

Electrical Engineering

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	200	190.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	100.00
4	STUDENTS' PERFORMANCE	200	104.03
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	127.22
6	FACILITIES AND TECHNICAL SUPPORT	100	100.00
7	CONTINOUS IMPROVEMENT	75	75.00
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	75	75.00
	Total	1000	871

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the Vision and Mission of the Department and Institution (5)

Total Marks 5.00

Institute Marks

5.00

To provide quality education that helps rural students grow and become independent

Vision of the institute

Mission of the institute

M1 - To give rural students the knowledge and skills they need to succeed in life
M2 - To support students for academic excellence and personal growth
M3 - To prepare students ethically for socially useful work

Empowering rural Students with electrical skills for self-reliance and brighter future

Vision of the Department

Mission of the Department

Mission No.	Mission Statements
M1	To Provide Quality Electrical Engineering Education to Rural Students
M2	To Guide Students Towards Academic Success & Personal Development
M3	To Make Engineers Work Ethically & Be Helpful to Society

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks

5.00

PEO No.	Program Educational Objectives Statements
PEO1	Provide socially responsible, environment friendly solutions to Electrical Engineering related broad-based problems adapting professional ethics.
PEO2	Adapt state-of-the-art Electrical Engineering broad-based technologies to work in multi-disciplinary work environments.
PEO3	Solve broad-based problems individually and as a team member communicating effectively in the world of work.

1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders (10)**Total Marks 10.00**

Institute Marks

10.00

1.3 A. Adequacy in respect of publication & dissemination

Sr. No.	Particular	Internal Stakeholders	External Stakeholders
1	Institute Website https://www.sietpaniv.org	✓	✓
2	HOD Cabin	✓	✓
3	Classrooms	✓	
4	Laboratories	✓	
5	Departmental Notice Board	✓	✓
6	Department library	✓	
7	Departmental newsletter	✓	✓
8	Faculty Course File	✓	

Table 1.1 Dissemination of Vision, Mission and PEOs**1.3 B. Process of dissemination among stakeholders (2)**

The details of dissemination among the external and internal stake holders are as shown in below table -

Sr. No.	Stakeholder
1	Parents
2	Alumni
3	Industry expert
4	Staff
5	Students

The dissemination of Vision and mission is done during process of its development and also after finalizing the statements in three stages.

Stage I :- The Vision and Mission are developed in participative mode involving internal and external stakeholders. Extensive discussions and brainstorming sessions among all stakeholders helped to penetrate Vision and Mission at Department level and Institute level. This collaborative and participative mode resulted all stakeholders to understand their role in implementation stage.

Stage II :- The Vision and Mission statements are published and displayed during co-curricular and extracurricular activities at Department level and Institute level. The statements are discussed and presented at length during orientation and induction program organized for newly admitted students during the commencement of Academic year. Furthermore, the same discussions are also done during Parents meet and Industry – Academia meet. This strategy has helped in providing proper orientation as well as aligns institutional activities for the development of students.

Stage III :- The Vision and Mission statements are published and printed on official and academic documents and thereby propagating the vision and mission of the department and institute.

1.3 C. Extent of awareness of vision, mission and PEOs among the stakeholders (6)

The awareness of vision, mission and PEOs among the internal and external stakeholders through

- **Internal stakeholders**

1. Governing Body Members

- 2. Faculty member
- 3. Non-teaching staff Members
- 4. Students

◦ **External stakeholders**

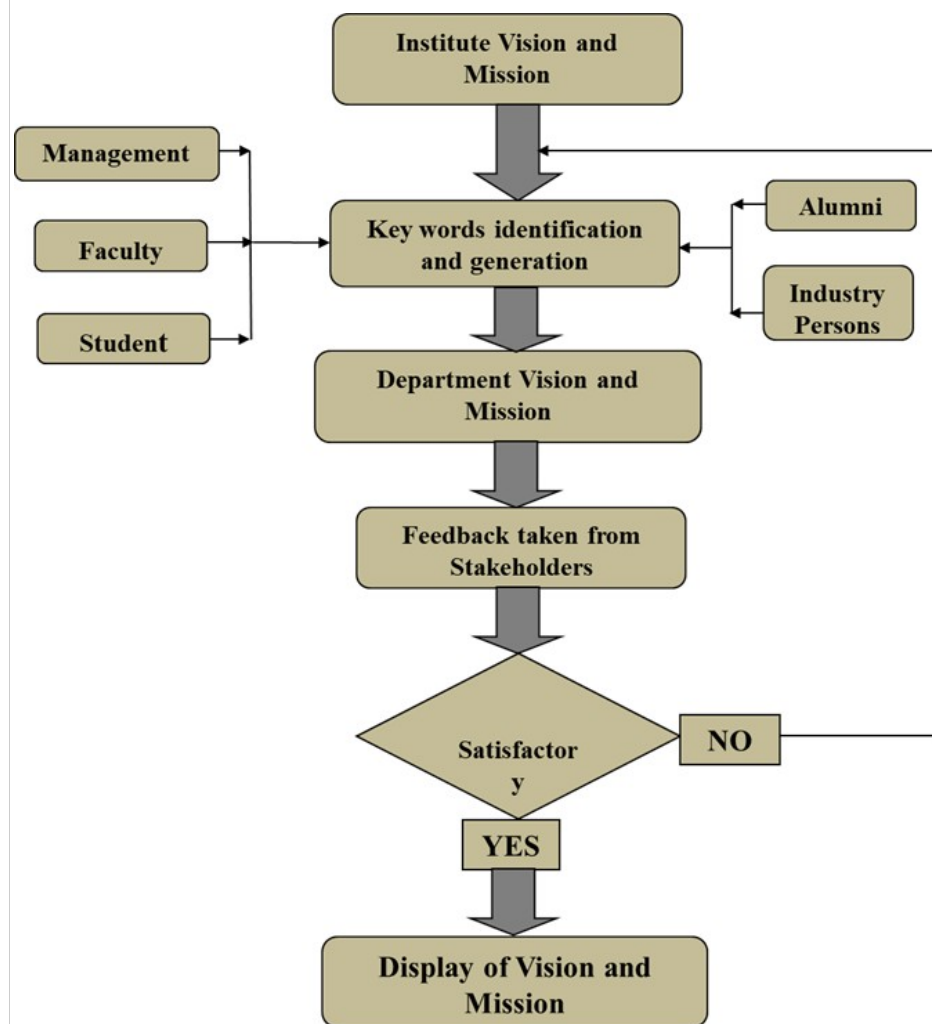
- 1. Parents
- 2. Alumni
- 3. Employers
- 4. Industrial Experts

1.4 State the process for defining the Vission and Mission of the Department, and PEOs of the program (15)

Total Marks 15.00

Institute Marks
15.00

◦ **Process for defining Department Vision and Mission**



1. A. Description of Process of defining Vision and Mission of the department

In defining vision and mission statement of department the following steps are followed:

Step 1: Vision and mission of the institute are taken as reference while defining department vision and mission statements.

Step 2: Opinions were taken from internal and external stakeholders through format and informal feedback method.

Step 3: Key words were identified and generated after analysis of Opinions.

Step 4: Head of the department with the support of department faculty members drafts the vision, mission and PEOs in the faculty meeting.

Step 5: The draft copy is communicated to the Alumni, Parents, Industry persons, Students and the feedback form taken from these Stakeholders.

Step 6: If the same is accepted, Vision and Mission of the department are finalized or else the Process is repeated.

Step 7: Approval of final draft in ICIU and in Governing body.

Step 8: Display of Vision, Mission and PEOs in institute website and other strategic locations in the institution.

1. B. Description of Process involved in defining the PEOs of the program

In accordance with the Maharashtra State Board of Technical Education (MSBTE) guidelines, our program adheres to the predefined Program Educational Objectives (PEOs), which are aimed at imparting students with the necessary knowledge, skills, and attitudes required in the industry.

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Diploma Programme in Electrical Engineering

I – Scheme

Programme Structure

Programme Educational Objectives (PEOs) *(What s/he will continue to do even after 3-5 years of working in the industry)*

- PEO 1. Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- PEO 2. Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- PEO 3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.

1.5 Establish Consistency of PEOs with Mission of the Department (15)

Total Marks 15.00

Institute Marks

15.00

1.5 A. Preparation of matrix of PEOs and elements of mission statements

The Table shows consistency between PEO statements and Mission statements matrix. The correlation levels 1, 2 or 3 are defined as below –

- 1. : Slight (Low)
- 2. :Moderate (Medium)
- 3. : Substantial (High)

PEOs / MISSION	M1 To Provide Quality Electrical Engineering Education to Rural Students	M2 To Guide Students Towards Academic Success &Personal Development	M3 To Make Engineers Work Ethically & Be Helpful To Society
PEO-1 -Provide socially responsible, environment friendly solutions to Electrical Engineering related broad-based problems adapting professional ethics.	3	2	3
PEO-2 - Adapt state-of-the-art Electrical Engineering broad-based technologies to work in multi-disciplinary work environments.	2	3	2
PEO-3 -Solve broad-based problems individually and as a team member communicating effectively in the world of work	2	3	3

Table1.2 PEO Statements and Mission Statements Matrix

1. B. Consistency / Justification of co-relation parameters of the above matrix

PEOs Statement	M1 To Provide Quality Electrical Engineering Education to Rural Students	M2 To Guide Students Towards Academic Success & Personal Development	M3 To Make Engineers Work Ethically & Be Helpful To Society
PEO-1 -Provide socially responsible, environment friendly solutions to Electrical Engineering related broad-based problems adapting professional ethics.	3 – Strongly supports PEO1 because it gives students good technical knowledge of Electrical Engineering to solve problems.	2 – Moderately supports PEO1 because it helps students improve technical skills and problem-solving ability.	3 – Strongly supports PEO1 because it teaches professional ethics and social responsibility.
PEO-2 - Adapt state-of-the-art Electrical Engineering broad-based technologies to work in multi-disciplinary work environments.	2 – Moderately supports PEO2 because it provides technical education to understand new technologies.	3 – Strongly supports PEO2 because it helps students gain knowledge and skills to use modern technology.	2 – Moderately supports PEO2 because it encourages lifelong learning and ethical work to adapt to changes.
PEO-3 -Solve broad-based problems individually and as a team member communicating effectively in the world of work	2 – Moderately supports PEO3 because it gives technical knowledge to solve engineering problems.	3 – Strongly supports PEO3 because it improves communication, teamwork, and personal development standards in their professional lives.	3 – Strongly supports PEO3 because it teaches students to work ethically and help society while working in teams.

PEO Statements	M1	M2	M3
Provide socially responsible, environment friendly solutions to Electrical Engineering related broad-based problems adapting professional ethics.	3 ▾	2 ▾	3 ▾
Adapt state-of-the-art Electrical Engineering broad-based technologies to work in multi-disciplinary work environments.	2 ▾	3 ▾	2 ▾
Solve broad-based problems individually and as a team member communicating effectively in the world of work.	2 ▾	3 ▾	3 ▾

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (200)

Total Marks 190.00

2.1 Program Curriculum (40)

All POs and PSOs are being demonstrably met through Curriculum ? : YES ▾

2.1.1 State the process used to identify extent of compliance of the Board curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) as mentioned in AnnexureI. Also mention the identified curricular gaps, if any (40)

Institute Marks

40.00

A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (40)

Institute Marks

40.00

A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (15)

SIET Poly Paniv is affiliated to Maharashtra State Board of Technical Education, (MSBTE) Mumbai and this institute is implementing curriculum designed by MSBTE. So for identifying extent of compliance of the curriculum for attaining POs and PSOs it becomes necessary to understand MSBTE's following activities and the norms set for it.

- I. Curriculum Design Process
- II. Curriculum Implementation Process
- III. Student's Assessment Process The brief details of these activities are as given below

(I)Curriculum Design Process

MSBTE along with NITTTR, Bhopal initiated the process of curriculum development on Outcome Based Education (OBE) pattern. By soliciting the services of senior and experience faculties of polytechnics from all over Maharashtra, the work of development of structures of 18 Engineering Diploma Programs and detailed contents of all courses of 1st, 2nd and 3rd year were completed in workshops conducted at NITTTR Bhopal Extension

Center Pune. During each workshop MSBTE has ensured the interaction of industry experts with faculties carrying out work of curriculum development. After designing the contents for every course of every program, the online feedback sought from academic and industry experts and the potential suggestion were incorporated at adequate level. In spite of all this, a separate validation activity from third party academic expert and industry experts was carried out.

Academic validation Program was conducted at MSBTE Mumbai, and The Principal of Polytechnics and course experts along with program coordinators of all programs were present. One full day workshop resulted in collecting suggestions from academic experts. An industry institution interaction session was conducted with officials of NITTTR, Bhopal. Similarly the Industry validation program was also conducted wherein around 100 industry experts from all over Maharashtra were present. Full day program initiated under the chairmanship of Hon. Director MSBTE and program-wise industry experts also addressed the gathering about exact requirements of industry from Polytechnic pass out. The industry experts appreciated the structure design and also gave suggestions about the curriculum contents. The written industry feedback was also taken during this session.

- The comparative analysis of academic suggestions and industry suggestion was carried out with the help of education consultant NITTTR Bhopal, Industry coordinators and program coordinators. The final draft was put before courses committee and academic committee for approval. The new curriculum is implemented from academic year 2023-24. All the proceedings of the above activity are available with MSBTE, Mumbai. The curriculum has various courses to be taught through Theory Classes, Practicals, and Tutorials. The evaluation of these courses is carried out through internal and external assessments of theory and practicals. These courses are mapped to POs and PSOs through COs.
- The concept of micro project is introduced to reinforce the attainment of COs and in turn the attainment of POs/PSOs.

MSBTE has provided following flow chart elaborating systematic approach to Curriculum development.

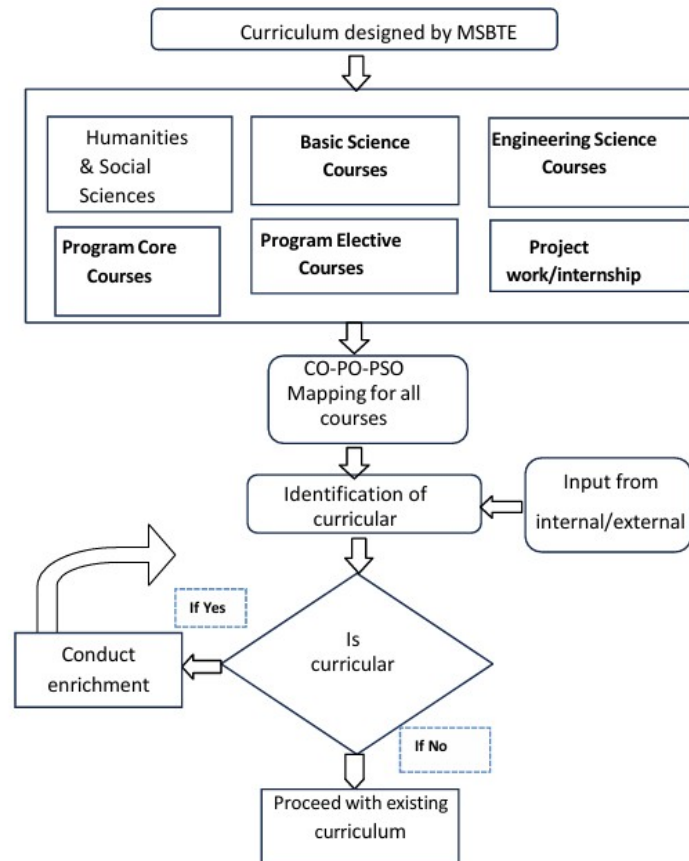


Figure 2.1.1 A: Process identifying extent of compliance of the curriculum for attaining the POs & PSOs

EXTENT OF COMPLIANCE:

- The curriculum provided by the MSBTE is strictly followed and the same is monitored through the Internal Academic Monitoring Committee and External Academic Monitoring Committee (EAMC) whose duties and responsibilities are clearly defined by the MSBTE through the CIAAN 2017.
- The main objective of EAMC visits is to ensure effective implementation of MSBTE's curriculum in all respects. The program structure of Electrical Engineering

The contents of the curriculum designed by MSBTE for the I scheme six semesters are as

below:

Maharashtra State Board of Technical Education, Mumbai																					
Teaching and Examination Scheme for Post S.S.C. Diploma Courses																					
Course Name : Mechanical / Civil / Chemical / Computer / Electronics / Electrical / Textile Engineering Groups																					
Course Code : CE/CR/CS/CH/PS/CM/CO/IF/CW/DE/EJ/EN/EQ/ET/EX/IE/MU/EE/EP/EU/IS/IC/AE/FG/ME/PG/PT/DC/TX/TC																					
Duration of Course: 6 Semesters																					
With Effect From Academic Year: 2017 - 18																					
Semester : First																					
Duration : 16 Weeks																					
S. N.	Course Title	Abbre- viation	Sub. Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Paper Hrs.	Theory			Practical									
									ESE	PA	Total	ESE	PA	Total							
1	English	ENG	22101	3	--	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
2	Basic Science	BSC	22102	2	--	2	4	2	70*#	28	15*	00	100	40	25@	10	25	10	50	20	200
				2	--	2	4				25@	10			25	10	50	20			
3	Basic Mathematics	BMS	22103	4	2	--	6	3	70	28	30*	00	100	40	--	--	--	--	--	--	100
4	Fundamentals of ICT	ICT	22001	2	--	2	4	--	--	--	--	--	--	--	25@^	10	25~	10	50	20	50
5	Engineering Graphics (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS, DC, TC, TX)	EGM	22002	2	--	4	6	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
	Engineering Graphics (For DE, EJ, ET, EN, EX, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	EGE	22003	2	--	4	6	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
6	Workshop Practice. (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS, DC, TC, TX)	WPM	22004	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
	Workshop Practice. (For CO, CM, CW, IF)	WPC	22005	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
	Workshop Practice. (For DE, EJ, ET, EN, EX, EQ, IC, IE, IS, MU)	WPE	22006	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
	Workshop Practice. (For TX, TC, DC)	WPT	22007	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
Total				15	2	16	33	--	210	--	90	--	300	--	200	--	200	--	400	--	700
Student Contact Hours Per Week: 33 Hrs. Medium of Instruction: English																					
Theory and practical periods of 60 minutes each. Total Marks : 700																					
Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical																					
@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment																					
* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment (5 marks each for Physics and Chemistry) to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.																					
- For the courses having ONLY Practical Examination, the PA has two parts, marks for : (i) Practical Part - 60% of total marks (ii) Micro-Project Part - 40% of total marks																					
- Candidate remaining absent in practical examination of any one part of Basic Science course L-E, Physics, Chemistry will be declared as Absent in Mark List and has to appear for examination. The marks of the part for which candidate was present will not be processed or carried forward.																					
➤ If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.																					

Student Contact Hours Per Week: 33 Hrs. Medium of Instruction: English

Theory and practical periods of 60 minutes each. Total Marks : 700

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical

@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment

* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment (5 marks each for Physics and Chemistry) to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.

~ For the courses having ONLY Practical Examination, the PA has two parts, marks for : (i) Practical Part - 60% of total marks (ii) Micro-Project Part - 40% of total marks

> Candidate remaining absent in practical examination of any one part of Basic Science course i.e. Physics, Chemistry will be declare as Absent in Mark

List and has to appear for examination. The marks of the part for which candidate was present will not be processed or carried forward.

> If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.

MSBTE Final Copy Dt. 07.05.2017




Maharashtra State Board of Technical Education, Mumbai
Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Electrical Engineering
Program Code : EE/EP/EU
Duration of Program : 6 Semesters
Semester : Second

With Effect From Academic Year: 2017 - 18
Duration : 16 Weeks
Scheme : I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
				L	T	P		Theory						Practical								
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total			
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks		
1	Applied Mathematics	AME	22210	4	2	-	6	3	70	28	30*	00	100	40	--	--	--	--	--	--	100	
2	Applied Science	ASE	22211	2	-	2	6	90 Min	70*#	28	15*	00	100	40	25@	10	25	10	50	20	200	
				2	-	-	25@								10	25	10	50	20			
3	Fundamentals of Electrical Engineering	FEE	22212	4	2	2	8	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Elements of Electronics	EOE	22213	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
5	Basic Mechanical Engineering	BME	22214	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Business Communication Using Computers	BCC	22009	-	-	2	2	--	--	--	--	--	--	--	35@^	14	15~	06	50	20	50	
Total				18	4	10	32	--	350	--	150	--	500	--	160	--	140	--	300	--	800	

Student Contact Hours Per Week: 32 Hrs.
Medium of Instruction: English

Theory and practical periods of 60 minutes each.
Total Marks : 800

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical
@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment
* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment (5 marks each for Physics and Chemistry) to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.
~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage
➤ It is mandatory for the candidate to appear for practical (ESE) of both the part of Applied Science (Physics & Chemistry). Candidate remaining absent in exam of any one part, will be considered as absent for the head ESE (PR) of Applied Science.
➤ If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.

MSBTE – Final Copy Dt. 30.10.2017



Maharashtra State Board of Technical Education, Mumbai																							
Teaching And Examination Scheme For Post S.S.C. Diploma Courses																							
Program Name : Diploma in Electrical Engineering											With Effect From Academic Year: 2017 - 18												
Program Code : EE/EP/EU											Duration : 16 Weeks												
Duration of Program : 6 Semesters											Scheme : I												
Semester : Third											Examination Scheme												Grand Total
S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme															
				L	T	P		Theory						Practical									
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total				
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks			
1	Electrical Circuits	ECI	22324	4	2	2	8	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150		
2	Electrical and Electronic Measurements	EEM	22325	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
3	Fundamentals of Power Electronic	FPE	22326	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150		
4	Electrical Power Generation	EPG	22327	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
5	Electrical Materials and Wiring Practice	EMW	22328	3	-	4	7	3	70	28	30*	00	100	40	50@	20	50	20	100	40	200		
Total				19	2	12	33	--	350	--	150	--	500	--	150	--	150	--	300	--	800		
Student Contact Hours Per Week: 33 Hrs. Medium of Instruction: English																							
Theory and practical periods of 60 minutes each. Total Marks : 800																							
Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical																							
@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment																							
* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.																							
- For the courses having ONLY Practical Examination, the PA marks - Practical Part - with 60% weightage and Micro-Project Part with 40% weightage																							
> If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.																							



MSBTE – Final Copy Dt. 20.04.2018



Maharashtra State Board of Technical Education, Mumbai
Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Electrical Engineering
Program Code : EE/EP/EU
Duration of Program : 6 Semesters
Semester : Fourth

With Effect From Academic Year: 2017 - 18
Duration : 16 Weeks
Scheme : I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
				L	T	P		Theory						Practical								
								Exam Duration in Hrs.		ESE		PA		Total		ESE		PA		Total		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks			
1	Electric Motors and Transformers	CNE	22418	4	2	2	8	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
2	Electrical Power Transmission and Distribution	EPT	22419	3	2	-	5	3	70	28	30*	00	100	40	--	--	--	--	--	--	100	
3	Industrial Measurement	IME	22420	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Digital Electronics and Microcontroller Application	DEM	22421	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
5	Environmental Studies	EST	22447	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
6	Electrical Drawing and CAD	EDC	22033	-	-	4	4	--	--	--	--	--	--	--	50@	20	50	20	100	40	100	
Total				17	4	10	31	--	350	--	150	--	500	--	125	--	125	--	250	--	750	

Student Contact Hours Per Week: 31 Hrs.
Theory and practical periods of 60 minutes each.
Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical
@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment
* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.
~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage
> If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.
> In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).

