade	8605165256
10	_	(9890178059)	36 To 67	F-126	Prof. M. N. Kalgunde	9011066137
212	<u>Note:</u> . A teach . If stude	er guardian should nt remains absent f	maintain all i or continuous	records of stu three lecture	dent. rs then teacher guardian »	cill bring it to



Uuralt

TG Incharge (8007775294)

Prof. M. U. Naik

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

5 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG, SIT, LONAVALA

List of Teacher Guardian

SEM – II 2020-21

Sinhgad Technical Education Society's

SINHGAD INSTITUTE OF TECHNOLOGY

(Attended techniversity of Pure and Approved by, AICTE, New Detro.) Det No. 309(210 Xingson (Els), eff Manted -Pure, Expression Longesta, Pure, #10401, Weinin www.astrajef.edu Department of Electrical Engineering

Date: 1/01/2021

Sr. No	Class	Class Teacher	Roll No.	Location	Name of TG	Contact no.
1		Prof. S. P.	ALT- IC	F-124	Prof S P Mahammada	0000000000
2	SE	Mahangade	15 To 10		r ron or r rannangane	93310/3141
3		(9552675242)	10 10 30	F-125	Prot. S. B. Jadhav	9096998571
4			30 10 45	F-126	Prof. J. A. Khobragade	9403979406
-			45 To 61	F-022	Prof. P. S. Mhetre	9404249846
2	-	Prof P. D. Sonavane (9689807422)	01 To 20	F-124	Prof P. D. Sonavane	9689807422
0	TE		21 To 40	F-125	Prof. G. R. Walke	8976002105
7			40 To 67	F-126	Prof A. V. Tamhane	9975290917
8		Prof. M.S.	01 To 20	F-124	Prof. M. S. Shinde	9890178059
9	BE	Shinde	21 To 40	F-125	Prof. S. V. Tade	8605165256
10		(9890178059)	40 To 68	F-126	Prof. M. N. Kalgunde	9011066137

List of Teacher Guardian Academic Year 2020-21 SEM II

Note:

120

Sinhgad Institutes

1. A teacher guardian should maintain all records of student.

If student remains absent for continuous three lectures then teacher guardian will bring it to notice of respective to the H.O.D.