Medium of Instruction: English
Total Marks : 750

MSBTE - Updated On 23.10.2018



Maharashtra State Board of Technical Education, Mumbai																						
Teaching And Examination Scheme For Post S.S.C. Diploma Courses																						
Program Name : Diploma in Electrical Engineering										With Effect From Academic Year: 2017 - 18												
Program Code : EE/EP/EU										Duration : 16 Weeks												
Duration of Program : 6 Semesters										Scheme : I												
Semester : Fifth																						
S. N.	Course Title	Course Abbre- viation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
				L	T	P		Theory						Practical								
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total			
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks		
1	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
2	Industrial AC Machines	IAM	22523	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
3	Switchgear and Protection	SAP	22524	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Energy Conservation and Audit	ECA	22525	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
Elective (Any One)																						
5	Elements of Industrial Automation	EIA	22526	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Power Electronics Application	PEA	22527	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Wind Power Technologies	WPT	22528	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Power System Analysis	PSA	22529	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Illumination and Electrification of Buildings	IEB	22530	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Enterprenureship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100	
7	Industrial Training	ITR	22057	-	-	6	6	--	--	--	--	--	--	--	75#	30	75	30	150	60	150	
8	Capstone Project Planning	CPP	22058	-	-	2	2	--	--	--	--	--	--	--	25@	10	25	10	50	20	50	
Total				19	-	18	37	--	350	--	150	--	500	--	250	--	250	--	500	--	1000	

MSBTE – Final Copy Dt. 07.05.2019

Maharashtra State Board of Technical Education, Mumbai																						
Teaching And Examination Scheme For Post S.S.C. Diploma Courses																						
Program Name : Diploma in Electrical Engineering / Diploma in Electrical Power System / Diploma in Electrical & Electronics (Power System)												With Effect From Academic Year: 2017 - 18										
Program Code : EE/EP/EU												Duration : 16 Weeks										
Duration of Program : 6 Semesters												Scheme : I										
Semester : Sixth																						
S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
				L	T	P		Theory						Practical								
								Exam Duration in Hrs.	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	Total Max Marks	Total Min Marks	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	Total Max Marks	Total Min Marks		
1	Maintenance of Electric Equipment	MEE	22625	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
2	Utilization of Electrical Energy	UEE	22626	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
3	Electrical Estimation and Contracting	EEC	22627	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Emerging Trends in Electrical Engineering	ETE	22628	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
Elective – II (Select Any One)																						
5	Industrial Drives and Control (EE/EU)	IDC	22629	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Power System Operation and Control (EP)	PSO	22632	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Electric Substation Practices (EE/EP/EU)	ESP	22633	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Capstone Project - Execution and Report writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100	
Total				16	-	12	28	--	350	--	150	--	500	--	150	--	150	--	300	--	800	
Student Contact Hours Per Week: 28 Hrs. Medium of Instruction: English																						
Theory and practical periods of 60 minutes each. Total Marks : 800																						
Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical																						
@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment																						
* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.																						
~ For the courses having ONLY Practical Examination, the PA marks: Practical Part - with 60% weightage and Micro-Project Part with 40% weightage																						
> If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester																						

MSBTE – Final Copy Dt. 24.09.2019

The contents of the curriculum designed by MSBTE for the K scheme six semesters are as

below:

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Maharashtra State Board Of Technical Education, Mumbai																									
Learning and Assessment Scheme for Post S.S.C Diploma Courses																									
Programme Name		: Diploma In Automobile Engineering. / Chemical Engineering / Electrical Engineering / Electrical Power System / Food Technology / Mechanical Engineering / Mechatronics / Production Engineering / Printing Technology / Polymer Technology																							
Programme Code		: AE / CH / EE / EP / FC / ME / MK / PG / PN / PO										With Effect From Academic Year : 2023-24													
Duration Of Programme		: 6 Semester										Duration					: 16 WEEKS								
Semester		: First NCrF Entry Level : 3.0										Scheme					: K								
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme													Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory			Based on LL & TL		Based on Self Learning							
						CL	TL	LL					FA-TH	SA-TH	Total	FA-PR	SA-PR		SLA						
																				Max	Max	Max	Min	Max	
(All Compulsory)																									
1	BASIC MATHEMATICS	BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125		
2	COMMUNICATION SKILLS (ENGLISH)	ENG	AEC	311303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150		
3	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	30	70*#	100	40	25	10	25@	10	25	20	250	
							2	-	2	1								25	10	25@	10	25			
4	FUNDAMENTALS OF ICT	ICT	SEC	311001	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75		
5	YOGA AND MEDITATION	YAM	VEC	311003	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50		
6	ENGINEERING WORKSHOP PRACTICES (Mechanical, Electrical and allied branches)	EWP	SEC	311005	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100		
7	ENGINEERING GRAPHICS (Civil, Electrical, Mechanical and allied branches)	EGR	DSC	311006	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100		
Total					15	14	2	17	7		20		90	210	300	225	175	150				850			
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment																									
Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination																									
Note :																									
1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.																									
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.																									
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.																									
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks																									
5. 1 credit is equivalent to 30 Notional hrs.																									
6. * Self learning hours shall not be reflected in the Time Table.																									
7. * Self learning includes micro project / assignment / other activities.																									
Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (GE)																									
♦ For the course Basic Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.																									

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Maharashtra State Board Of Technical Education, Mumbai																														
Learning and Assessment Scheme for Post S.S.C Diploma Courses																														
Programme Name		: Diploma In Electrical Engineering / Electrical Power System																												
Programme Code		: EE / EP										With Effect From Academic Year						: 2023-24												
Duration Of Programme		: 6 Semester										Duration						: 16 WEEKS												
Semester		: Second										NCrF Entry Level : 3.0						Scheme						: K						
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Assessment Scheme														Total Marks			
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Paper Duration (hrs.)		Theory			Based on LL & TL				Based on Self Learning										
						CL	TL	LL					FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA												
																		Max	Max	Max	Min	Max	Min	Max	Min					
(All Compulsory)																														
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	100								
2	APPLIED SCIENCE	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70*#	100	40	25	10	25@	10	-	200								
						2	-	2	0							25	10	25@	10											
3	ELEMENTS OF ELECTRONICS	EOE	DSC	312309	-	4	-	4	2	10	5	3	30	70	100	40	25	10	25@	10	25	10	175							
4	FUNDAMENTAL OF ELECTRICAL ENGINEERING	FEE	DSC	312310	-	4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175							
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002	-	-	-	2	-	2	1	-	-	-	-	25	10	25@	10	-	-	50								
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003	-	-	-	-	2	2	1	-	-	-	-	-	-	-	-	50	20	50								
7	BASIC MECHANICAL ENGINEERING	BME	SEC	312006	2	2	-	2	-	4	2	-	-	-	-	50	20	50@	20	-	-	100								
Total					8	17	1	16	6		20		120	280	400		175	175	100		850									
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment																														
Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination																														
Note :																														
1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.																														
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.																														
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.																														
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks																														
5. 1 credit is equivalent to 30 Notional hrs.																														
6. * Self learning hours shall not be reflected in the Time Table.																														
7. * Self learning includes micro project / assignment / other activities.																														
Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																														
♦ For the course Applied Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.																														

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Maharashtra State Board Of Technical Education, Mumbai																							
Learning and Assessment Scheme for Post S.S.C Diploma Courses																							
Programme Name : Diploma In Electrical Engineering / Electrical Power System																							
Programme Code : EE / EP With Effect From Academic Year : 2023-24																							
Duration Of Programme : 6 Semester Duration : 16 WEEKS																							
Semester : Third NCrF Entry Level : 3.5 Scheme : K																							
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Paper Duration (hrs.)	Assessment Scheme										Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week			Theory			Based on LL & TL				Based on Self Learning			
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA					
																FA-PR	SA-PR		Max	Min	Max	Min	
(All Compulsory)																							
1	ELECTRICAL CIRCUITS AND NETWORK	ECN	DSC	313332	-	4	-	4	-	8	4	3	30	70	100	40	25	10	50#	20	-	-	175
2	ELECTRICAL POWER GENERATION, TRANSMISSION AND DISTRIBUTION	GTD	DSC	313333	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
3	ELECTRICAL AND ELECTRONIC MEASUREMENT	EEM	DSC	313334	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	FUNDAMENTALS OF POWER ELECTRONICS	FPE	SEC	313335	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
5	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	50	20	50	
6	ELECTRICAL MATERIAL AND WIRING PRACTICE	EMW	SEC	313015	-	1	-	4	1	6	3	-	-	-	-	50	20	25@	10	25	10	100	
Total						16	18	6		20			120	280	400		150	150	150			850	
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment																							
Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination																							
Note :																							
1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.																							
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.																							
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.																							
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks																							
5. 1 credit is equivalent to 30 Notional hrs.																							
6. * Self learning hours shall not be reflected in the Time Table.																							
7. * Self learning includes micro project / assignment / other activities.																							
Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																							

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Maharashtra State Board Of Technical Education, Mumbai																											
Learning and Assessment Scheme for Post S.S.C Diploma Courses																											
Programme Name		: Diploma In Electrical Engineering / Electrical Power System																									
Programme Code		: EE / EP										With Effect From Academic Year					: 2023-24										
Duration Of Programme		: 6 Semester										Duration					: 16 WEEKS										
Semester		: Fourth										NCrF Entry Level : 3.5					Scheme : K										
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Paper Duration (hrs.)	Assessment Scheme												Total Marks	
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Theory			Based on LL & TL				Based on Self Learning									
						CL	TL	LL			FA-TH			SA-TH	Total	FA-PR	SA-PR	SLA									
																			Max	Min	Max	Min	Max	Min	Max		Min
(All Compulsory)																											
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314301	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125				
2	D.C. MACHINES AND TRANSFORMERS	DMT	DSC	314322	-	4	-	4	-	8	4	3	30	70	100	40	25	10	25#	10	-	-	150				
3	UTILIZATION OF ELECTRICAL ENERGY	UEE	DSC	314323	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175				
4	DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATIONS	DEM	SEC	314324	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175				
5	ELECTRICAL ESTIMATING AND CONTRACTING	EEC	DSC	314325	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175				
6	COMPUTER AIDED DRAWING AND SIMULATION	CDS	SEC	314008	-	-	-	4	-	4	2	-	-	-	-	25	10	25@	10	-	-	50					
Total					2	17		18	5		20		150	350	500	125	125	100				850					
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination Note : 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester. 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester. 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work. 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks 5. 1 credit is equivalent to 30 Notional hrs. 6. * Self learning hours shall not be reflected in the Time Table. 7. * Self learning includes micro project / assignment / other activities. Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , Ability/Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic/Elective (GE)																											

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Maharashtra State Board Of Technical Education, Mumbai																										
Learning and Assessment Scheme for Post S.S.C Diploma Courses																										
Programme Name		: Diploma In Electrical Engineering / Electrical Power System																								
Programme Code		: EE / EP										With Effect From Academic Year				: 2023-24										
Duration Of Programme		: 6 Semester										Duration				: 12 Weeks (Industry) + 10 Weeks (Institute)										
Semester		: Fifth										NCrF Entry Level : 4.0				Scheme				: K						
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Paper Duration (hrs.)	Assessment Scheme												Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Theory			Based on LL & TL		Based on Self Learning										
						CL	TL	LL			FA-TH			SA-TH	Total		Practical		SLA							
																	FA-PR	SA-PR		Max	Min	Max	Min	Max	Min	
(All Compulsory)																										
1	A.C. MACHINES PERFORMANCE	ACM	DSC	315333	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175			
2	SWITCHGEAR AND PROTECTION	SGP	DSC	315334	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175			
3	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002	-	1	-	2	-	3	1	-	-	-	-	50	20	25@	10	-	-	75				
4	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315003	-	-	-	1	2	3	1	-	-	-	-	25	10	25@	10	25	10	75				
5	INTERNSHIP(12 WEEKS)	ITR	INP	315004	-	-	-	-	-	36 - 40	10	-	-	-	-	100	40	100#	40	-	-	200				
Elective-I (Any - One)																										
6	ELECTRIC VEHICLE TECHNOLOGY	EVT	DSE	315335	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150			
	POWER SYSTEM OPERATION AND CONTROL	PSO	DSE	315336	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150			
	RENEWABLE ENERGY TECHNOLOGY	RET	DSE	315337	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150			
Total							15		9		6		20		90	210	300		250		225		75	850		
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment																										
Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @S Internal Online Examination																										
Note :																										
1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.																										
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.																										
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.																										
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 10 Weeks																										
5. 1 credit is equivalent to 30 Notional hrs.																										
6. * Self learning hours shall not be reflected in the Time Table.																										
7. * Self learning includes micro project / assignment / other activities. Note: Notional learning hours for internship represents the student engagement hours.																										
Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern-/Apprenti-/Project-/Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																										

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name		: Diploma In Electrical Engineering																						
Programme Code		: EE									With Effect From Academic Year		: 2023-24											
Duration Of Programme		: 6 Semester									Duration		: 16 WEEKS											
Semester		: Sixth									NCrF Entry Level : 4.0		Scheme		: K									
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory			Based on LL & TL		Based on Self Learning						
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA						
																FA-PR	SA-PR	Max	Min	Max	Min			
(All Compulsory)																								
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70#	100	40	-	-	-	25	10	125		
2	EMERGING TRENDS IN ELECTRICAL ENGINEERING	ETE	DSC	316326	-	4	-	-	-	4	2	1.5	30	70#	100	40	-	-	-	-	-	100		
3	ENERGY CONSERVATION AND AUDIT	ECA	DSC	316327	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	175		
4	MAINTENANCE OF ELECTRICAL EQUIPMENTS	MEE	DSC	316328	-	4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	175		
5	BASIC PYTHON PROGRAMMING	BPP	AEC	313011	-	2	-	2	-	4	2	-	-	-	-	25	10	25@	10	-	-	50		
6	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	50	20	50#	20	50	20	150		
Elective-II (Any - One)																								
7	INDUSTRIAL AUTOMATION	EIA	DSE	316329	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	175		
	INDUSTRIAL DRIVES AND CONTROL	IDC	DSE	316330	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	175		
	POWER SYSTEM ANALYSIS	PSA	DSE	316331	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	175		
Total					1	20		12	8		20		150	350	500		150		150		950			
Abbreviations : CL- Classroom Learning, TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination Note : 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester. 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester. 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work. 4. Notional Learning hours for the semester are (CL+LL+TL+SL)/hrs. * 15 Weeks 5. 1 credit is equivalent to 30 Notional hrs. 6. * Self learning hours shall not be reflected in the Time Table. 7. * Self learning includes micro project / assignment / other activities. Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project/Community (INP) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (GE)																								

- The curriculum has various courses to be taught through Theory Classes, Practical's, and Tutorials. The evaluation of these courses is carried out through internal and external assessments of theory and practical's. These courses are mapped to POs and PSOs through COs.
- The concept of micro project is introduced to reinforce the attainment of COs and in turn the attainment of POs/PSOs.

(I)Curriculum Implementation Process

- For effective implementation of curriculum, design norms are formulated in different formats, specified in CIAAN norms. (Curriculum Implementation and Assessment Norms).

2.Strategies for curriculum implementation:

State Level: Academic committees of MSBTE through Expert committees formulate the policies and guidelines and communicate the same to the institutions.

Institute Level: An academic coordinator is appointed at start of academic year and plan of implementation for all the discipline is developed.

Departmental Level: Head of the Department prepares session plan for implementation of curriculum.

Individual (Teacher) Level : The course teacher during teaching ensures attainment of course outcomes and corresponding POs and PSOs of curriculum through lectures and practical's

List of Program Outcomes:

PO1.Basic Knowledge and Discipline Knowledge: Apply knowledge of basic mathematics, science and engineering specialization to solve the engineering problems.

PO2.Problemanalysis: Identify and analyze well-defined engineering problems using codified standard methods.

PO3.Design/development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO4.Engineering tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO5.EngineeringPracticesforsociety, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO6.Project Management: Use engineering management principle individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO7.Life-longlearning: Ability to analyze individual needs and engage in updating in the context of technological changes.

- **List of Program Specific Outcome (PSOs)**

PSO-1: Exhibit Logical and Technical skills to building, testing, operation and Maintenance of
Electrical system

PSO-2: Equip to Provide Technical solution to the Electrical Engineering Problem With appropriate
Technique for Social development.

PSO-3: Exhibit Interpersonal Skills and Ethical Principles in Professional Field

2.1.1 A: Process identifying extent of compliance of the curriculum for attaining the POs & PSOs

- Courses are grouped as per the course category which are listed in table 2.1.1 A.

With reference to AICTE Model Curriculum for Diploma Course in Engineering and Technology, all the courses mentioned in MSBTE board curriculum are categorized as in Table 2.1.1 (A).

Table 2.1.1 (A) - List of course categories & courses in I Scheme curriculum

Sr.No.	Course Category	Course name
1	Engineering Sciences (ESC)	Fundamentals Of ICT
2		Engineering Graphics
3		Workshop Practice
4		Basic Mechanical Engineering
5		Elements of Electronics
6		Basic Mechanical Engineering
7	Humanities and Social Sciences (HSS)	English
8		Management
9	Basic Sciences (BSC)	Basic Science
10		Basic Mathematics
11		Applied Mathematics
12		Applied Science
13		Environmental Studies
14		Fundamentals of Electrical Engineering

15	Discipline Specific Course Core (DSC)	Electrical Circuits
16		Electrical and Electronic Measurements
17		Fundamentals of Power Electronics
18		Electrical Power Generation
19		Electrical Materials and Wiring Practice
20		Electrical Drawing and CAD
21		Electric Motors and Transformers
22		Electrical Power Transmission and Distribution
23		Industrial Measurement
24		Digital Electronics and Microcontroller Application
25	Discipline Specific Course Core (DSC)	Industrial Ac Machines
26		Switchgear and Protection
27		Maintenance of Electric Equipment
28		Utilization of Electrical Energy
29		Electrical Estimation and Contracting
30		Emerging Trends in Electrical Engineering
31	Skill Enhancement Courses (SEC)	Entrepreneurship Development
32		Industrial Training
33		Capstone Project Planning

34	Industrial Training (IT) / Project Work	Capstone Project -Execution & Report Writing
35	Program Elective (PE)	Energy Conservation and Audit
36		Illumination and Electrification of Buildings
37		Electric Substation Practices

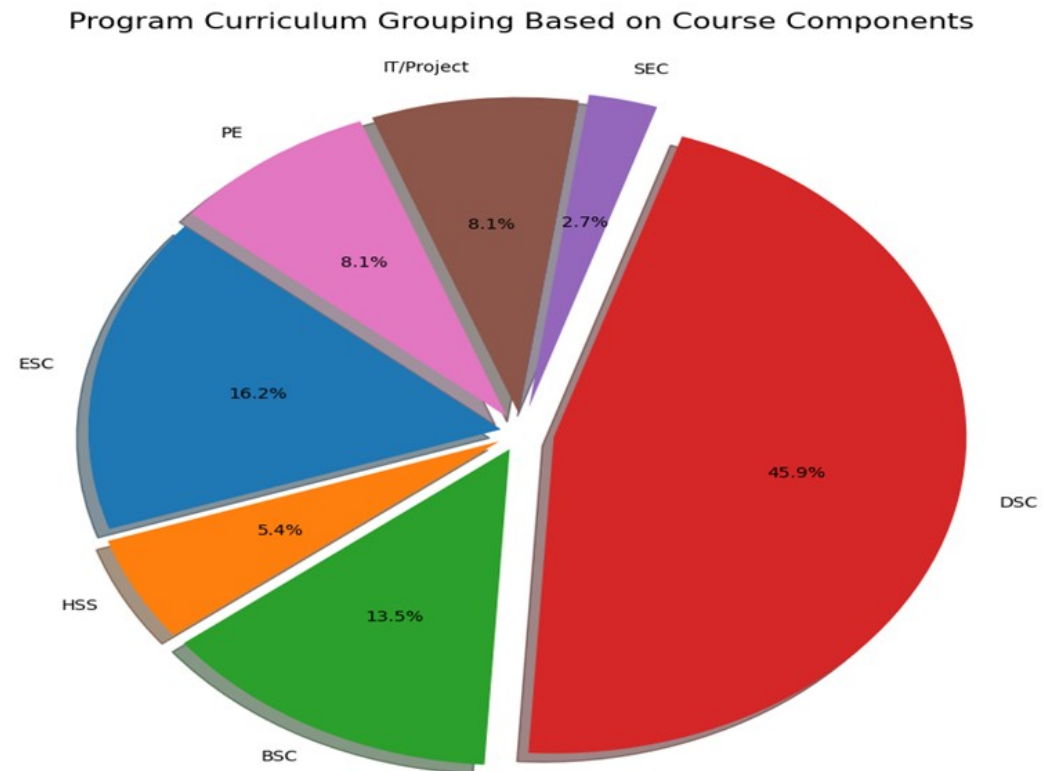


Figure 2.1.1 B Program Curriculum based on course components

Table 2.1.1 (B) - List of course categories & courses in K Scheme curriculum

Sr. No.	Course category	Name of Courses
1	Discipline Specific Course Core (DSC)	Basic science
		Applied science
		Elements of electronics
		Fundamental of electrical engineering
		Electrical circuits and network
		Electrical power generation, transmission and distribution
		Electrical and electronic measurement
		D.C. machines and transformers
		Utilization of electrical energy
		Electrical estimating and contracting
		A.C. machines performance
		Switchgear and protection
		Emerging trends in electrical engineering
		Energy conservation and audit
		Maintenance of electrical equipment's
		Engineering graphics
		Renewable energy technology

2	Discipline Specific Elective (DSE)	Industrial drives and control
3	Value Education Course (VEC)	Yoga and meditation
		Social and life skills
		Essence of Indian constitution
		Environmental education and sustainability
4	Intern. /Apprenti. /Project. / Community (INP)	Internship
		Capstone project
5	Ability Enhancement Course (AEC)	Basic mathematics
		Communication skills (English)
		Applied mathematics
		Entrepreneurship development and startups
		Seminar and project initiation course
		Management
		Basic python programming
6	Skill Enhancement Course (SEC)	Fundamentals of ICT
		Engineering workshop practices
		Professional communication
		Basic mechanical engineering
		Fundamentals of power electronics

Electrical material and wiring practice
Digital electronics and microcontroller applications
Computer aided drawing and simulation

Program Curriculum Grouping Based on Course Components

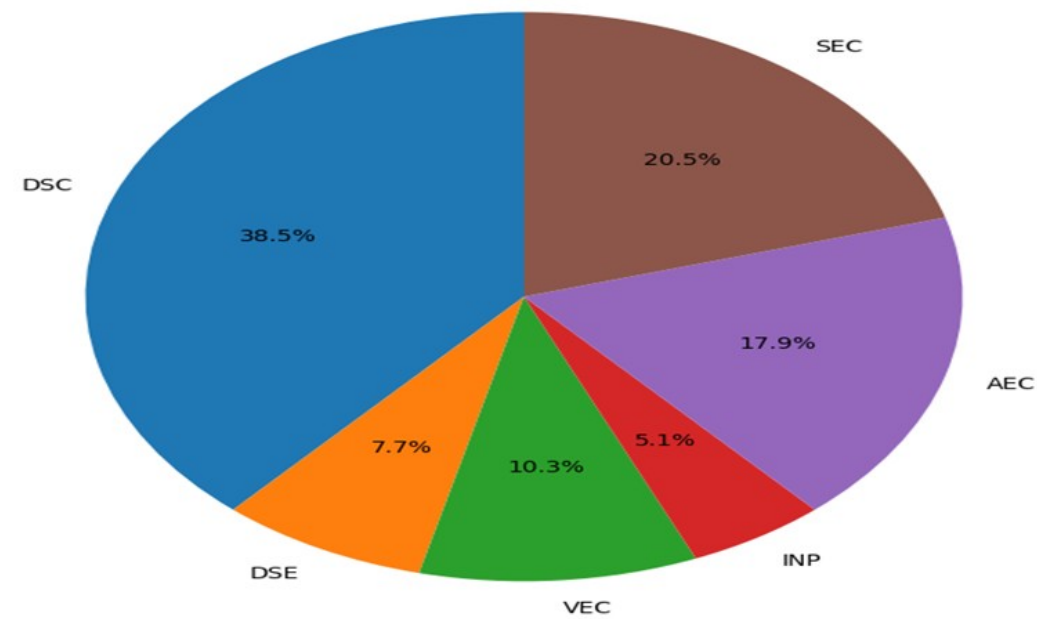


Figure 2.1.1 C Program Curriculum based on course components

I. Students' Assessment Process

Students are assessed on following parameters.

Curriculum Implementation and Assessment Norms by MSBTE introduce a robust, outcome-based education (OBE) framework for diploma engineering programs

1. As per teaching and examination scheme and MSBTE calendar two class tests are conducted for every course.
2. Practical /term work are continuously assessed by internal examiner during academic session.
3. Practical / term work is assessed by internal and external examiner during term end exam as per examination scheme.
4. Practical / Oral / Term work examination marks are based on actual performance in the practical or oral examination.
5. Total marks are as per Teaching Examination Scheme and sent to MSBTE. All records are kept in safe custody of Head of department and are produced whenever required for reference.
6. Term end examination has subjective papers as per examination scheme specified in curriculum.
7. Marks obtained by the students in above assessment are used for calculating attainment

For finding this compliance, an articulation matrix is prepared as discussed below:

Articulation Matrix:

The articulation matrix is a tool that helps in identifying the mapping of course outcomes with program outcomes (POs) and program-specific outcomes (PSOs). It helps to identify the extent to which each course contributes to the attainment of the POs and PSOs. From this matrix, the curricular gap is identified. Table No. 2.1.1B shows the articulation matrix in which all courses are mapped with POs & PSOs. Curriculum gaps with respect to POs/PSOs are considered, if the percentage of number of courses mapping to an individual PO/PSO is less than 80%.

Table 2.1.1 (C) I SCHEME-PO/PSO Attainment for AY - 2024-25(GRADUATING BATCH: (2022-25)

Sr. No.	Couse	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	ENG 22101	✓	✓			✓	✓	✓			✓
2	BSC 22102	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	BMS 22103	✓	✓					✓	✓	✓	✓
4	ICT 22001	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	EGM 22002	✓			✓		✓	✓	✓		

6	WPM 22004	✓	✓	✓	✓			✓	✓	✓	✓
7	AME 22210	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	ASE 22211	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	FEE 22212	✓	✓	✓	✓	✓		✓	✓	✓	✓
10	EOE 22213	✓	✓	✓	✓			✓	✓	✓	✓
11	BME 22214	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	BCC 22009	✓	✓		✓		✓	✓			✓
13	ECI 22324	✓	✓	✓	✓			✓	✓	✓	✓
14	EEM 22325	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	FPE 22326	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	EPG 22327	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	EMW 22328	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	CNE 22418	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	EPT 22419	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	IME 22420	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	DEM 22421	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	EST 22447	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	EDC 22033	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

24	MAN 22509	✓	✓	✓			✓	✓		✓	✓
25	IAM 22523	✓	✓	✓	✓	✓		✓	✓	✓	✓
26	SAP 22524	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	ECA 22525	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	EDE 22032	✓	✓	✓	✓		✓	✓			✓
29	ITR 22057	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	CPP 22058	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	IEB 22530	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	MEE 22625	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	UEE 22626	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	EEC 22627	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	ETE 22628	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	CPE 22060	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	ESP 22633	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of courses mapping POs		37	36	33	34	29	31	37	33	33	34
Total number of Courses		37									

% of Number of courses mapping with POs /PSOs		100	97.2	89.1	91.89	78.37	83.7	100	89.18	89.18	91.89

Table 2.1.1 (D) Summary of mapping of Courses to POs and PSOs

Program Outcomes /Program Specific Outcomes		No. of courses mapped with PO/PSO	Percentage (%)
PO1	Basic and Discipline specific knowledge	37	100
PO2	Problem analysis	36	97.2
PO3	Design/development of solutions	33	89.18
PO4	Engineering Tools, Experimentation and Testing	33	91.89
PO5	Engineering practices for society, sustainability and environment	28	78.37
PO6	Project Management	29	83.7
PO7	Life-long learning	34	100
PSO1	Exhibit Logical and Technical skills to building, testing, operation and Maintenance of Electrical system	33	89.18
PSO2	Equip to Provide Technical solution to the Electrical Engineering Problem with Appropriate Technique for Social development.	33	89.18
PSO3	Exhibit Interpersonal Skills and Ethical Principles in Professional Field	34	91.89

% of Number of courses mapping POs = (No. of courses mapped with POs Or PSOs / Total number of Courses) * 100

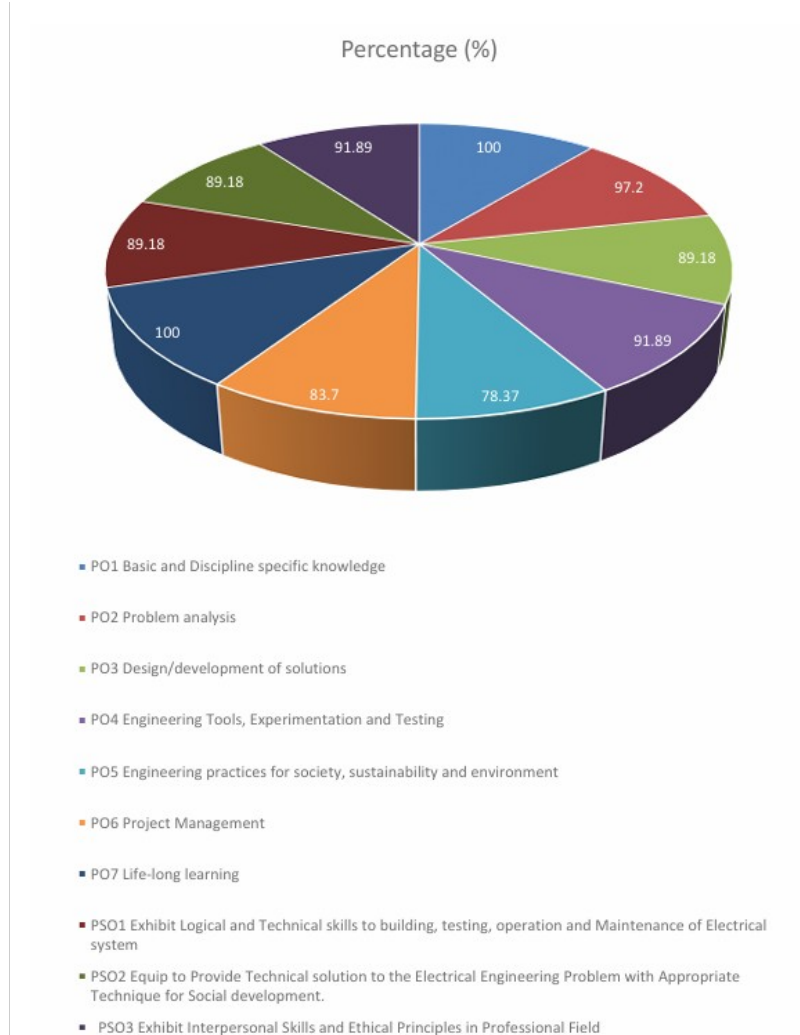


Figure 2.1.1 D Summary of mapping of Courses to POs and PSOs

Table 2.1.1 (E) CO-PO-PSO Mapping (K Scheme)

Sr. No.	Couse	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	BMS 311302	✓	✓	✓	✓	✓	✓	✓	✓	✓	

2	ENG 311303	✓	✓				✓	✓			✓
3	BSC 311305	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	ICT 311001	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	YAM 311003			✓					✓	✓	✓
6	EWP 311005	✓			✓	✓	✓	✓	✓	✓	✓
7	EGR 311006	✓			✓		✓		✓	✓	✓
8	AMS 312301	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	ASC 312308	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	EOE 312309	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	FEE 312310	✓	✓	✓	✓	✓		✓	✓	✓	✓
12	PCO 312002	✓	✓	✓				✓			✓
13	SFS 312003	✓	✓	✓	✓	✓	✓	✓			✓
14	BME 312006	✓			✓			✓	✓	✓	✓
15	ECN 313332	✓	✓	✓	✓			✓	✓	✓	✓
16	GTD 313333	✓	✓	✓	✓	✓	✓	✓			✓
17	EEM 313334	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

18	FPE 313335	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	EIC 313002	✓	✓		✓	✓		✓			✓
20	EMW 313015	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	EES 314301	✓	✓	✓		✓	✓	✓	✓	✓	✓
22	DMT 314322	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	UEE 314323	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	DEM 314324	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	EEC 314325	✓		✓	✓	✓	✓	✓	✓	✓	✓
26	CDS 314008	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	ACM 315333	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	SGP 315334	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	ENDS 315002	✓	✓	✓	✓		✓	✓			✓
30	SPI 315003	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	ITR 315004	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	RET 315337	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	MAN 315301	✓	✓	✓		✓	✓	✓	✓		✓
34	ETE 316326	✓	✓	✓	✓	✓	✓	✓	✓	✓	
35	ECA 316327	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

36	MEE 316328	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	BPP 313011	✓	✓	✓	✓			✓			✓
38	CPE 316004	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	IDC 316330	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of courses mapping POs		38	35	33	33	31	32	37	32	31	35
Total number of Courses		39									
% of Number of courses mapping with POs /PSOs		97.43	89.74	84.61	84.61	79.48	82.05	94.87	82.05	79.48	89.74

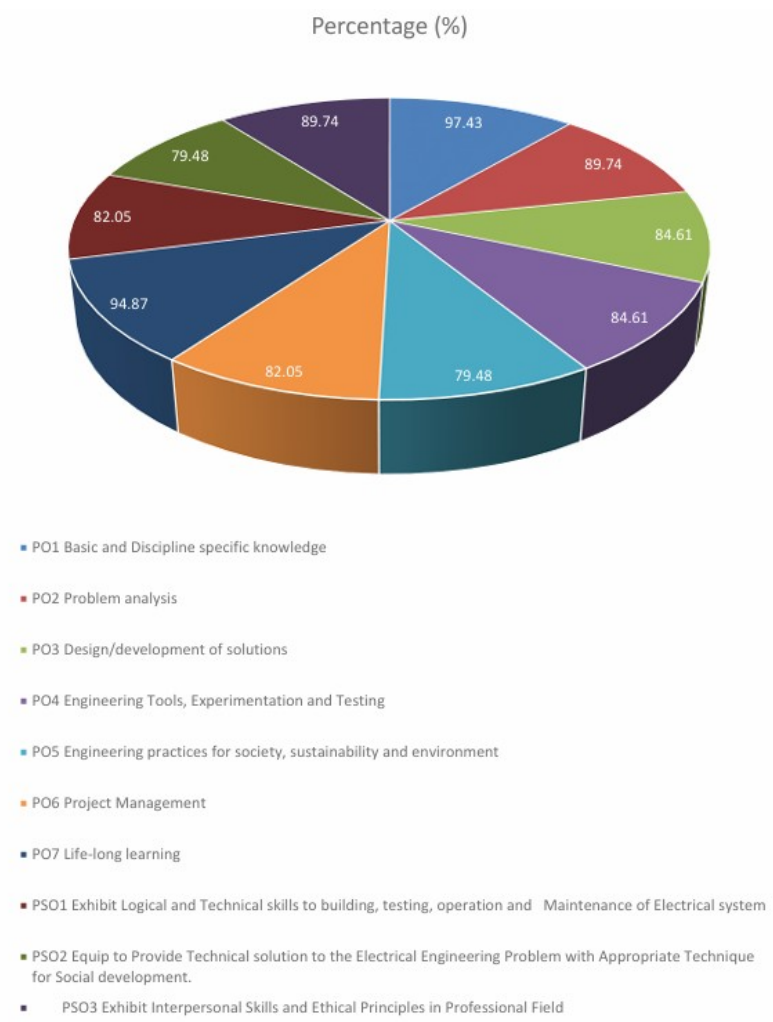


Figure 2.1.1 E Summary of mapping of Courses to POs and PSOs

Table 2.1.1 (F) Summary of mapping of Courses to POs and PSOs

Program Outcomes /Program Specific Outcomes		No. of courses mapped with PO/PSO	Percentage (%)
PO1	Basic and Discipline specific knowledge	38	97.43
PO2	Problem analysis	35	89.74
PO3	Design/development of solutions	33	84.61
PO4	Engineering Tools, Experimentation and Testing	33	84.61
PO5	Engineering practices for society, sustainability and environment	31	79.48
PO6	Project Management	32	82.05
PO7	Life-long learning	37	94.87
PSO1	Exhibit Logical and Technical skills to building, testing, operation and Maintenance of Electrical system	32	82.05
PSO2	Equip to Provide Technical solution to the Electrical Engineering Problem with Appropriate Technique for Social development.	31	79.48
PSO3	Exhibit Interpersonal Skills and Ethical Principles in Professional Field	35	89.74

2.2 Teaching - Learning Process (160)

2.2.1 Describe Processes followed to ensure/improve quality of Teaching & Learning based on following points (25)

Institute Marks
22.00

A. Adherence to Academic Calendar (3)

Institute Marks
3.00

A. Adherence to Academic Calendar (3)

MSBTE publishes the academic calendar at the start of academic year well in advance. In accordance with this academic calendar, Institute and department prepares academic calendar and strictly follow activity according to the calendar for curriculum implementation.



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION
 (Autonomous) (ISO 9001:2015) (ISO/IEC27001:2013)
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 Tel.No.: 022-62542100
 Email:secretary@msbte.com web:www.msbte.org.in

No. MSBTE/D-40/Academic Calendar/2023-24/332

Date **22 JUN 2023**

**A. Y. 2023-24 -- Academic Calendar for AICTE approved Diploma Engineering,
 PCI approved Diploma Pharmacy & State Government approved short term
 (Non-AICTE) courses**

Odd Semester Academic Schedule					
S.N.	Activities	Semester Pattern (3,5,7 semester)	Newly admitted 1 st semester	Yearly Pattern (2, 3 year)	Newly admitted 1 st Year
1	Odd Semester Academic Term	July 24 – November 10, 2023	*August 10 – November 24, 2023	July 24 – November 10, 2023	*August 10 – November 10, 2023
2	First Class Test	September 04 – 06, 2023	September 13 – 15, 2023	October 09 – 11, 2023	October 30 – November 01, 2023
				For Pharmacy October 09 – 14, 2023	For Pharmacy October 30 – November 04, 2023
3	Second Class Test	October 25 – 27, 2023	November 06 – 08, 2023	--	--
*Commencement of term as per the date specified by the Admission Authority.					
Examination form filling Schedule for Winter 2023 Exam					
Regular Exam forms will be made available for Odd semester students and Backlog exam forms will be made available for Odd semester, Even semester & Yearly pattern students					
S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Exam form fees + Late fees of Rs. 200/-)	Filling Examination forms (With Exam form fees + Penalty Rs. 1500/-)	
1	Candidate fill	September 11 - 24, 2023	September 26 - 28, 2023	September 30 – October 02, 2023	
2	Institute fill & Confirmation	September 11 - 25, 2023	September 26 - 29, 2023	September 30 – October 03, 2023	
3	RBTE confirmation	October 04 – 06, 2023			
Last date for RBTE confirmation of filled exam form is 06 th October, 2023 upto 5:00 PM					
Enrollment schedule for Newly admitted 1 st Semester / Year and Direct 2 nd year students and Winter 2023 Exam form schedule for Newly admitted 1 st and 3 rd semester students					
S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Regular fees + Late fees of Rs. 200/-)	Filling Examination forms (With regular fees + Penalty Rs. 1500/-)	
1	Candidate fill	September 11 - 24, 2023	September 26 - 28, 2023	September 30 – October 02, 2023	
2	Institute fill & Confirmation	September 11 - 25, 2023	September 26 - 29, 2023	September 30 – October 03, 2023	
3	RBTE Confirmation	October 04 – 06, 2023			

Last date for RBTE confirmation of Enrollment and filled exam form is 06th October, 2023 upto 5:00 PM

Page 1 of 3

MSBTE Academic Calendar A.Y.2023-24



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Institute Academic Calender



Academic Year - 2023-24

Semester - 1st, 3rd, 5th

Month	Week No.	Week Days							Events	
		Sun	Mon	Tue	Wed	Thu	Fri	Sat		
July	1		24	25	26	27	28	29	→ 24 th SY & TY Term Commencement	
	2	30	31						→ 29 th Moharam	
August	3			1	2	3	4	5	→ 11 th Start of Refresher Course for DSY Students	
	4	6	7	8	9	10	11	12	→ 15 th Independence Day	
	5	13	14	15	16	17	18	19	→ 16 th Parsi New Year	
	6	20	21	22	23	24	25	26	→ 17 th FY Term Commencement	
	7	27	28	29	30	31			→ 19 th Induction Program FY	
September	8						1	2	→ 04 to 06 First Class Test SY & TY, 13 To 15 First Class Test FY	
	9	3	4	5	6	7	8	9	→ 11 th First Parent Meet SY & TY, 20 th First Parent Meet FY	
	10	10	11	12	13	14	15	16	→ 15 th Engineers Day	
	11	17	18	19	20	21	22	23	→ 19 th Shree Ganesh Chaturthi, → 28 th Id-e-Milad	
	12	24	25	26	27	28	29	30	→ 30 th TECHNOFEST 2K23 (Technical Event)	
October	13	1	2	3	4	5	6	7	→ 2 nd Mahatma Gandhi Jayanti	
	14	8	9	10	11	12	13	14	→ 03 to 17 Industrial Visit & Industry Expert Lecture Slot	
	15	15	16	17	18	19	20	21	→ 24 th Dussehra	
	16	22	23	24	25	26	27	28	→ 25 to 27 Second Class Test SY & TY	
	17	29	30	31					→ 31 st Second Parent Meet SY & TY	
November	18				1	2	3	4	→ 06 to 08 Second Class Test FY	
	19	5	6	7	8	9	10	11	→ 10 th SY & TY Term End, → 11 to 15 SY & TY Submission Schedule	
	20	12	13	14	15	16	17	18	→ 13 th Second Parent Meet FY, → 14 th Balipratipada, Dipawali Padwa	
	21	19	20	21	22	23	24		→ 20 to 24 FY Submission Schedule, → 24 th FY Term End	
Class	Term Commencement			Term End			I st Class Test	II nd Class Test	Practical Exam	Theory Exam
SY & TY	24 July 2023			10 November 2023			04 to 06 Sept. 23	25 to 27 Oct. 23	16 to 24 Nov. 23	01 to 22 Dec. 23
FY	10 August 2023			24 November 2023			13 to 15 Sept. 23	06 to 08 Nov. 23	25 to 30 Nov. 23	
Exam Form Filling Schedule for Winter - 2023										

Class	Normal Fees	With Exam Form Fees+Late Fees Rs. 200/-	With Exam Form Fees + Penalty Rs. 1500/-
FY-SY-TY	11 to 24 Sept. 2023	26 to 28 Sept. 2023	30 Sept. to 02 Oct. 2023

Total Working Days = 100

Commencement of Next Even Semester = 01 Jan. 2024

Note: In unavoidable circumstances, the necessary amendment in the schedule of any activity will be notified time to time.


Academic Co-ordinator
S. I. E. T. (Paniv)


Principal
Shriram Institute Of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

Institute Academic Calendar A.Y.2023-24 (Sem I, III, V)



Shriram Shikshan Sanstha's
SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (Poly), PANIV
TALUKA - MALSHIRAS, DIST - SOLAPUR - 413113.
INSTT. CODE -0994
Academic Year - 2023-2024



Tel: - 02185-274055 Fax No: - 02185-274244, 9975170994 E-mail- sietetc01@gmail.com

Web- www.sietpaniv.org

Date:-06/06/2024 (Version 1)

Mechanical Engineering Dept. II,IV&VI Semester.

Reference:-MSBTE and SIET (Poly), Paniv. Academic Calendar A.Y-2023-24.

Even Term For FY,SY And TY		01 Jan 2024 To 09 April 2024 (Available working Days : 88)
Sr. No	Activities	Date/Period
1	Commencement of III & V Sem.	01 Jan 2024 To 09 April 2024
2	First Class Test	12/02/2024 To 13/02/2024
3	First Parent Meeting	20/02/2024
4	First IMC	-
5	First EAMC	-
6	Completion Of Syllabus	06 April 2024
7	Submission Work Practical Exam (Internal)	01-09April 2024
8	Second Class Test	26/03/2024 To 28/03/2024
09	Second Parent Meeting	02/04/2024
10	Student Guardian Meeting	Every month one
11	Practical Exam (External)	10/04/2024 To 19/04/2024
12	Theory Exam	23/04/2024 To 16/05/2024
13	Winter Break	17/05/2024 To 27/05/2024 (Tentatively)
14	Declaration Of Result	3rd week of Jun 2024 (Tentatively)
15	Guest lecture	Four lectures per Semester (15/01/2024 To 31/01/2024) 1. Fundamental Of fluid Mechanics & its Applications .2.Industrial Management
16	Workshop	Last week of March. 2024
17	Industrial Visit	Four Visit Per Semester (15/01/2024 To 31/01/2024) 1.Sai Engineering 2. Sai Udyog 3.Siddhivinyak Wheel Alignment 4. MSRTC Bus depot.
18	Test Series	15 March 2024 To 17 March.2024. (Tentatively)
19	State Level Event & EAC	(Robo Race,Mech Mind)
20	Faculty Training Program	Last week of March 2024.
21	Start Of Next Semester	01/07/2024
22	Extra Working Sunday	-

Note :- 01) Using I- card is Mandatory. 02) Students must in Uniform. 03) Prior permission before leave is Mandatory. In case absenteeism without permission, He / She must being Absent note signed by parents and / or Medical Certificate in case of illness. 04) Students are responsible for their own safety during the visit. 05) Students are responsible for their own safety during the visit.

sickness. 04) Students are responsible for filling Scholarships/ Freeships / Examination form as per Schedule.

Department Academic

Calendar A.Y.2023-24 (Sem I, III, V)

Institute Monitoring Schedule

Sr. No.	Activities	Odd semester	Even Semester	Yearly Pattern
1	First Internal Institute Monitoring	September 2019 Third week		September 2019 Third Week
2	First External Institute Monitoring Committee visit & submission of report	October 2019 First week		October 2019 First week
3	Online confirmation by Regional Review Committee	October 2019 Fourth week		
4	Communication to Affiliated Institutions	November 2019 First week		November 2019 First week
5	Second Internal Institute Monitoring		February 2020 Second week	February 2020 Second week
6	Second External Institute Monitoring Committee visit & submission of report		February 2020 Fourth week	February 2020 Fourth week
7	Online confirmation by Regional Review Committee		March 2020 Second week	March 2020 Second week
8	Communication to Affiliated Institutions		May 2020 Second week	May 2020 Second week

B. Use of various instructional planning and delivery methods (3)

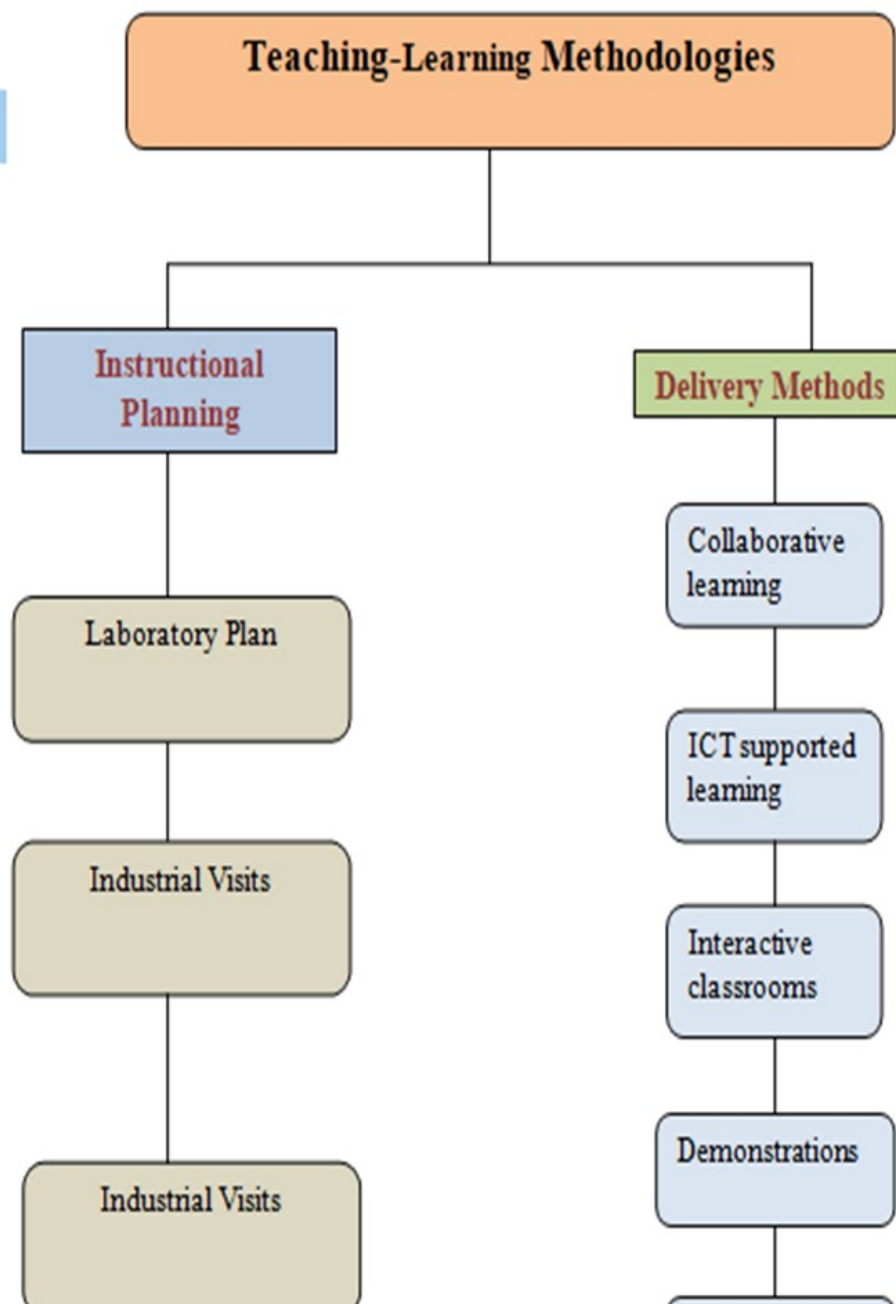
Institute Marks

0.00

B. Use of various instructional planning and delivery methods (3)**1.Preservation/ Maintenance of Course files:**

For each course, a course file is prepared by the concerned faculty. The course file contains Vision, Mission statement of programme, Programme Educational Objectives, Program Outcomes &Program Specific Outcomes, course contents,CO-PO mapping matrix,course material,previous year question papers, model answers, list of practical's, list of equipment, teaching plan, lesson plan, question bank and assignments.

Form at of teaching plan and laboratory plan as per CIAAN norms is given in fig 2.2.1B1and 2.2.1B 2.



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Electrical Engg. Department
Teaching Plan (TP)

Academic Year :- 2023-2024
Course :- Maintenance Of Electrical Equipment
Semester :- VIth

Program :- Electrical Engineering
Course Code :- 22625
Name of Faculty :- Mr. Salunkhe S. H.

Ch. No. (Allocated Hrs.)	CO (Mention Only Number)	UO (Mention Only Number)	Title / Details (The Faculty is supposed to mention the details of topic & Subtopics)	Plan (From TO & No. of Lectures)	Actual Execution (From- TO & No. of Lectures)	Teaching Method / Media	Remarks
1 (06) Safety & Preventio n of accident	a	1a	Safety practices : safety, hazards , accident, dos & Don'ts for electrical supervisors	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Electrical shock: factors of shock influence ,rescuing person procedure of artificial respiration	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Precaution against electrical fire, use of extinguisher,	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Types of fire extinguisher & operation	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Earthing of electrical equipment	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
		1e	Objectives ,classification of electrical earthing	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Maintenance : Routine , breakdown	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Maintenance : Preventive & predictive Maintenance	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Factors affecting ,Preventive maintenance schedule	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Transformer	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
2 (10) Maintena nce Schedules	b	2d	Recommended maintenance schedule: Single phase induction motor	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Three phase induction motor	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Three phase induction motor	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
		2f	Recommended maintenance schedule: Three phase alternator	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Three phase alternator	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Synchronous motor	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C
			Recommended maintenance schedule: Synchronous motor	01/11/24 to 01/11/24 (C)	01/11/24 to 01/11/24 (C)	Black Board & chalk	C

Tutorials

Experiential learning

3 (12) Testing & maintenance of rotating machine	c	3a	Testing : Need & standards, Tolerance	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Types of testing : Special types, supplementary tests	2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		3b	Methods of testing : Direct method indirect method & regenerative method	2/3/24 to 2/3/24 (C)	2/3/24 (C)	PPT	C
		3c	Induction motor testing : Routine, special type of testing as per IS 7572-1974	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Testing of three phase induction motor as per IS 4029-2010	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Alternator testing	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Synchronous motor testing as per IS 7132-1973	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Trouble shooting chart for single phase induction motor	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Trouble shooting chart for Three phase induction motor	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		3d	Foundation & factors affecting rotating machine	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C

Maharashtra State Board Of Technical Education, Mumbai							
4 (12) Testing & trouble shooting of transformer	d	3c	Tools / instruments	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Tools / instruments	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		4a	Routine test of transformer as per 2026-1981 for distribution & power transformer	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Special test of transformer as per 2026-1981 for distribution & power transformer	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		4b	Causes of failure : Internal	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Causes of failure : External	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		4c	Types of faults : Mechanical, Electrical, Magnetic	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Trouble shooting chart for single phase Transformer	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		4c	Trouble shooting chart for Three phase Transformer	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Foundation required for static machine	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Factor affecting on static machine	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
5 (08) Maintenance of Electrical machine Insulation	e	5a	Classification of insulating material as per IS 8550-1994	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Factor affecting on life of insulating material	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Measurement of resistance of insulating material & conditions	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		5b	Transformer oil testing	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			Testing of Strengthening of Insulations	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
		5c	Measurement to be taken to maintain resistance of insulating material	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
			History tests of transformer & motor	2/3/24 to 2/3/24 (C)	2/3/24 (C)	Black Board & chalk	C
Name & Signature of Subject Teacher			Name & Signature of HOD				
Mr. Satyajeet S.H.			Dept. Of Electrical Engg. S.I.E.T. Paniv				

Teaching Plan I Scheme (Format D1)

Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Electrical Engg. Department
Laboratory Assignment / Sheet / Job / Project Activity Planning (LP)

D-2

Program :- Electrical Engineering
 Course Code :- 22625
 Name of Faculty :- Mr. Salunkhe S. H.