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



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

	5 °	- -					Student Reg	istration Form (Res	ponses)(2)) - Excel						? 🗈	- 8
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	Time	stamp	NAME AS PER PREVIOUS FEES RE	CI Class	Branch		Roll Number	Reporting Type	PRN	Number	Mobile Number	(Preferably	Date of Birth		Gender	Bloo	d Group
	1	9-4-2021 19:07:26	Sapkale Shashikant Dhanraj	SE	Electrical		13	Regular	7191	3637H	8	669439019	11	1-9-2000 1	Vale	A+	
	2	9-6-2021 9:55:41	Warjurkar Apurv Nandkishor	SE	Electrical		05	Regular	7215	0297M	9	309954059	2	2-5-2001	Vale	A+	
	1	9-5-2021 11:22:13	Khune Vishal Vitthaldas	TE	Electrical		28	Regular	7202	8955G	7	083726109	1	2-4-2001	Male	0+	
	2	9-3-2021 11:57:02	Pratik Satish Patil	TE	Electrical		42	Regular	7216	5355D	7	030545925	25	5-3-2000	Male	0+	
	3	9-4-2021 16:39:55	Patil Lina Rajendra	TE	Electrical		40	Regular	7216	5351M	7	020707746	29-	11-2001	Female	B+	
	4	9-9-2021 10:48:22	JADHAV ANKITA PANDURANG	TE	Electrical		17	Regular	7216	5335K	8	624011531	10-	11-1998	Female	B+	
	5	9-5-2021 11:03:17	Monu Ranjan	TE	Electrical		35	Regular	7202	8977H	9	304721803		5-9-2021	Male	B+	
	6	9-5-2021 12:20:40	Praphul dagadu salunkhe	TE	Electrical		50	Regular	7216	5359G	9	004083548	1	I-4-1999 I	Vale	0+	
	7	9-5-2021 14:00:26	PATIL VAISHNAVI RANGRAO	TE	Electrical		44	Regular	7216	5353H	9	552410968	20	0-2-2000	Female	A+	
	8	9-5-2021 17:23:35	Chavan Harshvardhan Sahebrao	TE	Electrical		05	Regular	7202	28877M	7	447856730	23	3-9-2001	Vale	B+	
	9	9-5-2021 19:39:00	Jujgar Piyusha Vishnu	TE	Electrical		19	Regular	7216	5354F	9	067408158	5-	11-2001	Female	B+	
	10	9-6-2021 9:18:53	Patil Abhishek Kishor	TE	Electrical		39	Regular	7216	5350C	7	507964073		5-6-2001	Male	0+	
	11	9-6-2021 9:39:53	MASKE SUYOG LAXMAN	TE	Electrical		34	Regular	7216	5347C	7	057226914	18	3-8-2001	Male	A+	
	12	9-6-2021 11:20:46	KOKIL ANKITA PRAVIN	TE	Electrical		29	Regular	7216	5342B	7	498802445		2-7-2001	Female	B+	
	13	9-6-2021 13:02:38	Siddhesh Sudhir nisal	TE	Electrical		38	Regular	7202	8988C	9	960058434	26	5-1-2001	Male	0+	
	14	9-6-2021 14:02:54	Kolte Yogesh Anant	TE	Electrical		30	Regular	7216	5343L	7	057993712		1-8-2001	Male	B+	
	15	9-6-2021 14:34:24	Gobare Sarvesh Rajkumar	TE	Electrical		14	Regular	7216	5334M	7	028568269	11	1-5-1999	Vale	A+	
	16	9-6-2021 22:00:39	NARAYANKAR SHUBHAM SANJA	Y TE	Electrical		37	Regular	7216	5349K	8	459928694	19-	10-2000	Vale	B+	
	17	9-7-2021 11:18:57	GHULE AKSHAY BABURAO	TE	Electrical		10	Regular	7200	13421D	8	390464100	20	0-4-2000	Male	B+	
	18	9-8-2021 13:46:46	Deshmukh Prathmesh Sanjay	TE	Electrical		08	Regular	7216	5329E	8	888187562	14	1-4-2000	Vale	AB+	
	19	9-8-2021 14:42:37	Khekade akash gopal	TE	Electrical		27	Regular	7216	5341D	9	373828497	23	3-3-2001	Vale	A+	
	20	9-8-2021 18:12:04	GHODAKE ADITYA SOMANATH	TE	Electrical		13	Regular	S190	1422512	7	028978024	24	1-5-2002	Viale	AB+	
	21	9-10-2021 9:44:06	GAIKWAD Harshal Sanjay	TE	Electrical		9	Regular	7216	5330J	7	709917471	1	2-7-2001	Male N/indov	AB+	
	22	9-10-2021 10:18:34	Kartikesh Nana Gawande	TE	Electrical		11	Regular	7216	5339B	7	264909314	8	12-2001	Wale/VIIIGOV	AB+	
	> Me	chanical EnTc	Computer Electrical	Info	. Tech	6	÷)								ttings to activ		

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.
- Mock exam & final submissions for T.E. & B.E. 9th to 11th Nov. 2020.
- S.E. 1st to 3rd Dec.2020.
- 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.
- 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
- 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

		Points Di	scussed	Action Taken				
1	Balan	1 C	Action Taken					
2	-Datan	LE FO	tes po	yment	Lak	en Rr	eerd	
3	A				1000	opti	le'	
4	Assign	ment	- apri	spiehon				
5	Mock	exam	and for	nal				
5	Submi	ssion.		- 44				
0	Prelim	exam	· 23.4	1027 No	¥.			
7	Mcg	- thr	.r		Given Q.B.			
8	Atter	dance				-		
Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	Roll No.	Signature	
45	P	52	1 and 1	59	٠4 ١			
46		53	P	60				
47	ρ	54	P					
48	P	55	P					
49	P	56						
50		55	0					
51		20	P					

Online TG Meeting



Phone call record

			Telephone Rec	cord
Roll No.	Date	Time	Call Received By	Instruction / Discussion (In short)
40	1114	1115	student	attend regular online dassa
42	11]4	1:15	studient	irregular in practide
46	1114	11.17	father	aut of hometown. asked to call.
47	1114	1:20	student	NIW issue
49	1114	1:25	singing	
52	1114	1:30	Not connection	2.
56	1114	1:37	Father.	asked to attend recurses continues about
57	1114	1:39	Mother.	Not present since 2 days student Not feeling we
69	N	1:45	Not connecti Blw	ng
65	u	1:50	Student	neavy raintall 30 No electricity.
67	51	1:55	student	electricity problem.
42	1414	10:00	Father	irregulacity in online classes.
49	1414	10:05	5 Notronne	idiy
c 20.0	lass Incharg	ge		HOD

Rhowgel

Ms. S. P. Mahangade



Dr. M. S. GAIKWAD PRINCIPAL Sinhgad Institute Of Technology, Lonavala

Annul

Mr. A. A. Kalage