Academic Year :- 2023-24
 Course :- Maintenance of Electric Equipments
 Semester :- VIth

Batch :- T1

Sr. No.	CO	PrO	Name of Experiment / Assignment / Sheet / Job / Project Activity	Planned Date		Actual Date	Remark
				From	To		
1	Maintain Electrical Machine	Perform the no load test, measure winding resistance for a single phase induction motor & determine its performance	No load test of single phase induction motor	6/1/24	13/1/24	13/1/24	C
2		Perform the no load & block rotor test on three phase induction motor to determine the equivalent circuit	No load & block rotor test of three phase induction motor	20/1/24	24/1/24	24/1/24	C
3		For the motor tested in practical plot the circle diagram & judge its performance	Circle diagram	31/2/24	10/2/24	31/2/24	C
4		Perform the brake load test on the three phase induction motor to plot 1) Torque vs speed, 2) Current drawn vs output, 3) power factor vs output	Brake test of three phase induction motor	13/2/24	24/2/24	24/2/24	C
5		Perform open circuit voltage ratio test on the three phase slip ring induction motor	Ratio test of three phase slip ring induction motor	21/3/24	21/3/24	21/3/24	C
6	Maintain single phase & three phase transformer	Perform the phasing out & polarity tests on the three phase transformer	Polarity test on three phase transformer	9/3/24	9/3/24	9/3/24	C
7		Perform the back to back test on two identical single phase transformer & determine their efficiency & regulations	Perform the back to back test on two identical single phase transformer	16/3/24	16/3/24	16/3/24	C
8	Prepare maintenance schedule for electrical equipment	Prepare maintenance & trouble shooting chart three phase transformer	Maintenance & trouble shooting chart three phase transformer	23/3/24	23/3/24	23/3/24	C
9	Maintain Electrical Machine	HV test on three phase induction motor	HV test on three phase induction motor	20/3/24	20/3/24	20/3/24	C
10		HV test on single phase induction motor	HV test on single phase induction motor	6/4/24	6/4/24	6/4/24	C

Name and Signature of Subject Teacher
 Mr. Salunkhe S. H.

H.O.D.
 Dept. of Electrical Engg.
 S.I.E.T. Paniv

Laboratory Plan I Scheme (D2 Format)

Maharashtra State Board Of Technical Education

TEACHING PLAN (TP)

Name of the Institute: - SHIRAM INSTITUTE OF ENGINEERING AND TECHNOLOGY (POLYTECHNIC), PANTRY
 Academic Year: 2023-24
 Institute Code No.: - 0994
 Course: Electrical Engg.
 Semester: Second

Subject Name : Fundamental of Electrical Engineering
 Course Code: 312310
 Name of Faculty: Mr. Salunkhe S. H.

Chapter No	CO (Mention only number)	UO (Mention only number)	Title	Plan (From -to & No. of lectures)	Actual Execution (From -to & No. of lectures)	Teaching Media/Method	Remarks
1(10)(Basic Electrical Parameters)	a	1.a,b	1.1 Direct current(DC), Alternating current(AC), voltage source and current source	3/1/24 to 4/1/24 (2)	3/1/24 to 4/1/24 (2)	Black Board, Chalk	C
		1.b	1.2 Electric current, Electric potential, potential difference(P.D), Electro-motive-force.	5/1/24 to 6/1/24 (2)	5/1/24 to 6/1/24 (2)		C
		1.b	1.3 Electrical work, power and energy	10/1/24 to 11/1/24 (2)	10/1/24 to 11/1/24 (2)		C
		1.b	1.4 Resistance, Resistivity, Conductivity, Effect of Temperature on Resistance	11/1/24 to 12/1/24 (2)	11/1/24 to 12/1/24 (2)		C
		1.c	1.5 Types of Resistor and their applications	13/1/24 to 14/1/24 (2)	13/1/24 to 14/1/24 (2)		C
		1.c	1.6 Heating effect, Magnetic effect, Chemical effect of electric current	15/1/24 to 18/1/24 (4)	15/1/24 to 18/1/24 (4)		C
2(12) (D.C Circuits)	b	2.a,c	2.1 Ohms Law, Internal resistance of source, internal voltage drop, Terminal Voltage.	19/1/24 to 21/1/24 (3)	19/1/24 to 21/1/24 (3)	Black Board, Chalk	C
		2.c	2.2 Resistance in series, resistance in parallel.	24/1/24 to 27/1/24 (3)	24/1/24 to 27/1/24 (3)		C
		2.d,b	2.3 Active, passive, linear, non linear circuits, unilateral circuits and bilateral circuits, passive and active network, node, branch, loop, mesh	28/1/24 to 1/2/24 (3)	28/1/24 to 1/2/24 (3)		C
		2.d	2.4 Kirchhoff's current law, Kirchhoff's voltage law	2/2/24 to 4/2/24 (3)	2/2/24 to 4/2/24 (3)		C
		3.a	3.1 capacitor, parallel plate capacitor	7/2/24 to 7/2/24 (1)	7/2/24 to 7/2/24 (1)	Black Board, Chalk	C
3(12) (Capacitor)	c	3.a,b	3.1 various connection of capacitor	8/2/24 to 8/2/24 (1)	8/2/24 to 8/2/24 (1)		C
		3.b	3.3 energy stored in capacitor	9/2/24 to 9/2/24 (1)	9/2/24 to 9/2/24 (1)		C
		3.d	3.4 Charging and discharging of capacitor	10/2/24 to 11/2/24 (2)	10/2/24 to 11/2/24 (2)		C
		3.d	3.5 breakdown voltage and Dielectric strength	15/2/24 to 16/2/24 (2)	15/2/24 to 16/2/24 (2)		C
		3.a	3.6 Application of Capacitor	17/2/24 to 17/2/24 (1)	17/2/24 to 17/2/24 (1)		C
		3.d	Types of Battery, Construction, Series & Parallel Connection of Battery	21/2/24 to 22/2/24 (2)	21/2/24 to 22/2/24 (2)		C
		3.d	3.4 Charging and discharging of capacitor & Battery	23/2/24 to 24/2/24 (2)	23/2/24 to 24/2/24 (2)		C

4(12)(Magnetic circuits)	d	4.a	4.1 Magnetic lines of force, flux density magnetic flux intensity.	28/12/24 to 11/3/24 (3)	28/12/24 to 11/3/24 (3)	Black Board, Chalk	C
		4.a	magnetic-motive-forces, Ampere turns, reluctance, permeance, reluctivity.	21/3/24 to 6/3/24 (3)	21/3/24 to 6/3/24 (3)		C
		4.a,b	4.3 electric and magnetic circuit: series magnetic and parallel magnetic circuit.	7/3/24 to 10/3/24 (3)	7/3/24 to 10/3/24 (3)		C
		4.c	4.4 magnetization curve (B-H CURVE)	13/3/24 to 13/3/24 (1)	13/3/24 to 13/3/24 (1)		C
		4.c,d	Magnetic hysteresis, hysteresis loop, application	14/3/24 to 15/3/24 (2)	14/3/24 to 15/3/24 (2)		C
5(14)(Electromagnetic Induction)	e	5.a	5.1 Development of e.m.f and Current, Faradays laws of Electromagnetic induction.	16/3/24 to 20/3/24 (3)	16/3/24 to 20/3/24 (3)	Black Board, Chalk	C
		5.a	5.2 Static and dynamic emf, Lenz's Law, Fleming's Right hand rule.	21/3/24 to 23/3/24 (3)	21/3/24 to 23/3/24 (3)		C
		5,d	5.3 Self Inductance, Coefficient of Self inductance (L), Mutual inductance (M), Self inductance emf and mutually induced emf, coefficient of coupling.	24/3/24 to 31/3/24 (3)	24/3/24 to 31/3/24 (3)		C
		5,d	Inductance in series.	4/4/24 to 5/4/24 (2)	4/4/24 to 5/4/24 (2)		C
		5,d	types of inductor, their application and Energy stored in magnetic field.	6/4/24 to 8/4/24 (3)	6/4/24 to 8/4/24 (3)		C

Name & signature of Faculty

Mr. Salunike S.H.

Name & signature of HOD

HOD

General Science Dept.
S.I.E.T. (Poly) P.

Tal. Malshiras, Dist. Solapur-413113

Teaching Plan K Scheme (Format K1)

Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Santha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
General Science & Humanity Department
Laboratory Assignment / Sheet / Job / Project Activity Planning (LP)

D-2

Academic Year :- 2023-24
 Course :- EE21
 Semester :- Second

Batch :- E1

Program :- Electrical Engineering
 Course Code :- 312310
 Name of Faculty :- Mr. Salunkhe S. H.



Sr. No.	CO	PrO	Name of Experiment / Assignment / Sheet / Job / Project Activity	Planned Date		Actual Date	Remark
				From	To		
1	Determine various parameters used in electrical circuit	Draw layout of Electrical Engineering laboratory.	Preparation of Layout of Electrical Engineering Laboratory.	31/12/24	6/1/24	6/1/24	C
2		Operate the fire extinguishers and prepare charts of the safety rules to be followed in the electrical lab	Operation of fire extinguisher and preparation of safety rules charts	10/1/24	13/1/24	13/1/24	C
3		Use relevant electric tools for various applications	Check lab supply system and make use of relevant electric tools for various applications.	17/1/24	21/1/24	21/1/24	C
4	Use of basic law of electrical engineering in Dc Circuit	Verify Ohm's Law	Verification of Ohm's Law	24/1/24	27/1/24	27/1/24	C
5	Determine various parameters used in electrical circuit	Able to connect and read multi range analog meters (Ammeter, Voltmeter)	Read analog meters for measurement of various electrical quantities in AC/DC circuits.	31/1/24	3/2/24	3/2/24	C
6		Operate Multimeter and Clip-On meter for the measurement of AC/DC Current, Voltage and Resistance in the given circuit.	Use of Multimeter and Clip-On meter for the measurement of AC/DC Current, Voltage and Resistance in the given circuit	9/2/24	10/2/24	10/2/24	C
7		Check frequency, Time period, Peak Value and Average Value of the given A.C. wave on CRO	Measurement of frequency, Time period, Peak Value and Average Value of the given A.C. wave on CRO	11/2/24	11/2/24	11/2/24	C
8		Verify Kirchoff's Voltage Law	Verification of Kirchoff's Voltage Law	17/2/24	21/2/24	21/2/24	C
9		Verification of Kirchoff's Current Law	Verification of Kirchoff's Current Voltage Law	24/2/24	24/2/24	24/2/24	C

S.E.T. (Poly) Pann
Tel. Malanpur, Dist. Solapur-413113

- **Industrial Visits:** Industrial visits are planned according to the requirements of courses needing elaborate coverage for POs/PSOs. Industrial visits help to students to acquire knowledge about modern tools and equipments





- **Expert Guest Lectures:** Experts from various industries are invited to provide the students with additional insights of the courses.



- **Collaborative learning:** Through this approach attempts are made to nurture professional skills such as team work, leadership, resource applications, sharing ideas, recognizing problems and selecting probable solutions. As a part of project based learning, students perform micro projects, capstone projects in small groups.
- **ICT Supported learning:** Different ICT tools like LCD projectors, video lectures, tutorials and other e-resources are made available for teachers as well students in classrooms and laboratories to undergo development programs such as NPTEL, explore the e-contents relevant to the courses.
- **Interactive Classrooms:** This method ensures interaction with students while learning and provides them opportunities to raise their opinions and queries. Flipped class room concept is used to increase student engagement and learning.



Demonstrations: With direct demonstration method, the theoretical as well as practical concepts are delivered and demonstrated in classroom and laboratory respectively. It ensures learning of theory and practical concepts related to a course and its applications

Tutorial: As per MSBTE curriculum, some of the courses such as Basic Mathematics, **Applied Mathematics** are having tutorials. During the tutorial hours, students are engaged to practice assignments.

Experiential learning: Field based experiential learning like Internship, service learning and class based experiential learning like role case studies, quizzes, simulation, virtual lab, presentations are practiced



C. Methodologies to support weak students and encourage bright students (4)

Institute Marks

4.00

C. Methodologies to support weak students and encourage bright students (4)

The academic progress of the students is tracked throughout the program completion and special efforts are made to bring weak students at par with the average/above average group. Students with good potential and skills are guided to high levels of achievements and encouraged towards challenging goals. Bright and Weak students are identified based on their performance in the internal class test examinations and end semester board theory examination. Those students who secure first class (more than 60% marks) in internal class test examinations and pass (40% and above marks) in end semester board theory examination are categorized as BRIGHT students and those students who secure less than 40% marks in internal class test examinations or gets ATKT/ failed in end semester board theory examination are considered as weak

Category of Students	Internal Class Test Marks	End Semester MSBTE Board Exam
Bright	First Class (Scoring more than 60% Marks)	Pass(40% and above marks)
Weak	Scoring less than 40% Marks	ATKT / Fail

1) Encouraging Bright Students.

- Class toppers are felicitated at Institute level function and their photographs are published in department newsletter and institute brochure.
- Bright students are encouraged to participate in MSBTE and inter-institute competitions such as paper presentations, model making competitions, project competitions and extra-curricular activities.
- Additional Books for reference are provided from Library.

2) Extending help to academically weak students

- Motivating weak students using interactive sessions, collaborative learning.
- Counseling with parents & Motivation
- Conducting refresher courses for direct entry students.
- Providing question banks for practice.
- Conducting remedial classes.
- Providing specific course notes and solutions for MSBTE question papers.

D. Quality of classroom teaching (3)

Institute Marks

3.00

. D.Quality of classroom teaching (3)

ICT enabled teaching learning practices: Faculty use projectors laptops for PPT, video lectures simulations and animations. Innovative teaching methods are adopted by the faculty to improve classroom teaching. Computer aided teaching and internet facility issued by students for self-learning. Faculties also use sources like “National Program on Technology Enhanced Learning”(NPTEL),internet sources for effective teaching. Well structured Teaching plans are prepared for all theory and practical courses on a unit basis; these are scrutinized by Head of Department.

Department has laboratory equipped with LCD projector, Computer and internet facility.



E. Conduct of experiments (3)

Institute Marks

3.00

E. Conduct of experiments (3)

Practical planning is to be done neatly from start to end, as specified in Format D-2 by the individual faculty. Practical's are performed in a group of 4-5 students. Standard Laboratory manual are available for majority of courses. Laboratory manual has objectives, instructional strategy, performance procedure and evaluation strategies for successful completion of experiments and students carried out required number of experiments specified in curriculum. During conduct of practical, laboratory in-charge closely monitor students' involvement in guide the m for calculation, writing result and conclusion. Brainstorming questions are provided at the end of each experiment. Faculty interact to prepare write-up and conduct of experiments of the courses for which laboratory manuals are not provided by MSBTE, in line with MSBTE lab Manuals, so that COs of specified course is met. Fig 2.2.1 E1 and 2.2.1 E2 gives sample laboratory planning sheet and evidences of conduction of experiments in the laboratory.



F. Continuous Assessment in the laboratory (3)

Institute Marks

3.00

F. Continuous Assessment in the laboratory (3)

Course teacher assesses the performance of students after completion of the experiments as prescribed by MSBTE assessment norms as given in the ir manuals. For I Scheme the student's performance is assessed on

following points: Due credits are given to the students for attendance, timely submission, neatness, and active participation of students in performing experiment. Students are asked questions while assessing, to check understanding of experiments. Record of continuous assessment is maintained in students' record and with course teacher in pro-forma D3.

XX Assessment Scheme

Performance Indicators		Weightage
Process Related (10 Marks)		(40%)
1	Measuring required parameters.	20%
2	Calculating Stefan Boltzmann constant.	20%
Product Related (15 Marks)		(60%)
3	Interpretation of result	20%
4	Conclusions	20%
5	Practical related questions	20%
Total (25 Marks)		100 %

F1: Specifications of Lab Assessment

Fig 2.2.1

Sample pro-forma D3 (I Scheme) is shown in picture.2.2.1F1.

Academic Year :- 2023-24
Course :- Maintenance of Electrical Equipment
Semester :- VIth

Batch - T1

Program :- Electrical Engg.
Course Code :- 23625
Name of Faculty :- Mr. Salunkhe S.H.

Roll No.	Enrolment No.	Exam. Seat No.	Name of student	Experiment / Job / Assignment / Sheet / Activity of Project (Marks out of 25 per experiment)										Total Marks out of (25x10 No. Of Expt) (250)	PA Marks of Practical Converted According to T.E. Scheme (Max. Marks 25)
1	2	3	4	5										6	7
				1	2	3	4	5	6	7	8	9	10		
3501	2109940021	234021	KANGUDE RAVI HARIDAS	22	22	22	22	23	23	23	24	24	24	229	23
3502	2109940022	234022	DAUNDE RIYA RAMESH	21	21	21	22	22	22	23	23	24	24	223	22
3503	2109940023	234023	UGALE SUSHIL SUDHAKAR	20	20	20	20	21	21	21	21	22	22	208	21
3504	2109940024	234024	GHADAGE JAGADISH VIJAY	21	22	22	22	23	23	23	24	24	24	228	23
3505	2109940031	234026	RUPNAWAR RAMCHANDRA VIJAY	19	19	19	19	19	19	20	20	20	20	194	19
3506	2109940042	234029	JADHAV ATUL NAVNATH	19	20	20	20	20	20	21	21	22	22	205	21
3507	2109940044	234031	MUJAWAR IMRAN SHAHAJAHAN	19	19	19	19	19	19	20	20	20	20	194	19
3508	2109940054	234032	NALAWADE DNYANESHWAR	21	21	21	22	22	22	23	23	24	24	223	22
3509	2209940476	234051	GAIKWAD PRATHMESH RAJU	19	19	19	19	19	20	20	20	20	20	195	20
3510	2209940477	234052	JADHAV SAMARTH SUNIL	22	22	22	22	23	23	23	24	24	24	229	23
3511	2209940478	234053	MASKE ADESH BAJARANG	18	18	19	19	19	20	20	20	21	21	195	20
3512	2209940479	234054	SURVASE CHAITANYA NAVNATH	18	18	19	19	19	20	20	20	21	21	195	20
3513	2209940483	234055	PETKAR SAHIL SANTOSH	19	19	19	19	19	20	20	20	21	21	197	20
3514	2209940487	234056	KAMBALE RAJESH ASHOKRAO	18	18	19	19	19	20	20	20	21	21	195	20
3515	2209940489	234057	MASAL PRADIP HANMANT	18	19	19	19	19	20	20	20	21	21	196	20
3516	2209940490	234058	RANDIVE YASH SUDHIR	21	21	21	22	22	22	23	23	24	24	223	22
3517	2209940492	234059	YADAV NILISH NITIN	19	20	20	20	20	20	21	21	22	22	205	21
3518	2209940493	234060	KHARAT KESHAV DATTU	21	21	22	22	22	22	23	23	24	24	224	22
3519	2209940499	234061	CHAVAN PIYUSH VIJAY	20	20	20	20	20	21	21	21	22	22	207	21
3520	2209940500	234062	GOPHANE NAVANATH DNYANDEV	19	20	20	20	20	20	21	21	22	22	205	21
3521	2209940501	234063	YAMAGAR SAURABH BALASAHEB	21	21	22	22	22	23	23	24	24	24	226	23

Name Of Staff and Sign
Mr. Salunkhe S.H.

Name of HOD and Sign
H.O.D.
Dept. Of Electrical Engg.
S.J.E.T. Pariv.

Academic Year :- 2023-24
 Course :- Maintenance of Electrical Equipment
 Semester :- Vth

Batch - T2

Program :- Electrical Engg.
 Course Code :- 22625
 Name of Faculty :- Mr. Salunkhe S. H.

Roll No.	Enrolment No.	Exam. Seat No.	Name of student	Experiment / Job / Assignment / Sheet / Activity of Project (Marks out of per experiment)										Total Marks out of (25 x 10 No. Of Expt) (250)	PA Marks of Practical Converted According to T.E. Scheme (Max. Marks- 25)	
				1	2	3	4	5	6	7	8	9	10			
3522	2209940505	234064	MAGAR ADITYA SANTOSH	21	21	22	22	22	22	23	23	24	24	24	224	22
3523	2209940506	234065	SHINDE AMOL PARMESHWAR	21	21	22	22	22	23	23	24	24	24	226	23	
3524	2209940507	234066	DHEMBARE SANTOSH APPA	21	21	22	22	23	23	23	24	24	24	227	23	
3525	2209940511	234067	SAWANT KANCHAN MAHESH	21	21	22	22	22	22	23	23	24	24	224	22	
3526	2209940514	234068	JADHAV BABA SAVALA	20	20	20	20	21	21	21	21	22	22	208	21	
3527	2209940534	234069	SHINDE SANTOSH SAVATA	19	20	20	20	21	21	21	21	22	22	207	21	
3528	2109940025	234025	GAIKWAD OM SANJAY	21	21	21	21	22	22	23	23	24	24	222	22	
3529	2109940034	234027	DADAS HANUMANT SARJERAO	20	20	20	20	20	21	21	21	22	22	207	21	
3530	2109940036	234028	DALVI ANIKET SANJAY	19	20	20	20	20	20	21	21	22	22	205	21	
3531	2109940043	234030	SHEGAR NARENDRA SHAMRAO	19	19	19	19	19	19	20	20	20	20	194	19	

Name Of Staff and Sign
 Mr. Salunkhe S. H.

Name of HOD and Sign
 H.O.D.
 Dept. Of Electrical Engg.
 S.J.E.T. Paniv

Sample pro-forma K3 (K Scheme) is shown in picture.2.2.1F2.

Institute Code :0994
Academic Year:2023-24
Programme :Electrical Engg.

Semester-II
Course: Fundamental of Electrical Engg.
Maximum Marks: 25

Exam: Summer-2024
Course Code: 242310
Minimum Marks: 10

Programme :Electrical Engg.				Maximum Marks: 25																				Total Marks out of (52.5)		FA Marks of Practical Converted According to L.A. Scheme (Max. 10)		Signature of Student
Roll No.	Enrollment No.	Exam. Seat No.	Name of student	Experiment / Practical / Tutorial (Marks out of 25 per experiment)																				6	7	8		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				21	
1	2	3	4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1501	23212330221	234114	BIHANGE VISHAL VINOD	19	19	19	19	19	19	19	19	20	20	20	20	21	21	21	22	22	22	22	23	23	23	429	20	George
1502	23212330222	234115	GEJAGE ASHLESHA ASHOK	21	21	21	21	22	22	22	22	22	22	22	22	23	23	23	23	24	24	24	24	24	470	22	A. D. Gejage	
1503	23212330223	234116	TAMBOLI ASHRAF SAMIR	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	421	20	Asambali	
1504	23212330224	234117	SURYAVANSHI SHAURYA SATISH	9	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	12	12	13	13	227	11	Sh	
1505	23212330225	234118	MORE ANIKET HANUMANT	9	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	12	12	13	13	227	11	A. More	
1506	23212330226	234119	KODAG GAURAV DHANAJI	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	Kodag.	
1507	23212330227	234120	GURAV GANESH VIJAY	20	20	20	20	20	21	21	21	21	21	21	22	22	22	22	23	23	23	23	23	23	421	20	G.V. Gurav	
1508	23212330228	234121	TORANE AMRUTA SATISH	20	20	20	20	20	21	21	21	21	21	21	22	22	22	22	22	23	23	23	23	23	452	22	A. S. Torane	
Summer-24 Exam Form not filled																												
1509	23212330229		RITE JIVAN MOHAN	20	20	20	21	21	21	21	21	21	21	21	22	22	22	22	22	23	23	23	23	23	454	22	Code for	
1510	23212330230	234122	DETHE NIKITA SATYAWAN	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	20	20	21	21	21	21	411	20	A. S. Honmane	
1511	23212330231	234123	HONMANE AADESH SATISH	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	414	20	A. Honmane	
1512	23212330232	234124	GAIKWAD AJINKYA MACHINDRA	18	18	18	19	19	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	A. G. K.	
1513	23212330233	234125	SHINDE RAJWARDHAN SANGRAMSINH	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	407	19	S. A. M.	
1514	23212330234	234126	SHINDE AKASH MOHAN	18	18	18	18	18	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	Shinde	
1515	23212330235	234127	SHINDE SANDIP ARUN	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	Shinde	
1516	23212330236	234128	LONDHE KIRAN SANJAY	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	429	20	Londhe	
1517	23212330237	234129	CHAVAN KARAN MAHAVEER	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	407	19	Chavan	
1518	23212330238	234130	BHOSALE SUMIT RAJU	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	Bhosale	
1519	23212330239	234131	GAIKWAD GANESH VITTHAL	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	G. V. Gaikwad	
1520	23212330240	234132	YAJGAR SURYAKANT SANTOSH	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	421	20	Yajgar	

Name & Signature of Faculty

Mr. S. S. Patil S.H.

General Science Dept.
S.I.E.T. (Poly) Paniv
Tal. M. ... Dist. Solapur-413113

Science & Humanities Department
FORMATIVE ASSESSMENT OF PRACTICAL (FA-PR)

Institute Code :0994
Academic Year:2023-24
Programme :Electrical Engg.

Semester-II
Course: Fundamental of Electric Engg.
Maximum Marks: 25

Exam: Summer-2024
Course Code: 31210
Minimum Marks: 10

Roll No.	Enrollment No.	Exam. Seat No.	Name of student	Experiment / Practical / Tutorial (Marks out of 25 per experiment)																				Total Marks out of 25 No. of Expt. (52.5)	FA Marks of Practical Converted According to L.A. Scheme (Max)	Signature of Student			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				21	22	23
1521	23212330241	234133	BANSODE AJIT NAVNATH	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	407	19	Am. Patel
1522	23212330242	234134	SARVAGOD ANJALI PADMAKAR	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	421	20	23/11/23
1523	23212330243	234135	JADHAV AVINASH HANMANT	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	420	20	Am. Patel	
1524	23212330244	234136	DALVI MANISH MARIBA	18	18	18	19	19	19	19	19	20	20	20	20	21	21	21	21	21	21	21	21	21	21	439	21	Am. Patel	
1525	23212330245	234137	PARSE ASHISH ANKUSH	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	411	20	Am. Patel	
1526	23212330246	234138	RAUT PRANAV DNYANESHWAR	18	18	18	18	18	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	21				
1527	23212330247		DHAGE SHAHU SANTOSH	Summer-24 Exam Form not filled																									
1528	23212330248		BANSODE RANJIT MAHAVEER	Summer-24 Exam Form not filled																									
1529	23212330249	234139	KHANDAGALE NAMDEV SHARAD	9	9	9	9	9	10	10	10	10	10	11	11	11	11	12	12	12	12	12	12	13	13	227	11	Am. Patel	
1530	23212330250	234140	GALANDE SHUBHAM SURESH	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	407	19	Am. Patel	
1531	23212330251	234141	NILATE ANIRUDDHA BALBHIM	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	407	19	Am. Patel	
1532	23212330252	234142	KARPE SANSKAR VIJAYKUMAR	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	21	21	21	21	21	21	421	20	Am. Patel	
1533	23212330253	234143	SONAWALE ABHIJEET SHANKAR	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	439	21	Am. Patel	
1534	23212330254	234144	KADAM AVINASH SATISH	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	410	20	Am. Patel	
1535	23212330255	234145	KOLEKAR OM PRAVINKUMAR	18	18	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	433	21	Am. Patel	
1536	23212330256	234146	KAZI RIZWAN TAHER	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	266	13	Am. Patel	
1537	23212330257	234147	TAMBOLI SAJID AARIF	11	11	11	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	14	439	21	Am. Patel	
1538	23212330258	234148	JADHAV AKSHAY BALASO	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	410	20	Am. Patel	
1539	23212330259	234149	WAWARE KISHOR KISAN	18	18	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	446	21	Am. Patel	
1540	23212330260	234150	RAKHUNDE SANKET VIJAY	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21				

HOD
General Science Dept.
I.E.T. (Poly) Paniv
Tals. Dist. Solapur-413113

Name & Signature of Faculty
Mr. Sanket S.M.

Science & Humanities Department
FORMATIVE ASSESSMENT OF PRACTICAL (FA-PR)

Institute Code : 0994
Academic Year: 2023-24
Programme : Electrical Engg.

Semester-II
Course: Fundamental of Electrical Engg.
Maximum Marks: 25

Exam: Summer-2024
Course Code: 31310
Minimum Marks: 0

Roll No.	Enrollment No.	Exam Seat No.	Name of student	Experiment / Practical / Tutorial (Marks out of 25 per experiment)																				Total Marks out of 25 (Expts. Of Expts) (515)	FA Marks of Practical Converted According to L.A. Scheme (515)	Signature of Student			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				21	22	23
1541	23212330261	234151	MULLA AMAN JAKIR	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	421	20	<i>[Signature]</i>
1542	23212330262		THAKUR ADESH KALLU	Summer-24 Exam Form not filled																									
1543	23212330263	234152	GAIKWAD SUSHANT CHANDRAKANT	9	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	12	13	13		227	11	<i>[Signature]</i>		
1544	23212330264		SARTAPE SAURABH SURESH	Summer-24 Exam Form not filled																									
1545	23212330265	234153	CHAVAN PRATHAMESH POPAT	18	18	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	410	20	<i>[Signature]</i>
1546	23212330266	234154	MADANE PRUTHVIRAJ MOHAN	19	19	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	22	22	22	22	22	433	21	<i>[Signature]</i>	
1547	23212330267	234155	REVANDE YASHRAJ SATISH	18	18	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	410	20	<i>[Signature]</i>	
1548	23212330268	234156	DEVKATE KAVITA SURESH	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	439	21	<i>[Signature]</i>	
1549	23212330269	234157	BHANGE OMRAJ KIRAN	18	18	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	410	20	<i>[Signature]</i>	
1550	23212330270	234158	CHAVAN SHIVRAJ SURESH	20	20	20	20	20	20	20	21	21	21	21	21	21	22	22	22	22	23	23	23	23	23	446	21	<i>[Signature]</i>	
1551	23212330271	234159	GAIKWAD RUTURAJ ARJUN	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	407	19	<i>[Signature]</i>	
1552	23212330272		JAVALAGE VISHNU APPA	Summer-24 Exam Form not filled																									
1553	23212330273	234160	BHISE DATTATRAY BHANUDAS	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	421	20	<i>[Signature]</i>	
1554	23212330274	234161	KHARAT SURAJ AN	18	18	18	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	22	22	22	22	22	420	20	<i>[Signature]</i>
1555	23212330275	234162	PALVE TUSHAR RAJENDRAKUMAR	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	439	21	<i>[Signature]</i>	
1556	23212330276	234163	KALE PRASHANT LAXMAN	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	411	20	<i>[Signature]</i>	
1557	23212330277	234164	UGHADE ARJUN RAVINDRA	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	439	21	<i>[Signature]</i>	
1558	23212330278	234165	KHARAT DHIRAJ BALU	18	18	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	410	20	<i>[Signature]</i>	
1559	23212330279	234166	PAWAR VISHAL DNYANESHWAR	20	20	20	20	20	20	20	21	21	21	21	21	21	22	22	22	22	23	23	23	23	23	446	21	<i>[Signature]</i>	

Name & Signature of Faculty
[Signature]
T.Y. Solankar S.M.

Name & Signature of HOD
HOD
General Science Dept.
S.I.E.T. (Poly) Paniv
Tal. Mahaniras, Dist. Solapur-413113

G. Student feedback of teaching learning process and action taken (6)

Institute Marks

6.00

G. Student feedback of teaching learning process and action taken (6)

At the end of the second class test, the students are asked to submit a filled feedback-form relating to the course teacher. For I scheme Common feedback form (D14) is designed by the MSBTE for all the programs by considering all the dimensions of the teaching-learning process such as, student interactions, clearance of doubts, communication, pace of coverage, subject knowledge, punctuality, etc. The data will be analyzed in the scale of 1 to 5. The Format of the feedback form is as shown:

D-14

For AICTE Diploma Courses

wef - 2017-18

Maharashtra State Board of Technical Education**STUDENTS FEED BACK****(Head of the Department shall take the Feed Back at the End of Second Class Test)**

Academic Year:

Program:

Semester:

Date:

Sr. No	Name of Course (TH / PR)	Name of Faculty	Each Parameter to be Assessed on the Scale of 1 to 5 (1 – Lowest & 5 – Highest)					Total (Max 25)
			Punctuality & Discipline	Domain Knowledge	Presentation Skill & Interaction with Students	Ability to Resolve Difficulties	Effective Use of Teaching Aids	
1								
2								
3								
4								
5								

(Name & Signature of HOD)**Fig2.2.1G1:Format of Student Feedback Form**

This is helpful for improve the quality of the teaching –learning process. After receiving the feedbacks meeting of teachers is conducted by HOD. Course teachers who have received low scores and negative comments, if any, in the feedback, are guided for further improvement. Teachers are motivated to improve their skills and abilities by deputing them for training / orientation programs conducted by NITTTR, Bhopal, MSBTE, Mumbai, DTE Mumbai to improve the efficiency of teaching-learning process. The analysis of feedback is as shown below:

Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Santha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Electrical Engg. Department
Student Feedback



Academic Year :- 2023-24

Program :-Electrical

Semester :-IIIrd

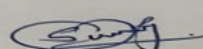
Date :- 9/11/2023

Sr. No.	Name of Course (TH / PR)	Name Of Faculty	Each Parameter to be Assessed on the Scale of 1 to 5 (1 - Lowest & 5 - Highest)					Total (Max. 25)
			Punctuality & Discipline	Domain Knowledge	Presentation Skill & Interaction with Students	Ability to Resolve Difficulties	Effective Use of Teaching Aids	
1	Electrical Circuits	Mr.Salunkhe S.H	5	4	4	5	3	21
2	Electrical & Electronic Measurements	Mr.Chougule S.G.	5	5	4	5	4	23
3	Fundamentals of Power Electronic	Ms.Salunke S.A.	5	5	4	4	5	23
4	Electrical Power Generation	Mr.Patil S.B	5	5	4	3	4	21
5	Electrical Materials & Wiring Practice	Ms.Chavan P.S	5	5	4	5	3	22

H.O.D.
Dept. Of Electrical Engg.
 Name & Signature of HOD
 S.I.E.T. Paniv
 D-14

Maharashtra State Board Of Technical Education, Mumbai Shriram Shikshan Sanstha's Shriram Institute of Engineering & Technology (Poly.), Paniv (0994) Electrical Engg. Department Students Feedback Analysis								
Academic Year :- 2023-24					Course & Code :- EE3I			
Sr. No.	Name of Faculty	Name of Subject	Class	Punctuality & Discipline	Domain Knowledge	Presentation Skill & Interaction	Difficulty Solving Ability	Use Of Teaching Aids
1	Mr.Salunkhe S.H.	ECI	S.Y	94%	90.33%	92.33%	89.33%	91.96%
2	Mr.Chougule S.G	EEM	S.Y	95.66%	89%	90%	90.33%	90%
3	Ms. Salunke S.A.	FPE	S.Y	95.33%	92%	93%	92.63%	93%
4	Mr. Patil S.B.	EPG	S.Y	92.66%	90.33%	91.33%	90%	92%
5	Ms. Chavan P.S	EMW	S.Y	90%	89.33%	91.66%	88.33%	92.66%

Academic Year :- 2023-24					Course & Code :- EE5I			
Sr. No.	Name of Faculty	Name of Subject	Class	Punctuality & Discipline	Domain Knowledge	Presentation Skill & Interaction	Difficulty Solving Ability	Use Of Teaching Aids
1	Ms.Chavan P.S	MAN	T.Y	92.50%	90.50%	90.00%	90.00%	94.50%
2	Mr.Salunkhe S.H.	IAM	T.Y	92.50%	92.00%	92.00%	89.00%	92.50%
3	Mr. Patil S.B.	SAP	T.Y	95.00%	90.00%	90.00%	90.00%	91.00%
4	Mr. Lawand A. S.	ECA	T.Y	94.00%	91.00%	91.00%	89.00%	92.00%
5	Mr.Chougule S.G	IEB	T.Y	95.00%	93.50%	95.00%	92.50%	90.00%
6	Mr. Lawand A. S.	EDE	T.Y	93.50%	90.50%	91.50%	89.90%	92.50%
7	Mr.Chougule S.G	ITR	T.Y	91.00%	92.00%	90.00%	92.00%	93.00%
8	Ms. Salunke S.A.	CPP	T.Y	94.00%	94.00%	93.00%	91.00%	94.00%


 Academic Coordinator


 Name & Signature Of HOD
H.O.D.
 Dept. Of Electrical Engg.
 S.I.E.T. Paniv

Fig2.2.1G2: Course feedback of student

2.2.2 Initiatives to improve the quality of semester tests and assignments (15)

Institute Marks

10.00

A. Process for Internal semester question paper setting and evaluation and effective process implementation (5)

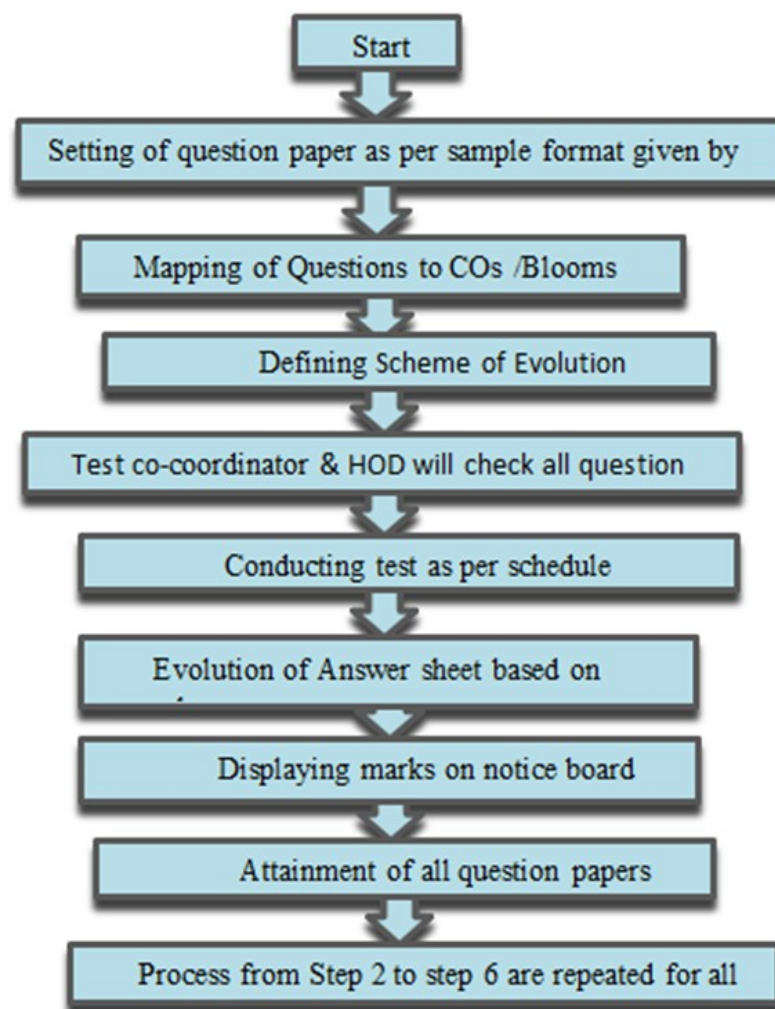
Institute Marks

5.00

1. Process for internal semester question paper setting and evaluation and effective process implementation (5)

Internal exams questions are aligned with bloom's taxonomy and the questions are set as per the CO's.

- There are normally five to six units in each course.
- Each unit is mapped to one CO.
- In a semester, there are two internal class tests for each course.
- Each class test is based on a 2-3 units (Up to 50% Syllabus).
- Questions in the tests are mapped against COs of respective course.
- Against each question, its relevant CO and Blooms taxonomy level is indicated.
- Question paper set by the course in charge & it is moderated by senior faculty or HOD.



- **Process for Internal semester question paper setting :-**

Roll No.

315333



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI
 Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv.
 Instt. Code: 0994
(2025-2026)
CLASS TEST-I

Program: - Electrical Engineering

Semester:- Vth

Course Code: 315333

Course Name: -AC Machine Performance(ACM)

Date: - 15/08/2025

Time: - 10:00AM to 11:30 AM

Max. Marks: - 30

Note: - 1. All questions are compulsory
 2. Figures to the right indicate full marks.
 3. Assume suitable data if Necessary.

CO No.	CO STATEMENT	CO's	Blooms Level
1.	Test the performance of three phase induction motor.	(CO1)	(BL5)
2.	Control the speed of three phase induction motor using appropriate technique(s).	(CO2)	(BL3)
3.	Use single phase induction motor for industrial applications.	(CO3)	(BL3)

Q. 1	Solve Any THREE (5 X 2= 10 Marks)	CO No.	Bloom's Level
1.	Classify types of three phase induction motor	CO1	BL3
2.	Give the function of following parts in Induction motor.i) Stator (ii) Sliprings	CO1	BL2
3.	Write the torque equation of three phase induction motor.	CO1	BL1
4.	List any four applications of single phase Induction motor.	CO3	BL1
5.	Classify the various types of single phase induction motor	CO3	BL3
6.	Compare slip ring and squirrel Induction motor.	CO1	BL2
7.	Write the control method of Three Phase Induction Motor.	CO2	BL1

Q. 2	Solve Any THREE (5 X 4= 20 Marks)	CO No.	Bloom's Level
1.	State why three phase induction motor never runs on synchronous speed	CO1	BL1
2.	Describe with neat sketch, the principle of operation of single phase shaded pole Induction Motor.	CO3	BL2
3.	Derive the condition for maximum torque under running condition of a 3 phase induction motor	CO1	BL3
4.	State the double field revolving theory of single phase Induction Motor.	CO3	BL1
5.	Draw the neat diagram & explain working of autotransformer starter for a 3 phase induction motor.	CO2	BL3
6.	Explain any one Speed Control method of three phase induction motor.	CO2	BL2
7.	The power input to a 500V 50Hz 6Pole 3z induction motor running at 975 rpm is 40 kW. The stator losses are 1kW and friction and windage losses are 2kW. Calculate : i) Slip (ii) Rotor copper loss (iii) Shaft power (iv) Efficiency	CO1	BL3

Paper**Evaluation:**

- **Model answer having solutions and marks distribution is prepared by the course in charge.**
- **Model answer is displayed for the information of students on the department's notice board.**
- **The faculty assesses the answer sheets as per the model answer and the marking scheme.**
- **Assessed answer sheets are shown to the students and appropriateness of the answers and expectancy is discussed.**
- **These marks are used in the CO attainment calculation of the course.**

Shriram Shikshan Sanstha's
Shriram Institute Of Engineering & Technology (Poly.), Paniv
 Tal. Malshiras, Dist. Solapur (413113)
 Instt. Code : 0994

Unit Test / Class Test No.: 01 Date: 15/09/2025
 Name of the Student: Palve Tushar Rajendrakumar
 Program: ME / EE / EI / EM Class: TY Roll No.: 3508
 Course Name: AC machines & Performance (Acm) Course Code: 315333
 Scheme: K Signature of Supervisor: [Signature]

Que No	a	b	c	d	e	f	h	Total
1	02	02	02	02	02			10
2	03	04	04	03	04			18
3								
4								
5								
Sign. of Staff	<u>Mr. Salunkhe S.H.</u>							Grand Total
Name of Staff	<u>[Signature]</u>							Out of
								28
								20

4 Page

Q1
 1) Three phase induction motor
 → Squirrel cage induction motor
 → Slipring induction motor

Q2
 2) i) stator
 stator frames supports the core, terminal box & protects the inner parts.

A sample answer sheet assessed by a faculty member is as shown:

Question paper setting taking into account outcomes / learning levels (5)

- Each unit has course outcomes which are mapped with unit outcomes.
- Based on each unit outcome question bank is prepared for each course.
- The question paper is designed as per decided Blooms taxonomy level for class test as prescribed in curriculum.
- While designing the question paper higher order assessment is kept in mind. The main focus of assessment is assessing the Remember (R), Understanding (U) and Application (A) levels of course outcomes. While setting the question paper, board recommendations about distribution of marks for questions on R, U and L levels are taken into account.
- **Sample specification table is as shown below:**

IX. SUGGESTED WEIGHTAGE TO LEARNING EFFORTS & ASSESSMENT PURPOSE (Specification Table)

Sr.No	Unit	Unit Title	Aligned COs	Learning Hours	R-Level	U-Level	A-Level	Total Marks
1	I	Three phase induction motors	CO1	19	2	6	12	20
2	II	Starting and speed control of three phase induction motors	CO2	5	2	4	4	10
3	III	Single phase induction motors	CO3	10	2	8	4	14
4	IV	Three phase synchronous machines	CO4	12	2	4	10	16
5	V	Special purpose machines	CO5	4	2	4	4	10
Grand Total				50	10	26	34	70

C. COs coverage in class test / mid-term tests and assignments (5)

Institute Marks

0.00

COs coverage in class test / mid-term tests and assignments (5)

In each class test approximately 50% COs are covered. A sample table of CO coverage is as below:

COURSE CODE: (315333)		COURSE NAME: AC Machine Performance				
SR. NO.	TITLE	CO 1	CO 2	CO 3	CO 4	CO 5
1	CLASS TEST 1	√	√	√		
2	CLASS TEST 2			√	√	√

Sr. No.	Class Tests	CO Coverage
1	Class test 1	Up to 50% Syllabus
2	Class test 2	Remaining Syllabus

COs coverage for Assignments: -

Assignments are given based on each unit of the course and covers the particular CO. Students are asked to solve the assignments and get them assessed by the concerned faculties. Following table shows course outcome coverage through the assignments.

COURSE CODE: (315333)		COURSENAME: AC Machine Performance				
SR. NO.	TITLE	CO 1	CO 2	CO 3	CO 4	CO 5
1	Assignment No.1	√				
2	Assignment No.2		√			
3	Assignment No.3			√		
4	Assignment No.4				√	
5	Assignment No.5					√

Sample of Assignment:-

Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv.

Course :-Electrical Engineering

Academic Year:-2025-2026

Assignment No1

Date:-19/09/2025

1. Classify types of three phase induction motor
2. Give the function of following parts in Induction motor .i) Stator (ii) Slip rings
3. Write the torque equation of three phase induction motor.
4. Compare slip ring and squirrel Induction motor.
5. State why three phase induction motor never runs on synchronous speed.
6. Derive the condition for maximum torque under running condition of a 3 phase induction motor.
7. The power input to a 500V 50Hz 6Pole 3z induction motor running at 975 rpm is 40 kW. The stator losses are 1kW and friction and windage losses are 2kW. Calculate : i) Slip (ii) Rotor copper loss (iii) Shaft power (iv) Efficiency
8. Prove that for a 3phase induction motor Rotor copper loss = S. Rotor input.
9. Draw block diagram showing power stages of 3 ϕ Induction motor.
10. A 400V, 50Hz slip ring type three phase induction motor is star connected and has per phase rotor resistance and standstill reactance of 0.5 and 1.5 ohm respectively. Calculate resistance to be added per phase to achieve maximum torque at starting

2.2.3 Quality of Experiments (15)

Institute Marks

15.00

A. Experimental methodologies (5)

Institute Marks

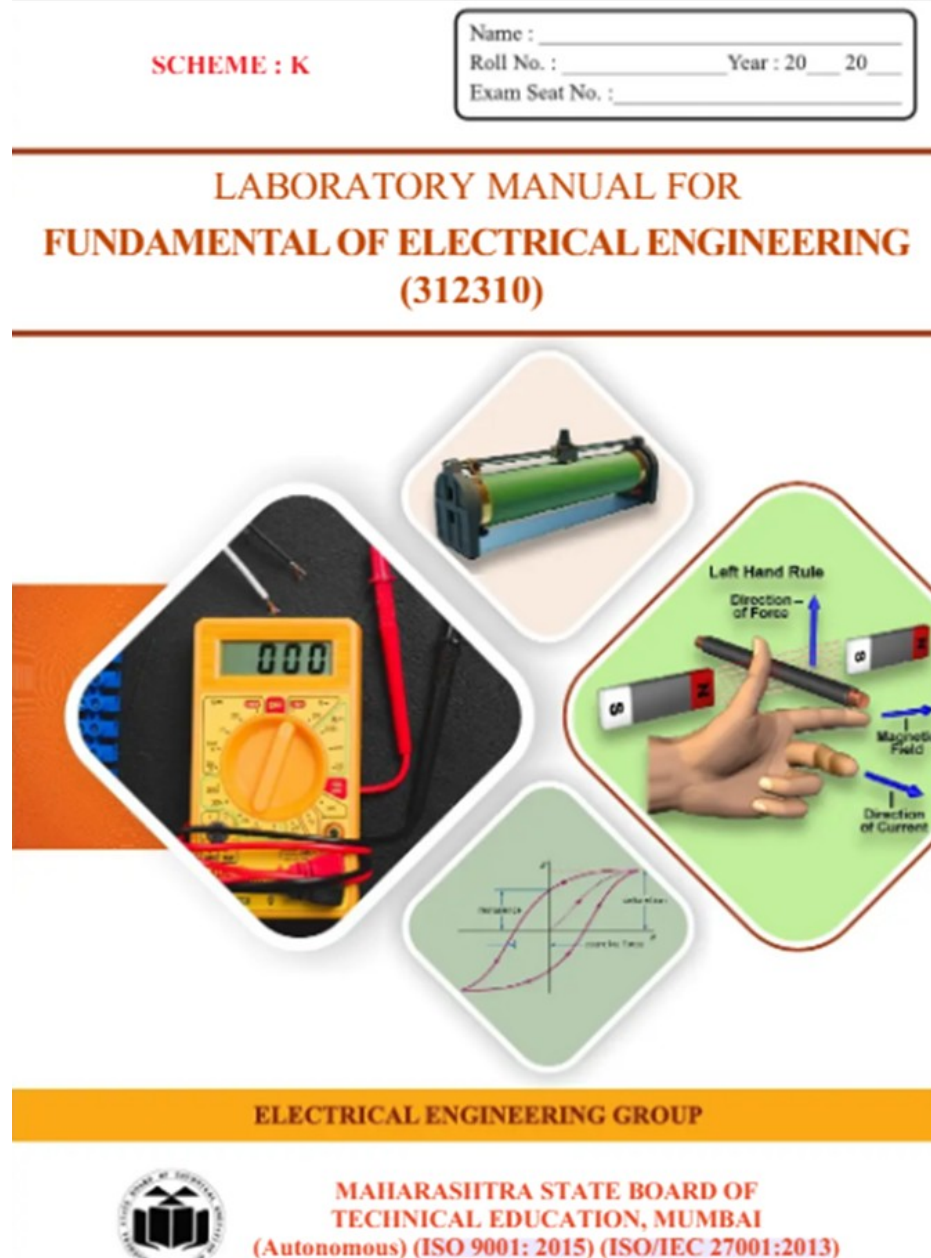
5.00

A. Experimental Methodologies (05)

Forms to the courses experiments are prescribed in the syllabus. Before performance prerequisites are explained and demonstrated. Experiments are conducted in a group of 5 to 6 students. Basically intellectual skills like testing / verification of properties, selection of proper range of instruments, interpretation of the test results and motor skills like drawing circuit diagrams, graphs, or phase diagrams, handling and operation of instruments, reading the instruments, step by step procedure for performance of test are developed through experimentations. Availability of standard Laboratory manual designed by MSBTE ensures attainment of

CO's.

Fig 2.2.3 A gives sample practical performances in laboratory, attendance sheet, laboratory manual, laboratory assessment sheet



B. Innovative experiments including industry attached practices, virtual labs (5)

Institute Marks

5.00

B.Innovative experiments including industry attached practices, virtual labs (05)

Welcome to the Electrical Engineering Laboratory. Laboratories are an important learning environment where students receive hands-on training and practical exposure.

In Electrical Engineering, the course-wise list of experiments is given in the curriculum and in the laboratory manual. A choice is provided to perform the stipulated number of experiments from the available list in the curriculum for courses where a laboratory manual is not available.

- Faculty members ensure that the machines, equipment, and consumables required for conducting the experiments are ready before the practical hours.
- The faculty member provides theoretical input, explains the objectives behind the experiment, and guides students about the method of recording observations and other relevant information.
- Students are asked to perform the actual experiment in groups or individually in the presence of the course teacher and record the observations required to draw conclusions or inferences.
- Students are guided to perform calculations as per the requirements of the experiment.
- Students are further instructed to write brainstorming questions at the end of the experiment in the manual. Necessary guidance for writing the answers is provided by the course teacher.
- The students write the experiment in the manual/journal along with calculations, results, and conclusions.
- Assessment of the experiment is carried out by the course teacher in the subsequent practical hours as per the procedures mentioned



Practical performed in the labs.

Electrical & Electronics measurement.	https://elms-iitr.vlabs.ac.in/
Fundamentals of power electronics.	https://pe-iitr.vlabs.ac.in/
Electrical Machines	https://ems-iitr.vlabs.ac.in/
Electric Circuits	https://ec-amrt.vlabs.ac.in/
Electrical material & wiring practice.	https://learnengg.com/demo/virtuallab/index.html

Table 2.2.3.1: Virtual Lab Links

This reference is used for the conduction of practical for courses such as Electrical & Electronics measurement, Electrical Circuits, Power Electronics, Electrical power generation Electrical Wiring. Students can remotely use

this reference to perform experiments for the above subjects. It is very convenient to conduct experiments online, especially during pandemic situations.

Simulation software related to electrical circuits, power Electronics, and Electrical & Electronics measurement is used during practical sessions. Various workshops are organized in the institute along with hands-on practice for subjects such as Electrical Wiring, Electrical Machines, Renewable Energy Systems, and recent technologies like Electric Vehicles and Smart Grid applications in the department.

Industry and field visits are also arranged to help students understand the practical applications of electrical engineering in areas such as power generation, transmission, distribution, industrial automation, and renewable energy plants. Demonstrations and exhibitions of projects completed by final-year students are organized in the department for first-year and second-year students to enhance their practical knowledge and motivation.

C. Relevance to outcomes (5)

Institute Marks

5.00

Relevance to outcomes(05)

All the experiments in the syllabus are relevant to the course outcomes. Hence, performing the experiments and their evaluation certainly target the attainment of COs. Almost all the practical-based courses have an assessment head called Term Work, in which marks are based on continuous assessment. Practical and oral examinations conducted during the term-end examinations also assess the specified course outcomes.

After the completion of the laboratory experiments, the students are able to:

1. Develop the ability to understand and solve key concepts discussed in the classroom.
2. Apply the knowledge of engineering practices, science, and mathematics to propose and implement effective engineering solutions.
3. Identify suitable hardware or software components to implement algorithms and procedures.
4. Work effectively in groups or as an individual member to complete assigned responsibilities while maintaining ethical standards with respect to global, environmental, economic, and social issues, and life-long learning.
5. Communicate effectively about laboratory work both orally and through written technical reports.
6. The above parameters indicate the relevance to Program Outcomes (POs) and Program Specific Outcomes (PSOs) addressed by the specific course. The practical course outcome matrix is also provided in the laboratory manual for every course in the new curriculum.

Sample List of Experiments with relevance to Course Outcomes:

S. No.	Practical Outcome	CO a.	CO b.	CO c.	CO d.	CO e.
1.	Identify measuring instruments on the basis of symbols on dial, type, accuracy, class position and scale.	√	-	-	-	-
2.	Identify the components of PMMC and MI instruments.	√	-	-	-	-
3.	Troubleshoot PMMC and MI instruments.	√	√	√	-	√
4.	Measure AC and DC quantities in a working circuit.	√	√	√	-	√
5.	Extend range of ammeter and voltmeter by using (i) shunt and multiplier (ii) CT and PT.	√	√	-	-	√
6.	Use Clamp-on meter for measurement of AC/DC current, AC/DC voltage.	√	√	-	-	√
7.	Use electro-dynamic watt-meter for measurement of power in a single phase circuit	√	-	√	-	√
8.	Use single wattmeter for measurement of active and reactive power of three phase balanced load.	√	-	√	-	√
9.	Troubleshoot electrodynamic watt-meter for measurement of power in a single phase circuit	√	-	√	-	√
10.	Use two watt-meters for measuring active power of three-phase balanced load.	√	-	√	-	√
11.	Calibrate single phase electronic energy meter by direct loading.	√	-	-	√	√
12.	Troubleshoot single phase electronic energy meter.	√	-	-	√	√
13.	Use digital multi-meter for measurement of AC/DC current, AC/DC voltage.	√	√	-	-	√
	Use Kelvin's double bridge for	√	-	-	-	√

14.	Use Kelvin method for measurement of low resistance.					
15.	Use voltmeter and ammeter method for measurement of medium resistance.	√	√	-	-	√
16.	Use Megger for insulation resistance measurements.	√	-	-	-	√

17.	Use earth tester for measurement of earth resistance.	√	-	-	-	√
18.	Use CRO for the Measurement of supply frequency in single-phase circuit.	√	-	-	-	√
19.	Use Tri-vector meter for measuring kW, kVAr and kVA of a power line.	√	-	-	-	√

Course Name: EE3I

MSBTE Course Code: EEM (22325)

2.2.4 Quality of Students Projects and Report Writing (35)

Institute Marks

35.00

A. Identification of projects and allocation methodology (3)

Institute Marks

3.00

A. Finalization of Capstone Project group members and search project topics (3)

Curriculum specifies the extent of coverage of the project including design, fabrication, rewinding, model preparation, application product, review, live Industry problems, Hardware/Software based, simulation, case studies etc. Following activities related to project are dealt with, during fifth and sixth semester as per below flow chart.

1. Formation project batches & allotment of project guide to each batch (4-6 students). In each batch

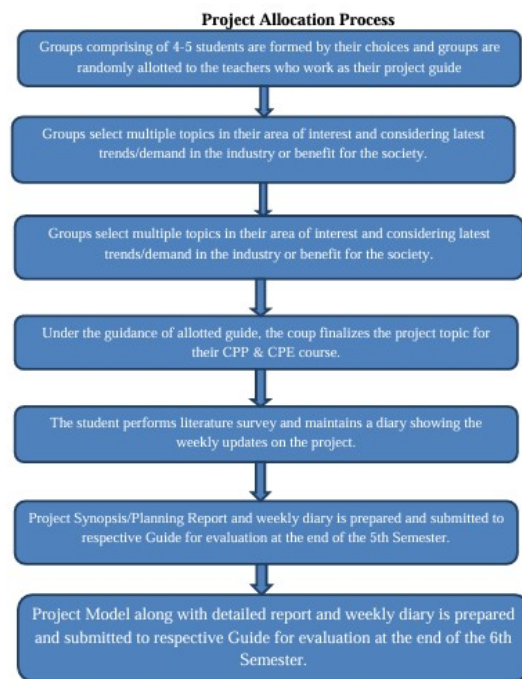


Fig.2.2.4.A Flow chart activities related to project

Academic Year 2023-24 Project Allocation List

Group No	Roll. No.	Name of Candidates	Project Title	Guide Name
1	3501	KANGUDE RAVI HARIDAS	Electrical Power theft Detection and Wireless meter reading	Ms.Mohite N.S
	3502	DAUNDE RIYA RAMESH		
	3504	GHADAGE JAGADISH VIJAY		
	3528	GAIKWAD OM SANJAY		
2	3524	DHEMBARE SANTOSH APPA	Automatic Sensor Car	Mr.Chougule S.G
	3510	JADHAV SAMARTH SUNIL		

3	3526	JADHAV BABA SAVALA		
	3527	SHINDE SANTOSH SAVATA		
	3509	GAIKWAD PRATHMESH RAJU		
4	3515	MASAL PRADIP HANMANT	Water Tank Overflow Electric Sensor System	Ms.Salunke S.A
	3517	YADAV NILISH NITIN		
	3519	CHAVAN PIYUSH VIJAY		
	3508	NALAWADE DNYANESHWAR SANTOSH		
	3516	RANDIVE YASH SUDHIR	Electricity Generation System from Wastage	Mr.Patil S.B
5	3518	KHARAT KESHAV DATTU		
	3521	YAMAGAR SAURABH BALASAHEB		
	3506	JADHAV ATUL NAVNATH		
	3507	MUJAWAR IMRAN SHAHAJAHAN	Automatic Hand Sanitizing Machine	Mr. Salunkhe S.H
	3513	PETKAR SAHIL SANTOSH		
6	3522	MAGAR ADITYA SANTOSH		
	3535	EKATPURE RAHUL RATAN		
	3536	SHINDE ANIKET RANJIT	Grass Cutter System	Mr.Patil S.B
	3537	PIMPALE SUJIT MAHADEV		
	3548	SULE RANJIT PRAKASH		
7	3503	UGALE SUSHIL SUDHAKAR	Automatic Fire fighting Robot	Mr.Lawand A.S
	3511	MASKE ADESH BAJARANG		

	3520	GOPHANE NAVANATH DNYANDEV		
	3523	SHINDE AMOL PARMESHWAR		
	3525	SAWANT KANCHAN MAHESH		
	3529	DADAS HANUMANT SARJERAO		
	3541	KARE SAURABH SAMPAT		
8	3549	KARE SACHIN DHANAJI	Wireless Car battery Charger system	Ms.Salunke S.A
	3538	KARE PANKAJ POPAT		
	3542	SHAIKH SHABAN ADAM		
	3540	DHEMBARE SIDDHESHWAR SHANKAR		
9	3534	SHAIKH USMAN TAYYAB	Priority based supply selection using Arduino	Ms.Chavan P.S
	3558	KAMBLE JAGDISH DHANAJI		
	3557	KAMBLE SAURABH KABIR		
	3554	KHATAKE PANKAJ DADASO		
	3555	PHUGE AKSHAY SURESH		
10	3532	GAIKWAD NILESH RAMDAS	Energy Meter Billing with Load Control System	Mr.Kale M.D
	3560	ZAGADE SURAJ DHARMVEER		
	3559	SATHE ANAND BHARAT		
11	3505	RUPNAWAR RAMCHANDRA VIJAY	Advanced EV charging station over IOT	Ms.Chavan P.S
	3512	SURVASE CHAITANYA NAVNATH		
	3514	KAMBALE RAJESH ASHOKRAO		

	3547	MANDAVE ROHIT SATISH			
	3550	LONDHE DHAMMASHIL SANJAY			
12	3551	JADHAV NILESH LAXMAN		Ms.Mohite N.S	
	3552	KARCHE PRASHANT SANTOSH			
	3545	NANAVARE RAM DADASO			
	3546	BHAGAT SHREYASH HANUMANT			
	3561	BORATE GANESH SHANKAR			
13	3562	JADHAV AJAY KISAN		Mr.Kale M.D	
	3563	DAMARE ANIKET NAGNATH			
	3564	PHULE ONKAR SATISH	Hybrid electric vehicle		
	3530	DALVI ANIKET SANJAY			
	3553	KAMBLE ANURAG SANJAY			
14	3556	HONAMANE GAURAV DATTATRAY		Mr.Lawand A.S	
	3531	SHEGAR NARENDRA SHAMRAO			
	3533	GORAD DEEPAK SHRIMANT			
	3543	PATOLE TUSHAR ASHOK			
15	3539	TORANE SUYOG BALASO	Anti-sleep alarm for drivers and vehicle control	Mr. Salunkhe S.H	
	3544	DEVKULE ONKAR BAPURAV			
Academic Year 2024-25 Project Allocation List					

Group No.	Roll No.	Name of Student	Project Name	Guide Name
1	3507	Fate Prasad Shankar	Automatic Identification Of Electricity Theft	Mr. Chogule S. G.
	3504	Borkar Amol Balaso		
	3502	Bhanvase Nikhil Sanjay		
2	3501	Bhagat Harshad.Balkurshna	Transmission Line Fault Detection Using Arduino	Mr. Lawand A. S.
	3516	Pawar Samarth Pandhurang		
	3508	Gavali Siddheshwar Santosh		
	3519	Waghmode Nikita Balaso		
3	3514	Mujawar Muskan Samir	Solar Powered Electric Vehicle Charging system	Mr. Patil S. B.
	3520	Kokate Vaishnavi Vasant		
4	3509	Ingawale Deshmukh Utkarsh Devidas	Industry Process automation using programmable switch	Ms. Salunkhe S. A.
	3518	Pandhare Anup Dattatray		
	3515	Patil Rohit Babasaheb		
5	3505	Chavan Samarth Mahesh	Home Automation by using Arduino Bluetooth Module	Mr. Salunkhe S. H.
	3503	Bidkar Madhura Samadhan		
	3510	Jadhav Nisargraj Kishor		
6	3556	Thavare Ganesh Tatya	Irrigation System running on Solar Power	Mr. Kale S. K.
	3532	Kadam Prasad Shahaji		
7	3545	Raut Saurabha Rajendra	Solar Powered vending machine	Ms. Gadhave A. S.

	3548	Thorat Sanket Dhanaji			
	3544	Rannavare Tushar Balaso			
	3521	Arjun Shivam Ashok			
8	3506	Dhere Nishant Navnath	Solar Tracking System	Mr. Salunkhe S. H.	
	3542	Munje Prashant Abaso			
	3535	Kumbhar Dnyaneshwar Shriram			
9	3546	Tarange Kaustubh Ramesh	Load Shedding time management with programmable Interface	Mr. Chogule S. G.	
	3547	Thavare Shankar Bhimrao			
	3522	Athawale Prasad Devanand			
10	3533	Kamble Shubham Yashwant	Fault detection in overhead lines	Mr. Patil S. B.	
	3511	Korbu Hajrat adil Karim			
	3530	Gorad Tatya Bramhadev			
11	3531	Jadhav Shubham Rajkumar	Automatic Power Factor Correction	Mr. Lawand A. S.	
	3553	Chavare Vishal Bapuso			
	3554	Ayare Shambhuraje Mahadev			
	3541	Mote Vikas Ashok			
12	3550	Waghmode Shivprasad Arjun	Power Meter Billing plus lead Control using GSM	Mr. Kale S. K.	
	3552	Yadav Viraj Milind			
13	3540	More Ashish Rajendra	Microprocessor Based underground fault Detection	Ms. Gadhave A. S.	
	3543	Parade Yashraje Damu			

	3539	Maske Yogesh Vishnu			
	3513	More Akash Hanumant			
	3537	Masal Tukaram Laxman			
14	3528	Gaikwad Avinash Deepak	Piezoelectric Sensor Based Footsteps Power Generation And Mobile Charging OR Load	Mr. Salunkhe S. H.	
	3512	Londhe Ritesh Ramesh			
	3517	Kokate Supriya Vasant			
	3527	Gade Kapil Sunil			
15	3524	Devkate Prabhu Ramchandra	IOT Based Home Automation System	Mr. Chogule S. G.	
	3567	Shinde Raviraj Duryodhan			
	3523	Chavan Shivtej Pintu			
16	3525	Dudhe Aniket Rajendra		Ms. Salunkhe S. A.	
	3526	Durape Raj Sunil			
	3529	Gorad Nanasaheb Apparao	Over Voltage Under Voltage Protection		
17	3534	Kothavale Shubham Anil		Mr. Kale S. K.	
	3536	Masal Omkar Suresh			
	3538	Mashal Mahesh Dattatray			
18	3549	Torave Milind Appaso	Solar Grass Cutter Using Micro-Controller	Mr. Kale M. D.	
	3551	Waghmode Vishal Aaba			
19	3555	Survase Vaibhav Hanumant	Automatic Solar Panel Cleaning By Sensing Solar Voltage And Light Luminance	Mr. Patil S. B.	
	3557	Doltade Vishal Anil			

20	3558	Thorat Shubham Pandurang			
	3559	Pote Suyash Sanjay			
	3560	Shinde Dinesh Balu			Mr. Kale M. D.
	3561	Lavate Sumit Dattatray			
	3565	Sayyad Mubin Abdulrahim			
21	3562	Pise Pankaj Prakash			
	3563	Gophane Om Sitaram			
	3564	Satpute Rohan Chandrakant		Hybrid inverter using solar battery charger	Mr. Kale M. D.
	3566	Sayyad Sohel Ayub			
Academic Year 2025-26 Project Allocation List					
Roll No.	Name of Student	Group No.	Name of Guide and Sign	Project title	
3523	Avatade Jay Pramod				
3513	Pore Arjun Somnath	1	Mr.Magar N.K	Footstep power generation	
3503	Gurav Ganesh Vijay				
3510	Khot Ganesh Kuber				
3508	Palve Tushar Rajendrakumar	2	Mr.Chougule S.G	Dual Axis Solar Tracking System using Arduino	
3507	Rakhunde Sanket Vijay				
3512	Randive Pritam Siddharth				
3521	Dhope Om Vaijjanath				

3506	Galande Shubham Suresh				
3515	Nanavre Sarthak Navnath	3	Mr. Salunkhe S.H	Flexible LED Display Board With App And Remote Control	
3514	Pathan Riham Javed				
3520	Lawand Sanket Shivaji				
3502	Gejage Ashlesha Ashok				
3505	Dethe Nikita Satyawar	4	Ms.Satav P.S	Smart Hybrid Energy Management System Using Arduino control For energy saving	
3504	Torane Amruta Satish				
3519	Koli Navnath Vinod				
3511	Tamtame Namrata Bhairavnath				
3516	Markad Sonali Nanaso	5	Ms.Gadhav A.S	Solar Grass Cutter	
3517	Mane Sneha Uddhav				
3522	Bhandare Vishwanath Nagnath				
3501	Bhange Vishal Vinod				
3509	Kharat Dhiraj Balu	6	Mr.Lawand A.S	Solar powered LED street light with auto intensity	
3518	Mandale Sanjay Ankush				

B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs (5)

Institute Marks

5.00

B Types and Relevance of projects and their contribution towards attainment of POs and PSOs (5 Marks)

Students develop ability to Work in Groups, effectively plan and Coordinate the work, develop leadership qualities, enhance technical Skills by hands on experience, demonstrate to society, access the impact of use of technology on environment and develop interest to become an entrepreneur, hence there is high level of resemblance with All POs and PSOs

List of project and POs/PSOs for AY – 2023- 24

Sr.	No	Project Title	Types of Project	Relevance to POs & PSOs
1		Electrical Power theft Detection and Wireless meter reading	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
2		Automatic Sensor Car	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
3		Water Tank Overflow Electric Sensor System	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
4		Electricity Generation System from Wastage	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
5		Automatic Hand Sanitizing Machine	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
6		Grass Cutter System	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
7		Automatic Fire fighting Robot	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
8		Wireless Car battery Charger system	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
9		Priority based supply selection using Arduino	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
10		Energy Meter Billing with Load Control System	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
11		Advanced EV charging station over IOT	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
12		Hybrid electric vehicle	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
13		Anti-sleep alarm for drivers and vehicle control	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3

List of project and POs/PSOs for AY – 2024- 25

S. No.	Project Title	Types of Project	Relevance to POs & PSOs
1	Automatic Identification Of Electricity Theft	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
2	Transmission Line Fault Detection	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
3	Solar Powered Electric Vehicle Charging system	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
4	Industry Process automation using programmable switch	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
5	Automatic Street Light Control System	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
6	Irrigation System running on Solar Power	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
7	Solar Powered vending machine	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
8	Solar Tracking System	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
9	Load Shedding time management with programmable Interface	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
10	Fault detection in overhead lines	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
11	Automatic Power Factor Correction	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
12	Power Meter Billing plus load Control using GSM	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
13	Microprocessor Based underground fault Detection	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
14	Piezoelectric Sensor Based Footsteps Power Generation And Mobile Charging OR LoadApplication		PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3

15	Over Voltage Under Voltage Protection	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
16	Solar Grass Cutter Using Micro-Controller	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
17	Automatic Solar Panel Cleaning By Sensing Solar Voltage And Light Luminance	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
18	Hybrid inverter using solar battery charger	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
List of project and POs/PSOs for AY – 2025- 26			
S. No.	Project Title	Types of Project	Relevance to POs & PSOs
1	Piezoelectric sensor based footstep power generation.	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
2	Dual Axis Solar Tracking System using Arduino	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
3	Flexible LED Display Board With App And Remote Control	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
4	Smart Hybrid Energy Management System Using Arduino control For energy saving	Application	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
5	Solar Grass Cutter	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3
6	Solar powered LED street light with auto intensity	Sponsored	PO1,PO2,PO3,PO3,PO4,PO5,PO6,PO7 & PSO1, PSO2,PSO3

C. Process for monitoring and evaluation (5)

Institute Marks

5.00

C. Process for monitoring and evaluation (5)

1. At the end of 5th semester, each project batch submits the action plan and abstract of the project along with list of materials required, if project involves fabrication or other facilities required for different kinds of projects.
2. Each group member is asked to write assignments on the action plan prepared for the project during fifth semester and respective guided to the continuous assessment as curtaining contribution of individual in

fulfilling the task during practical hours allocated.

3. Procurement of materials, assembling, testing, interpretation of results, report writing including costing and benefits to society is done in sixth semester. Format of report is specified in the syllabus.

4. Evaluation is based on continuous assessment at each step of project starting from finalization of project, related literature survey, procurement of material, testing of components, assembly components, connections if any, performance, observations, results, their interpretation and analysis.

5. Faculties encourage students to participate in project exhibitions, which are aimed to provide common platform to exhibit their innovations and work towards excellence in latest technology. Evaluation Sheet for Fifth and Sixth Semester is given below:

13.1 End-Semester-Examination (ESE) Assessment Criteria.

Allocation Criteria of the 25 marks are for the end-semester-examination (ESE)

S. No.	Description	Marks
1	Problem Identification/Project Title (innovation /utility of the project for industry/ user/academia) marks to be also given based on (i) accuracy or specificity of the scope and (ii) appropriateness of the work with reference to desired course outcomes.	02
2	Industrial Survey and Literature Review (marks to be given based on extent/volume and quality of the survey of industry / society / institutes/literature/internet for problem identification and possible solutions)	02
3	Project Proposal: Marks to be given also based on appropriateness, flexibility, detail and clarity in methods/planning. (In case of working models, detailed design and planning of fabrication/assembly of the prototype has to be also assessed). This proposal should include whole project including work to be done in sixth semester.	02
4	Execution of Plan in fifth semester (Since project is to be fully completed in sixth semester, the part of the project which is planned to be completed in fifth semester is only to be evaluated: marks to be also given based on ability to collect relevant information, ability to follow correct procedure, manipulative skills, ability to observe, record & interpret, ingenuity in the use of material and equipment, target achievement) In case of working models, quality of workman ship (including accuracy in dimensions, shape, tolerance limits), appropriateness of raw materials/components/ technology being used, functioning of the prototype, cost effectiveness, marketability, modernity etc. has to be also assessed.	02
5	Log book (for work during fifth semester, marks to be given based on detailed and regular entry)	03
6	Portfolio for Self learning and reflection (for work during fifth semester) Marks based on amount of reflection and completion of portfolio.	03
7	Project Report including Documentation (for work during fifth semester and planning for sixth semester) (marks based on: clarity in	04



S. No.	Description	Marks
	presentation and organization; styles and language; quality of diagrams, drawings and graphs; accuracy of conclusion drawn; citing of cross references; suggestion for further research/project work)	
8	Presentation (presentation skills including communication skills to be assessed by observing the quality of presentations and asking questions during presentation and viva/voce) Presentation should be based on work done in fifth semester and planning for sixth semester.	03
9	Defence (ability to defend the methods/materials used and technical knowledge, and involvement of individual to be assessed by asking questions during presentation and viva/voce)	04
Total		25

Criteria of Marks for PA for Capstone Project -Execution and Report Writing.

S. No.	Criteria	Marks
1	Project Proposal /Identification	10
2	Punctuality and overall contribution	
3	Project Diary	
4	Execution of Plan during sixth semester	20
5	Project Report including documentation	15
6	Presentation	05
Total		50

VII. Criteria of Assessment /Evaluation of Seminar

A. Formative Assessment (FA) criteria

The assessment of the students in the fifth semester Progressive Assessment (PA) for 50 marks is to be done based on following criteria.

A. Suggestive RUBRICS for assessment

Sr. No.	Criteria	Marks
1	Selection Topic/Theme of seminar	05
2	Literature review and data presentation	05
3	Quality of Preparation and innovativeness	05
4	Q-A handling	05
5	Time Management	05
6	Seminar Presentation report	10

Rubrics for assessment of Project Initiation

Sr. No.	Criteria	Marks
1	Selection of Theme of Problem Statement and its innovativeness	05
2	Stages of development of Action plan	05
3	Prototyping	05

The total marks as per above out of 50, shall be converted in proportion of 25 marks.

B. Summative Assessment criteria/

The summative assessment of the students in the fifth semester End-Semester-Examination (ESE) for 50 marks is to be done based on following criteria.

This assessment shall be done by the Faculty.

Suggestive RUBRICS may be developed by the faculty

Sr. No.	Criteria	Marks
1	Quality of information/Knowledge presented in SEMINAR	10
2	Creativity, Innovation in SEMINAR presentation	10
3	Response to the question during seminar presentation	10
4	Establishment of Innovative Problem Statement and its presentation	10
5	Objectives of the project and action plan	10

The total obtained marks shall be converted in proportion of 25 marks.

D. Process to assess individual and team performance (5)

Assessment starts with delivering seminar on the topic, internal continuous assessment, monitoring and evaluation of individual and team by the guide. Presentation of the topic is done before external examiner and answering the viva during the viva verse during term end examination.

Criteria of Marks for ESE for Capstone Project -Execution and Report Writing

S. No.	Criteria	Marks
1	Project Proposal	05
2	Punctuality and overall contribution	
3	Project diary	
4	Execution of Plan during sixth semester	10
5	Project Report including documentation	10
6	Presentation	10
7	Question and Answer	15
Total		50

E. Quality of deliverable, working prototypes (12)

Institute Marks

12.00

E. Quality of deliverable, working prototypes (12)

Students deliver their projects through project reports in following format.

Quality of Project Report

To maintain the quality of project report following frame work is adopted for report writing.

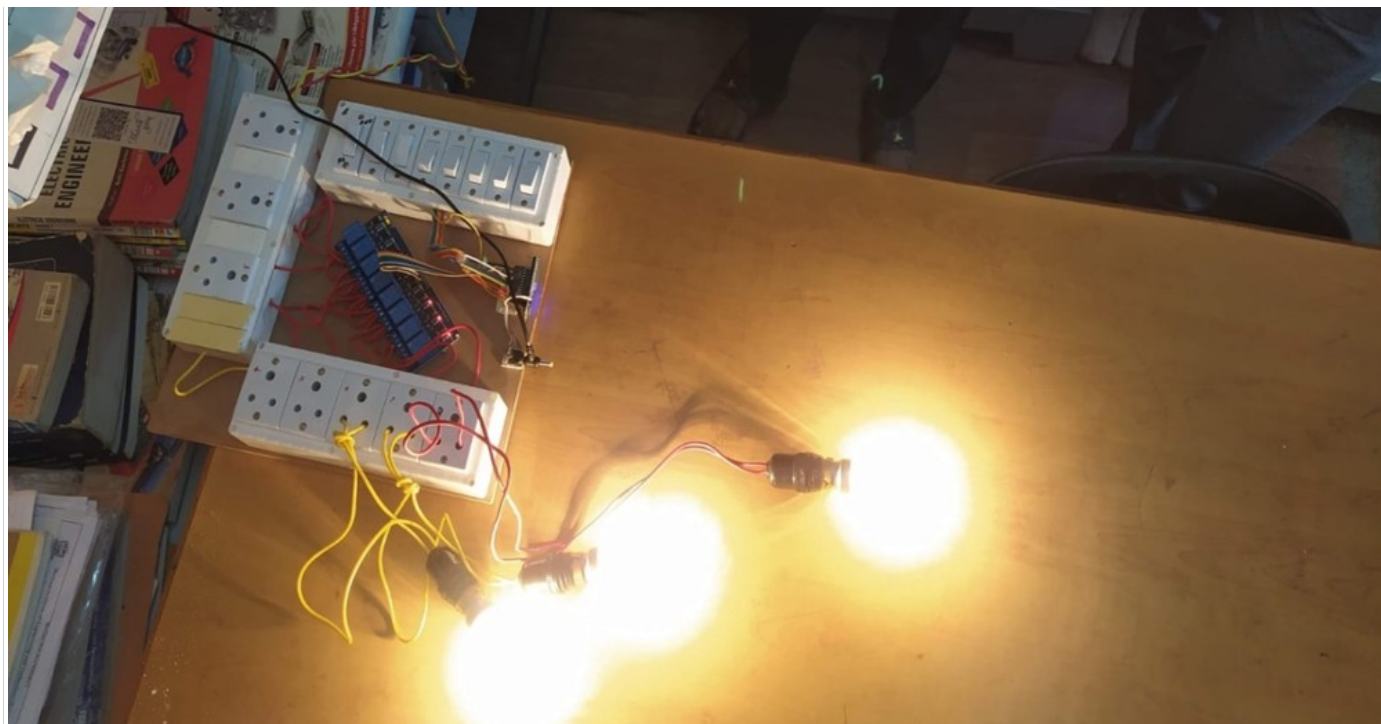
- Abstract
- Topic
- Introduction/Philosophy
- Literature survey/methodology adopted
- Project description
- Fabrication/Assembling
- Testing/Performance/Calculation
- Costing
- Result and discussion
- Conclusion

- Future scope
- Bibliography/References

Working of prototype is demonstrated to guide in mid sessions, to head of the department during submissions. Hon. Principal Encourage students for demonstration. During end semester exam students are assessed based on demonstration of proto type and oral examination.

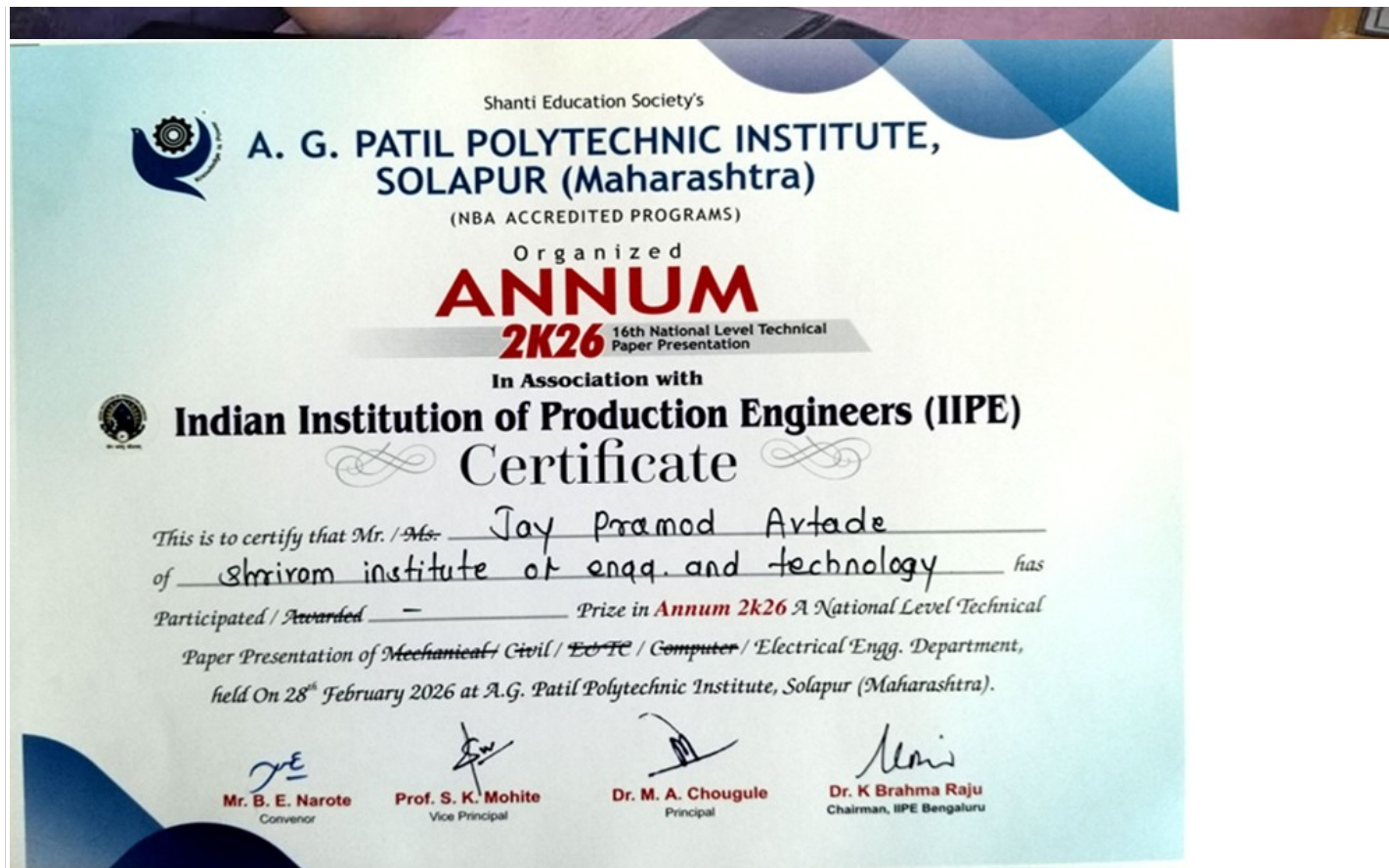














F. Papers published /Awards/ Recognition received by projects at State/ National level (5)

Institute Marks

5.00

Sr. No.	Name of student	Participation	Institute
1	Namrata Bhairvanath Tamtame	Annum 2k26, A National level Technical Paper	A.G. Patil Polytechnic Institute, Solapur

2	Amruta Satish Torane	Presentation	(Maharastra)
3	Ashlesha Ashok Gejage		
4	Nikita Satyawar Dethe		

Journal Publication

Sr. No.	Name of student	Article Name	Journal Name
1	Jay Pramod Avatade, Shubham Suresh gelande	IOT BASED ELECTRICAL VEHICLE MONITORING SYSTEM	International Journal Research Publication Analysis

2.2.5 Industry Interaction and Industry Internship/Training (30)

Institute Marks

28.00

A. Industry supported Labs (2)

Institute Marks

B. Delivery of appropriate Course work by Industry experts (5)

Institute Marks

5.00

B) Delivery of appropriate Course work by Industry experts (05)

Expert from industry are invited to conduct expert lectures and workshops for the students on the recent and forthcoming trends on emerging technologies and also on the application of course relevant topic in industry. Table 2.2.5B gives list of expert lectures and workshop arranged by the department in collaboration with industry experts and Fig 2.2.5B gives evidence of conduction of expert lecture.

Expert lecturers by Industry Experts FOR CAY 2025 - 26

SR. NO.	Content/Mode	Date/ Month/ Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO / PEO
1	Expert Lecture On “The Future is Electric: Trends & Opportunities in Electrical Engineering”.	15/09/2025	Mr. Mahaling Aasha Bandu Jamdade, Sales Executive Officer (West Region)	137	PO1,PO6,PO7 & PSO2,PSO3
2	Expert Lecture On “Maintenance and Faults Occurring in Electrical Power Distribution System”.	15/10/2025	Mr. Swanand Shankarrao Shinde, Deputy Executive Engineer (MAHADISCOM), Akulj	137	PO1,PO2,PO4,PO5,PO6 & PSO1,PSO2
3	Expert Lecture On “Alternative Energy Sources & Energy Audit”.	13/02/2026	Mr. Ganesh S. Kale, Deputy Executive Engineer MSETCL Shankarnagar, Akulj.	79	PO1, PO2, PO3, PO4, PO5, PO6, PO7 & PSO1
4	Expert Lecture On “Technical Communication for Engineers”.	10/3/2026	Dr.Ms.Mrunmayee Vaijayanta Vijaykumar Daithankar, Researcher,Writer And Educator with Life Skills	79	PO1, PO6 & PSO3
Table 2.2.5 B Expert Lectures					

 **Shriram Institute Of Engineering And Technology (Poly & Degree) Paniv**
Approved by A.I.C.T.E., New Delhi, DTE, Govt. of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University (Dr. BATU) Lonere, Dist. Raigad (Degree), M.S.B.T.E., Mumbai, (Polytechnic).
President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje
Ref No. SSS / SIET / 413 / 2025 - 20 26
Date: 11/02/2026

Invitation Letter

To,
Mr. Ganesh S Kale,
Dy. Executive Engineer MSETCL,
Shankarnagar, Akluj.

Subject – Invitation for the Expert lecture on “Alternative Energy Sources & Energy Audit”

Dear Sir,

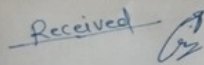
We are pleased to introduce ourselves as a growing institute in the field of technical education, established in year 2008 under the dynamic and able leadership of Mr. Prakash Shamrao Patil & Mrs. Shrilekha Prakash Patil with an objective of providing quality education in the field of engineering. The Journey started with a single institute and now we are of most renowned education societies in the Maharashtra. The college offers Diploma course in ME, CE, CM, EE and EJ and is a part of a “Shriram Shikshan Sanstha” Paniv.

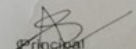
In a world where technology is changing very fast, it is indeed a challenging task to cater to the needs of industry for proficient manpower. Paniv being a rising countryside is filled with potential but an untapped pool of talent. We at Shriram Institute of Engineering & Technology, (Polytechnic), Paniv part of “Shriram Shikshan Sanstha” Paniv is working towards polishing this talent with additional values through Expert lecturers to bring them out so that they can touch the sky.

Since its inception college an experiencing remarkable growth both qualitatively and quantitatively. As a part of our continuous strives to bring the top companies corporate / Institutes Professional delegates to the college premises for extra value addition on their talent, we will be extremely obliged if you could be a part of our event on Preparation for Corporate Industry of making the untapped talent shine. We would be glad to provide you with any further information and assistance in this regard.

We are requesting to you to be a part of an Expert Lecture on “Alternative Energy Sources & Energy Audit” for students of Electrical Engineering department. Expert Lecture will be arranged on 13/02/2026.

We are looking forward to your participation in this event as your presence will give us enthusiastic inspiration to boost up a step forward for holistic development of students.

Thanking you,

Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

www.sietpaniv.org
sietpoly@gmail.com
Cell : 8956520994

Paniv
Tal. Malshiras, Dist. Solapur - 413113
(Maharashtra)

 **Shriram Institute Of Engineering And Technology (Poly & Degree) Paniv**
Approved by A.I.C.T.E., New Delhi, DTE, Govt. of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University (Dr. BATU) Lonere, Dist. Raigad (Degree), M.S.B.T.E., Mumbai, (Polytechnic).
President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje
Ref No. SSS / SIET / 413 / 2025 - 20 26
Date: 13/02/2026

To,
Mr. Ganesh S Kale,
Dy. Executive Engineer MSETCL,
Shankarnagar, Akluj.

Subject: Thanking letter for Expert Lecture

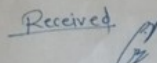
On behalf of Shriram Shikshan Sanstha” Paniv, we would like to thank you for taking part in our Expert Lecture. Your guidance on “Alternative Energy Sources & Energy Audit” was the most well attended of the event and it’s always nice to actually hear technically useful and your ideas certainly sparked a lively debate among all of those in attendees.

Once again we wish to thank you for the invaluable contribution you made at the Shriram Institute of Engineering & Technology, (Polytechnic), Paniv on 13/02/2026

We appreciate the time you took out of your busy schedule to join us and thank you for sharing your insights and expertise with our attendees.

Your willingness to volunteer your time, energy and support on behalf of Shriram Institute of Engineering & Technology, (Polytechnic), Paniv is greatly appreciated.

Thanking You,
Warm Regards

Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

www.sietpaniv.org
sietpoly@gmail.com
Cell : 8956520994

Paniv
Tal. Malshiras, Dist. Solapur - 413113
(Maharashtra)

 **Shriram Institute Of Engineering And Technology (Poly) Paniv**
Approved by A.I.C.T.E., New Delhi, DTE, Govt. of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University (Dr. BATU) Lonere, Dist. Raigad (Degree), M.S.B.T.E., Mumbai
Institution Code No. MSBTE - 12994 DTE Code - 6444
President: Hon. Prakash S. Patil Vice-President: Hon. Karan P. Patil Secretary: Adv. Abhishek P. Patil Principal: Mr. Prakash B. Dhainje
Ref No.SSS / SIET/ 473 / 2025- 2026 Date: 09 / 03 / 2026

To,
Dr. Ms. Mrunmayee Vijayanta Vijaykumar Daithankar
Researcher,
Writer and Educator with Life Skills

Subject: Regarding Invitation For Conducting Expert lecture For E&TC,& Electrical Engineering Students

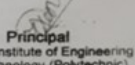
Respected Madam,

As per above mentioned subject, we are having five branches of engineering in our college, Out of which Electronics & Tele-Communication department is organizing Expert lecture on "Technical Communication for Engineers" on date 10/03/2026

Your experience and your valuable insights would provide immense learning opportunities for our students .We sincerely hope you will accept this invitation and kindly request you to confirm availability at your earliest convenience. Looking forward to your positive response.

Thanking you.

*Received
Wardhakar
09/03/26*

 Yours faithfully,

Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

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Ref No.SSS / SIET/ 477 / 2025- 2026 Date: 10 / 03 / 2026

To,
Dr. Ms. Mrunmayee Vijayanta Vijaykumar Daithankar
Researcher,
Writer and Educator with Life Skills

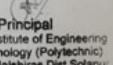
Subject: Regarding Completion Expert lecture on "Technical communication for Engineers"

Respected Madam,

We on behalf of Electronics & Telecommunication & Electrical Engineering Department of our collage Here by express our sincere thanks for conducting expert lecture on "Technical communication for Engineers", on date 10/03/2026. It was Nice Lecture and practical experience for our students they got fulfill knowledge regarding on same topic.

I hope you provide same co-operation in future.

Thanking you.

Yours faithfully,

Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

*Received
Wardhakar
10/03/26*



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President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje

Ref No. SSS / SIET / 107/2025-2026
Date: 02/09/25

To,
Mr. Shushant Gitte & Mrs. Priyanka Gitte,
Founder & CEO of CAD DESK
Shivajinagar & Narhe, Pune

Subject: Invitation about conducting One Day Seminar On "Auto CAD"

Respected Sir,

Shriram Shikshan Sanstha's, Shriram Institute of Engineering & Technology, (Polytechnic), Paniv was established in the year 2008 under the dynamic and able leadership of Mrs. Shrilekha Prakash Patil with an objective of providing quality education in the field of engineering. The Journey started with a single institute and now we are of most renowned education societies in the Maharashtra. The college offers Diploma course in ME, CE, CM, EE and EJ.

We ensure the overall development of students through well-defined teaching learning process and skill based activities. Students will have an exposure for experiential through value based Education and on campus projects. The team of faculty members is committed to prepare our students as tomorrow's leaders to match the need of fast changing world.

On the behalf of Mechanical Engineering / Civil Engineering / Electrical Engineering Dept. We are very pleased to have an honour of inviting you to deliver a lecture at our college in Mechanical Engineering / Civil Engineering / Electrical Engineering Dept. for the subject of "Auto Cad" This guest lecture should be conducted for the Second & Third year of ME/CE/EE Students. This lecture will be beneficial for our students for improving their awareness about Mechanical Engineering.

So please consider our invitation for this Seminar on 04th Sep. 2025.

With the warm regards,

Received
Shriyanka
04/09/25



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President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje

Ref No. SSS / SIET / 115/2025-2026
Date: 04/09/2025

To,
Mr. Shushant Gitte & Ms. Priyanka Gitte,
CAD Desk, Pune.

Subject: About successfully completion of One Day Seminar on Auto CAD.

Respected Sir,

We On the behalf of Shriram Institute of Engineering and Technology (Poly), Paniv, here by express our sincere thanks for conducting guest lecture on "Auto CAD" 04/09/2025. It was nice Seminar and great experience for our students. They received complete knowledge regarding on a same topic.

I hope you will be again come in futures and Co-operate us.

Thanking you!

With the warm regards,

Received
Shriyanka
04/09/25

Principal
Principal
Institute of Engineering & Technology (Polytechnic)
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DTE Code - 6444

President: **Prakash S. Patil** Vice-President: **Hon. Karan P. Patil** Secretary: **Adv. Abhishek P. Patil** Principal: **Mr. Prakash B. Dhainje**
Ref No. SSS / SIET / 432 / 2025 - 2026 Date: 13 / 02 / 2026

Invitation Letter

To,
Mr. Sagar B. Magar
INDIS EV-TECH
Akulj Technician.

Subject - Invitation for the Expert Workshop on "Two-Wheeler EV Assembly & Maintenance: A Hands-on Workshop".

Dear Sir,

We are pleased to introduce ourselves as a growing institute in the field of technical education, established in year 2008 under the dynamic and able leadership of Mr. Prakash Shamrao Patil & Mrs. Shrikleha Prakash Patil with an objective of providing quality education in the field of engineering. The Journey started with a single institute and now we are of most renowned education societies in the Maharashtra. The college offers Diploma course in ME, CE, CM, EE and EJ and is a part of a "Shriram Shikshan Sanstha" Paniv.

In a world where technology is changing very fast, it is indeed a challenging task to cater to the needs of industry for proficient manpower. Paniv being a rising countryside is filled with potential but an untapped pool of talent. We at **Shriram Institute of Engineering & Technology, (Polytechnic), Paniv** part of "Shriram Shikshan Sanstha" Paniv is working towards polishing this talent with additional values through **A Hands-on Workshop** to bring them out so that they can touch the sky.

Since its inception college an experiencing remarkable growth both qualitatively and quantitatively. As a part of our continuous strives to bring the top companies corporate / Institutes Professional delegates to the college provides for extra value addition on their talent, we will be extremely obliged if you could be a part of our event on Preparation for Corporate Industry of making the untapped talent shine. We would be glad to provide you with any further information and assistance in this regard.

We are requesting to you to be a part of **A Hands-on Workshop** on "Two-Wheeler EV Assembly & Maintenance" for students of SY & TY Electrical Engineering department. A Hands-on Workshop will be arranged on third week of february.

We are looking forward to your participation in this event as your presence will give us enthusiastic inspiration to boost up a step forward for holistic development of students.

Thanking you,

Received S.B. Magar

Principal
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DTE Code - 6444

President: **Hon. Prakash S. Patil** Vice-President: **Hon. Karan P. Patil** Secretary: **Adv. Abhishek P. Patil** Principal: **Mr. Prakash B. Dhainje**
Ref No. SSS / SIET / 438 / 2025 - 2026 Date: 21 / 02 / 2026

Thanking Letter

To,
Mr. Sagar B. Magar
INDIS EV-TECH
Technician.
Akulj 413101.

Subject - Thanking letter for "A Hands-on Workshop".

Dear Sir,

On behalf of "Shriram Shikshan Sanstha" Paniv, we would like to thank you for being part of A Hands-on Workshop on "Two-Wheeler EV Assembly & Maintenance" was the most well attended of the event and it's always nice to actually experience technical knowledge and your ideas certainly sparked a lively debate among all of those in attendees.

Once again we wish to thank you for the invaluable contribution you made at the Shriram Institute of Engineering & Technology, (Polytechnic), Paniv on 20/02/2026 to 21/02/2026.

We appreciate the time you took out of your busy schedule to join us and thank you for sharing your insights and expertise with our attendees.

Your willingness to volunteer your time, energy and support on behalf of Shriram Institute of Engineering & Technology, (Polytechnic), Paniv is greatly appreciated.

Thanking you,

Received S.B. Magar 21/02/2026

Principal
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Shriram Shikshan Sanstha's
Shriram Institute of Engg. & Technology (Poly.), Paniv (0994)
Programme : Electrical Engg.
Academic Year - 2025-26
Second Year
Guest Lecture Attendance

13/2/26

Roll No.	Enrollment No.	Name of Student	Sign	Roll No.	Enrollment No.	Name of Student	Sign
2501	23212330267	REVANDE YASHRAJ SATISH	[Signature]	2530	24212330504	CHORSAI E. SANKHA MAHADEV	[Signature]
2502	24212330462	SURVASE VIKAS LAXMAN	[Signature]	2531	24212330506	BHOSALE PUSHPAR DATTATRAY	[Signature]
2503	24212330463	SATHE GANESH RAJANKANT	[Signature]	2532	24212330508	POI. TUSHAR BRAMHIDE	[Signature]
2504	24212330464	NAIKNAWARE SHIVAM DATTATRAY	[Signature]	2533	24212330509	PALE ANILAJ GAJANAN	[Signature]
2505	24212330465	SIBLIK ANKET ANANTA	[Signature]	2534	24212330510	JADHAV BHARAT NAVNATH	[Signature]
2506	24212330466	DUDHIAL SANIKA NAVANATH	[Signature]	2535	24212330512	JADHAV SHRINIVAS GOPAL	[Signature]
2507	24212330467	MANE SUPRIYA MAHADEV	[Signature]	2536	24212330513	SHINDE SHIKHANT HASHMANT	[Signature]
2508	24212330469	SHENDAGE SHANKAR VIRGINI	[Signature]	2537	24212330514	BHOSALE SARTHAK DEEPAK	[Signature]
2509	24212330470	SHINDE HARSHVARDHAN SANGRAMSINH	[Signature]	2538	24212330515	WAGMODE ARYAN VILAS	[Signature]
2510	24212330471	HONKAD OM SUDHIR	[Signature]	2539	24212330547	GAIKWAD PRATHMESH PRADHAKAR	[Signature]
2511	24212330472	BARAKADE DAYANAND SAKHARAO	[Signature]	2540	25212330461	BHOSALE SAGAR SUBHASH	[Signature]
2512	24212330474	MANDAVE SANCHITA DATTATRAY	[Signature]	2541	25212330462	PAWAR ANURAGH RAHUL	[Signature]
2513	24212330475	DANANE AVDHUT SATISH	[Signature]	2542	25212330463	BHUTE ONKAR RAMDAS	[Signature]
2514	24212330476	DANGE YASH SANTOSH	[Signature]	2543	25212330464	PATILAN TAYYAB BABULAL	[Signature]
2515	24212330477	SHINDE TUSHAR SUDHARDEV	[Signature]	2544	25212330465	GHORPADE SHIVRAJ SANTOSH	[Signature]
2516	24212330478	BHAIK RUTUJA MALHARI	[Signature]	2545	25212330466	MALI ADITI DIGAMBAR	[Signature]
2517	24212330479	KHARAT PRANAV NITIN	[Signature]	2546	25212330467	MULANI SANYA SAMSHER	[Signature]
2518	24212330483	KALE ATHARV ARUN	[Signature]	2547	25212330468	SATPUTE KUMAR PRADKASH	[Signature]
2519	24212330487	LOKHANDE SOHAM SANTOSH	[Signature]	2548	25212330469	MADANE AKASH KHANDE	[Signature]
2520	24212330488	BODARE SANSKAR ARUN	[Signature]	2549	25212330470	MISAL SALONI RAMESH	[Signature]
2521	24212330489	KAMBLE SHIVTEJ TUKARAM	[Signature]	2550	25212330471	LOKHANDE SAKSHI TUKARAM	[Signature]
2522	24212330493	VANAVE SANIKA VIKRAM	[Signature]	2551	25212330472	RANANAVARE RAVIRAJ SANTOSH	[Signature]
2523	24212330494	JADHAV SANSKAR ABASO	[Signature]	2552	25212330473	MULANI ALPAZ MAHAMADWALE	[Signature]
2524	24212330495	KAKADE SHIVRAJ KISHOR	[Signature]	2553	25212330474	LAVAND SONAL RAMCHANDRA	[Signature]
2525	24212330496	KOLEKAR SAGAR SHANKAR	[Signature]	2554	25212330475	SHAIKH SOHEB BALISH	[Signature]
2526	24212330497	GHADAGE SUNIL DHANAJ	[Signature]	2555	25212330476	BANDGAR PIYUSH POPAT	[Signature]
2527	24212330499	MANDAVE VITTHAL ASHOK	[Signature]	2556	25212330534	TUPE SAHIL BALU	[Signature]
2528	24212330501	BOKADE ANIL DIPAK	[Signature]				
2529	24212330502	KUMBHAR RUSHIKESH KRUSHINA	[Signature]				

H.O.D.
Dept. Of Electrical Engg.
S.I.E.T. Paniv

Shriram Shikshan Sanstha's
Shriram Institute of Engg. & Technology (Poly.), Paniv (0994)
Programme : Electrical Engg.
Academic Year - 2025-26
Third Year
Guest Lecture Attendance

13/2/26

Roll No.	Enrollment No.	Name of Student	Sign Of Student
3501	23212330221	BHANGE VISHAL VINOD	[Signature]
3502	23212330222	GEJAGE ASHLESHA ASHOK	[Signature]
3503	23212330227	GURAV GANESH VIDAY	[Signature]
3504	23212330228	TORANE AMRUTA SATISH	[Signature]
3505	23212330230	DETHE NIKITA SATYAWAN	[Signature]
3506	23212330250	GALANDE SHUBHAM SURESH	[Signature]
3507	23212330260	RAKHUNDE SANKET VIDAY	[Signature]
3508	23212330275	PALVE TUSHAR RAJENDRAKUMAR	[Signature]
3509	23212330278	KHARAT DHIRAJ BALU	[Signature]
3510	23213440614	KHOT GANESH KUBER	[Signature]
3511	24212330522	TAMATAME NAMRATA BHAIKAVNATH	[Signature]
3512	24212330526	RANDIVE PRITAM SIDDHARTH	[Signature]
3513	24212330527	PORE ARJUN SOMNATH	[Signature]
3514	24212330528	PATILAN RIHAN JAVED	[Signature]
3515	24212330529	NANAVARE SARTHAK NAVANATH	[Signature]
3516	24212330531	MARKAD SONALI NANA	[Signature]
3517	24212330532	MANE SNEHA UDDHAV	[Signature]
3518	24212330533	MANDALE SANJAY ANKUSH	[Signature]
3519	24212330534	KOLI NAVANATH VINOD	[Signature]
3520	24212330537	LAVAND SANKET SHIVAJI	[Signature]
3521	24212330539	DHOPE OM VAIBHAVNATH	[Signature]
3522	24212330541	BHANDARE VISHWANATH NAGNATH	[Signature]
3523	24212330543	AVATADE JAY PRAMOD	[Signature]

H.O.D.
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21/2/26


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3503	23212330227	GURAV GANESH VIJAY	<i>G.V. Gurav</i>
3504	23212330228	TORANE AMRUTA SATISH	<i>A. Torane</i>
3505	23212330230	DETHE NIKITA SATYAWAN	<i>N. Dethe</i>
3506	23212330250	GALANDE SHUBHAM SURESH	<i>G. Galandess</i>
3507	23212330260	RAKHUNDE SANKET VIJAY	<i>S. Rakunde</i>
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3509	23212330278	KHARAT DHIRAJ BALU	<i>D. Kharat</i>
3510	23213440614	KHOT GANESH KUBER	<i>G.K. Khot</i>
3511	24212330522	TAMATAME NAMRATA BHAIKAVNATH	<i>N.B.T.</i>
3512	24212330526	RANDIVE PRITAM SIDDHARTH	<i>P. Randive</i>
3513	24212330527	PORE ARJUN SOMNATH	<i>A.S. Pore</i>
3514	24212330528	PATHAN RIHAN JAVED	<i>R. Pathan</i>
3515	24212330529	HANAVARE SARTHAK NAVANATH	<i>S. Hanavare</i>
3516	24212330531	MARKAD SONALI NANA	<i>S.N.M.</i>
3517	24212330532	MANE SNEHA UDDHAV	<i>S. Mane</i>
3518	24212330533	MANDALE SANJAY ANKUSH	<i>S. Mandale</i>
3519	24212330534	KOLI NAVANATH VINOD	<i>V. Koli</i>
3520	24212330537	LAWAND SANKET SHIVAJI	<i>S. Lawand</i>
3521	24212330539	DHOPE OM VAJIANATH	<i>O.V. Dope</i>
3522	24212330541	BHANDARE VISHWANATH NAGNATH	<i>V. Bhandare</i>
3523	24212330543	AVATADE JAY PRAMOD	<i>J. Avatade</i>

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Dept. Of Electrical Engg.
S.I.E.T. Paniv

M. Mulani
Ms. Mulani P.H

21/2/26


Shriram Shikshan Sanstha's
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2502	24212330462	BURVARE VIKAS LAXMAN	<i>V. Burvare</i>	2502	24212330506	BHOSALE PUSHPAL DATTATRAY	<i>P. Bhosale</i>
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2504	24212330464	NARAYANARAYAN SHIVAJI DATTATRAY	<i>S. Narayanarayan</i>	2504	24212330509	PALE ANAND DADANAN	<i>A. Pale</i>
2505	24212330465	SHIRKE ANKUSH ANANTA	<i>A. Shirke</i>	2505	24212330510	LAHARI BHARAT NAVNATH	<i>B. Lahari</i>
2506	24212330466	GOUDAL SANKAR NARANATH	<i>S. Goudal</i>	2506	24212330512	LAHARI KIRANDEEP GOPAL	<i>K. Lahari</i>
2507	24212330467	MANE SUPREYA MANOHAR	<i>S. Mane</i>	2507	24212330513	SHINDE SURESH MANOHAR	<i>S. Shinde</i>
2508	24212330469	SHINDAR SHANKAR VINOD	<i>S. Shindar</i>	2508	24212330514	SHIRWALE SARTHAK DIPPIKA	<i>S. Shirwale</i>
2509	24212330470	SHINDE HARSHVARDHAN KANAKRANT	<i>H. Shinde</i>	2509	24212330515	WAGHMODE MEENAKSHI	<i>M. Waghmode</i>
2510	24212330471	SHIRWALE OM DEEPA	<i>O. Shirwale</i>	2510	24212330517	GARKHAD PRATIBHA PRADHAN	<i>P. Garkhad</i>
2511	24212330472	BARAKADE DAYANAND SURESH	<i>D. Barakade</i>	2511	24212330518	BHOSALE SANKAR SURESH	<i>S. Bhosale</i>
2512	24212330474	MANDAVE SANCHITA DATTATRAY	<i>S. Mandave</i>	2512	24212330519	PAWAR ANURAG RAHEL	<i>A. Pawar</i>
2513	24212330475	DANANE AVINASH SATISH	<i>A. Danane</i>	2513	24212330520	SHIRWALE SARTHAK RAMDAS	<i>S. Shirwale</i>
2514	24212330476	SHINDE YASH SANTOSH	<i>Y. Shinde</i>	2514	24212330521	PATHAN TAYYAB BABULAL	<i>T. Pathan</i>
2515	24212330477	SHIRWALE TUSHAR KIRANDEEP	<i>T. Shirwale</i>	2515	24212330522	CHORWALE SHIVAJI SANTAR	<i>S. Chorwale</i>
2516	24212330478	BHAR. RUTUHA MALHARI	<i>R. Bhar.</i>	2516	24212330523	MALI ADITI DEDHAMBAR	<i>A. Mali</i>
2517	24212330479	KHARAT PRANAV MITIN	<i>P. Kharat</i>	2517	24212330524	MELANI SANDA SAMBHER	<i>S. Melani</i>
2518	24212330480	KALE ATULDEV ARJUN	<i>A. Kale</i>	2518	24212330525	SATPUTE KUMAR PRAMOD	<i>K. Satpute</i>
2519	24212330481	LOKHANDE SORAB SANTOSH	<i>S. Lokhande</i>	2519	24212330526	MADANE AKASH KHANDU	<i>A. Madane</i>
2520	24212330482	BHOSALE SANKAR ARJUN	<i>S. Bhosale</i>	2520	24212330527	MEKAL BALASA RAMBHER	<i>B. Mekal</i>
2521	24212330483	KAMBLE SHIVAJI TULKARAM	<i>S. Kamble</i>	2521	24212330528	LOKHANDE SAKSHI TULKARAM	<i>S. Lokhande</i>
2522	24212330484	V. SHAR. SANKAR VIKRAM	<i>V. Shar.</i>	2522	24212330529	KANANAYAR RAVIRAJ SANTOSH	<i>R. Kananayar</i>
2523	24212330485	JADHAV SANKAR ARASHI	<i>A. Jadhav</i>	2523	24212330530	MELANI ALFAR MANOHARWALE	<i>A. Melani</i>
2524	24212330486	KARADE SHIVAJI KISHOR	<i>S. Karade</i>	2524	24212330531	LAV AND SORAB RAMCHANDRA	<i>S. Lav</i>
2525	24212330487	KOLKAR SANKAR SHIVAJI	<i>S. Kolkar</i>	2525	24212330532	SHARAD SORAB BALASA	<i>S. Sharad</i>
2526	24212330488	GHADGE BUNDE DEEPAK	<i>B. Ghadge</i>	2526	24212330533	WAGHMODE PUSHPA POPAT	<i>P. Waghmode</i>
2527	24212330489	MANDAVE VITTHAL ABHOK	<i>V. Mandave</i>	2527	24212330534	TUPE RAHEL BALU	<i>R. Tupe</i>
2528	24212330490	BHOSALE ANIL DEPAK	<i>A. Bhosale</i>				
2529	24212330491	KUMBHAR KISHORDEVI KALSHODA	<i>K. Kumbhar</i>				

H.O.D.
Dept. Of Electrical Engg.
S.I.E.T. Paniv

M. Mulani
Ms. Mulani P.H







Fig 2.2.5 B : Evidences of expert lectures conducted by industry expert

Expert lecturers by Industry Experts FOR CAYm1 2024 - 25

SR. NO.	Content/Mode	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO / PEO

1	Expert Lecture On “Micro grid Technology”	11/10/2024	Mr.Suryagun Avinash Anil, Assistant Prof. at SVERI College of Engg. Pandharpur	134	PO1,PO2,PO3,PO5,PO6,PO7 & PSO1,PSO2
2	Expert Lecture On “Future of Electric Vehicles & Conversion of Petrol Vehicle Into Electrical Vehicle”.	22/10/2024	Mr. Suraj Sunil Doke, Founder Director of Spartan Technologies	134	PO1,PO2,PO3,PO5,PO6,PO7 & PSO1,PSO2,PSO3
3	Expert Lecture On “Sustainability and Renewable Resources”	22/10/ 2024	Dr.Vedpathak Mangesh Mohan, Assistant Prof. at Sanjay Godhawat, Kolhapur	133	PO1,PO6,PO7 & PSO2,PSO3
4	Expert Lecture On “Arduino Boards & Portable 8051 microcontrollers And Future Opportunities in Electrical”.	01/03/ 2025	Mr.Dr.Y.V.Parkale, Associate Prof. at SVPM COE, Malegaon	133	PO1,PO2,PO3,PO5 & PSO1,PSO2,PSO3

Expert lecturers by Industry Experts FOR CAYm2 2023 - 24

SR. NO.	Content/Mode	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO / PEO
1	Expert Lecture On “Alternator & Transformer Protection”.	16/10/2023	Mr.Suraj Namdeo Mendhe, Field Officer in MSEDCL, Baramati	142	PO1,PO2,PO4,PO5,PO6 & PSO1,PSO2
2	Expert Lecture On “Future of Electrical Engg Through Design Software”.	28/10/2023	Mr. Shinde Ranjit.R., Design Engineer in Avantorsciences PVT. LTD. Pune	142	PO1,PO2,PO3,PO5 & PSO1,PSO2,PSO3
3	Expert Lecture On “Industrial Management”.	02/02/2024	Mr. Nitin Ruqubadas Kangule, Incharge Principal, SIMS, Akluj	65	PO1,PO2,PO3,PO5 & PSO1,PSO2
4	Expert Lecture On “Electrical Estimation And Contracting”.	23/02/2024	Mr. Vijay A. Sawant, Prof. at SVERI College of Engg. Pandharpur	142	PO1, PO2, PO3, PO4, PO5, PO6, PO7 PSO1, PSO2, PSO3
5	Expert Lecture On “Electrical Auto Cad Design”.	27/02/2024	Mr. Zagade Sandip, Director, Info Auto Tech India, Baramati	140	PO1,PO2,PO3,PO5 & PSO1,PSO2

Table 2.2.5 Expert Lectures

C. Industrial visits/tours for students (3)

Institute Marks

3.00

C. Industrial visits/tours for students (03)

Industrial visits are organized for the students to introduce them with a world of work. Minimum two industrial visits are organized per semester sufficing the need of curriculum.

Table 2.2.5C gives list of industries visited during last three years.

Industrial visits For CAY 2025 – 26 :

SR. NO.	Content/Mode	Date/Month/Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	26/09/2025	33/11 KV Substation MSEDCL, Paniv	80	PO1, PO2, PO4, PO5, PO7, PSO1, PSO2, PSO3
2	Industrial Visit	06/10/2025	Purshottam Group, Dharampuri	137	PO1, PO2, PO3, PO4, PO7, PSO1, PSO3
3	Industrial Visit	06/10/2025	Samadhan Transformer, Malshiras	137	PO1, PO2, PO4, PO5, PO7, PSO1, PSO2, PSO3
4	Industrial Visit	04/03/2026	Railway station, Kurduwadi	80	PO1, PO2, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3
5	Industrial Visit	02/04/2026	Vighnahartha Polymers Pvt. Ltd, Akluj.	57	PO1, PO2, PO4, PO5, PO7, PSO1, PSO3
6	Industrial Visit	02/04/2026	Arogyam Water (Vighnhartata Industries), Akluj	57	PO1, PO2, PO4, PO5, PO7, PSO1, PSO2, PSO3

Table 2.2.5 C : Industrial Visits



Industrial Visit at 33/11 KV Substation MSEDCL, Paniv Dated 26/09/2025



Industrial Visit at Purshottam Group, Dharampuri Dated 06/10/2025



Industrial Visit at Samadhan Transformer, Malshiras Dated 06/10/2025



Industrial Visit at Railway station, Kurduwadi Dated 04/03/2026



Industrial Visit at Vighnahartha Polymers Pvt. Ltd, Akluj. Dated 02/04/2026



Industrial Visit at Arogyam Water (Vighnhartata Industries), Akluj Dated 02/04/2026

 **Shriram Institute Of Engineering And Technology (Poly) Paniv**
Insti. Code No. MSBTE - 0994
DTE Code - 6444
Approved by A.I.C.T.E., New Delhi, DTE, Govt. of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University (Dr. BATU) Lonere, Dist. Raigad (Degree), M.S.B.T.E., Mumbai

President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje

Ref No. SSS / SIET / 1205 - 2026 Date: 10/03/2026

To
The Manager
Aarogyam Water (Vighnharata Industries)
Gat No. 108/1/A/2, Plot No. 33 & 34
A/P - Sangramnagar, Akluj
Tal - Malshiras, Dist - Solapur
Maharashtra - 413101.

Subject: Request for Permission to Arrange Industrial Visit

Respected Sir,

With reference to the above subject, we would like to inform you that **Shriram Institute of Engineering & Technology (Polytechnic), Paniv** conducts diploma courses in five branches of engineering.

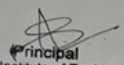
As per the curriculum prescribed by the Maharashtra State Board of Technical Education (MSBTE) for the academic year 2025-26, an **Industrial Visit** is an essential academic activity for the students of the **Electrical Engineering Department**. The objective of this visit is to provide students with practical exposure to industrial processes and enhance their understanding of real-world electrical applications.

In this regard, we kindly request you to grant permission for our students to visit your **Aarogyam Water Plant, Akluj**, during the period **12 March 2026 to 18 March 2026**, on a date and time convenient to you.

This visit will help students gain valuable knowledge about the **electrical systems used in RO plants**, enabling them to understand practical applications in the water treatment industry.

We would be grateful if you could kindly grant permission and inform us of a suitable date and time for the visit.

Thank you for your cooperation and support.

  
Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

Enclosure: - List of total nos. students (65 nos.) & staff (06 nos.) is attached for more details.

www.sietpaniv.org
sietpoly@gmail.com
Cell : 8956520994 Ph.: (02185) 235572 / 235573

Paniv
Tal. Malshiras, Dist. Solapur - 413113
(Maharashtra)

 **Shriram Institute Of Engineering And Technology (Poly) Paniv**
Insti. Code No. MSBTE - 0994
DTE Code - 6444
Approved by A.I.C.T.E., New Delhi, DTE, Govt. of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University (Dr. BATU) Lonere, Dist. Raigad (Degree), M.S.B.T.E., Mumbai

President: Hon. Prakash S. Patil
Vice-President: Hon. Karan P. Patil
Secretary: Adv. Abhishek P. Patil
Principal: Mr. Prakash B. Dhainje

Ref No. SSS / SIET / 1205 - 2026 Date: 02/04/2026

To,
The Manager,
Aarogyam Water (Vighnharata Industries),
A/P Sangramnagar, Akluj,
Tal- Malshiras, Dist- Solapur,
Maharashtra - 413101.

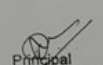
Subject: Successful completion of "Industrial Visit".

Respected Sir,

On behalf of Electrical department of SIET (Poly.), Paniv, we express our sincere gratitude to you for permitting the permission for **"Industrial Visit"** arranged on **02/04/2026** for F.Y. Electrical Students.

This industrial visit was extremely helpful and it added a great deal of knowledge to the students as well as the teachers on gaining insights on **"Electrical system in RO water plant"**.

Thanking you.

  
Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

www.sietpaniv.org
sietpoly@gmail.com
Cell : 8956520994 Ph.: (02185) 235572 / 235573

Paniv
Tal. Malshiras, Dist. Solapur - 413113
(Maharashtra)

 Shriram Shikshan Sanstha's Shriram Institute of Engg. & Technology (Poly.), Paniv (0994) Electrical Engg. Department Academic Year – 2025-26 F.Y. Electrical 									
Industrial Visit									
Roll No.	Enrollment No.	Name of Student	In sign	Out Sign	Roll No.	Enrollment No.	Name of Student	In sign	Out Sign
1501	25212330477	GAIKWAD SANIKA CHAGDEV	<i>[Signature]</i>	<i>[Signature]</i>	1530	25212330506	ZANJE SUJT ANIL	<i>[Signature]</i>	<i>[Signature]</i>
1502	25212330478	SHAHANE ANURADHA VIJAY	<i>[Signature]</i>	<i>[Signature]</i>	1531	25212330507	SAWANT RUGVED SUBHASH	<i>[Signature]</i>	<i>[Signature]</i>
1503	25212330479	SHENDGE SAKSHI PRAKASH	<i>[Signature]</i>	<i>[Signature]</i>	1532	25212330508	MANE SARTHAQ GANESH	<i>[Signature]</i>	<i>[Signature]</i>
1504	25212330480	SHENDAGE AKSHADA BHIMRAO	<i>[Signature]</i>	<i>[Signature]</i>	1533	25212330509	JANRAO KIRTISINH SHANKAR	<i>[Signature]</i>	<i>[Signature]</i>
1505	25212330481	YADAV SHAMBHU AMOL	<i>[Signature]</i>	<i>[Signature]</i>	1534	25212330510	GODASE SHRIRAJ YUVRAJ	<i>[Signature]</i>	<i>[Signature]</i>
1506	25212330482	MISKIN SHIVTEJ VITTHAL	<i>[Signature]</i>	<i>[Signature]</i>	1535	25212330511	THOMBARE OM DHANAJI	<i>[Signature]</i>	<i>[Signature]</i>
1507	25212330483	GAJARE EKNATH DEVIDAS	<i>[Signature]</i>	<i>[Signature]</i>	1536	25212330512	MAGAR SAMADHAN DEVIDATT	<i>[Signature]</i>	<i>[Signature]</i>
1508	25212330484	KSHIRSAGAR PREM RAMESH	<i>[Signature]</i>	<i>[Signature]</i>	1537	25212330513	KADAM TRISHUL SUNIL	<i>[Signature]</i>	<i>[Signature]</i>
1509	25212330485	LAVATE SHAKTI RAVIN	<i>[Signature]</i>	<i>[Signature]</i>	1538	25212330514	KAVADE SHRAVAN ASHOK	<i>[Signature]</i>	<i>[Signature]</i>
1510	25212330486	BUDHANAVR VAIBHAV RAJENRA	<i>[Signature]</i>	<i>[Signature]</i>	1539	25212330515	MARKAD AKSHAY DADASO	<i>[Signature]</i>	<i>[Signature]</i>
1511	25212330487	SHELKE OM NAVNATH	<i>[Signature]</i>	<i>[Signature]</i>	1540	25212330516	KALE VISHAL JALINDAR	<i>[Signature]</i>	<i>[Signature]</i>
1512	25212330488	PATIL DHANRAJ HEEMANT	<i>[Signature]</i>	<i>[Signature]</i>	1541	25212330517	SAVANT RITA SANJAY	<i>[Signature]</i>	<i>[Signature]</i>
1513	25212330489	SHINDE OM SARAD	<i>[Signature]</i>	<i>[Signature]</i>	1542	25212330518	GAIKWAD KISHOR SAMBHAJI	<i>[Signature]</i>	<i>[Signature]</i>
1514	25212330490	MAGAR SHIVTEJ SANTOSH	<i>[Signature]</i>	<i>[Signature]</i>	1543	25212330519	GAIKWAD NANDINI PADURANG	<i>[Signature]</i>	<i>[Signature]</i>
1515	25212330491	VIRKAR SUMIT SUBHASH	<i>[Signature]</i>	<i>[Signature]</i>	1544	25212330520	PINGALE RAMESH DAYANAND	<i>[Signature]</i>	<i>[Signature]</i>
1516	25212330492	MANE AVADHUT DHARMENDRA	<i>[Signature]</i>	<i>[Signature]</i>	1545	25212330521	SHENDAGE YASHI SARJERAO	<i>[Signature]</i>	<i>[Signature]</i>
1517	25212330493	JADHAV OM SACHIN	<i>[Signature]</i>	<i>[Signature]</i>	1546	25212330522	DHIMARE ONKAR DADASO	<i>[Signature]</i>	<i>[Signature]</i>
1518	25212330494	SHINDE VIJAY SATISH	<i>[Signature]</i>	<i>[Signature]</i>	1547	25212330523	DHUMAL VAIBHAV PRADIP	<i>[Signature]</i>	<i>[Signature]</i>
1519	25212330495	SURVASE PRATIKSH RAMESH	<i>[Signature]</i>	<i>[Signature]</i>	1548	25212330524	JAMADAR SOHEL SHOUKAT	<i>[Signature]</i>	<i>[Signature]</i>
1520	25212330496	SAWANT VIVEK VISHNU	<i>[Signature]</i>	<i>[Signature]</i>	1549	25212330525	KHANDEKAR ADITYARAJE NANASAHEB	<i>[Signature]</i>	<i>[Signature]</i>
1521	25212330497	YADAV VAISHNAVI BALRAM	<i>[Signature]</i>	<i>[Signature]</i>	1550	25212330526	PAWAR MAHESH DADA	<i>[Signature]</i>	<i>[Signature]</i>
1522	25212330498	KAMBLE BHAKTI SACHIN	<i>[Signature]</i>	<i>[Signature]</i>	1551	25212330527	THITE GANESH HANUMANT	<i>[Signature]</i>	<i>[Signature]</i>
1523	25212330499	VAJALE SUBODH NAVNATH	<i>[Signature]</i>	<i>[Signature]</i>	1552	25212330528	KHADE SHIVAM TANAJI	<i>[Signature]</i>	<i>[Signature]</i>
1524	25212330500	EKTAPORE SHUBHANGI SANTOSH	<i>[Signature]</i>	<i>[Signature]</i>	1553	25212330529	KAMBLE SHUBHAM DATTATRAY	<i>[Signature]</i>	<i>[Signature]</i>
1525	25212330501	BANKAR GAYATRI BALIRAM	<i>[Signature]</i>	<i>[Signature]</i>	1554	25212330530	PATIL SHIVRAJ DILIP	<i>[Signature]</i>	<i>[Signature]</i>
1526	25212330502	JAGDALE SHAURY RAMESH	<i>[Signature]</i>	<i>[Signature]</i>	1555	25212330531	GADHARE PRATIKSHA POPAT	<i>[Signature]</i>	<i>[Signature]</i>
1527	25212330503	BHAGEYAVANT VITTHAL ARJUN	<i>[Signature]</i>	<i>[Signature]</i>	1556	25212330532	NAIKNAVARE SHIVAM VAMAN	<i>[Signature]</i>	<i>[Signature]</i>
1528	25212330504	LOKANDHE SOHAM SANDIP	<i>[Signature]</i>	<i>[Signature]</i>	1557	25212330533	JANKAR NIKHIL NAVNATH	<i>[Signature]</i>	<i>[Signature]</i>
1529	25212330505	OWAL VISHNU LAXMAN	<i>[Signature]</i>	<i>[Signature]</i>					

Fig 2.2.5 C : Evidences of Industrial Visits Arranged at Nearby Industrial Area.

Industrial visits For CAYm1 2024 – 25 :

SR. NO.	Content/Mode	Date/Month/Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	17/10/2024	Saswad mali sugar factory, Malinagar	123	PO1, PO2, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3
2	Industrial Visit	17/10/2024	Datta Transformers, Akluj	123	PO1, PO2, PO3, PO4, PO7, PSO1, PSO3

3	Industrial Visit	18/02/2025	Railway station, Kurduwadi	123	PO1, PO2, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3
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Industrial visits For CAYm2 2023 – 24 :

SR. NO.	Content/Mode	Date/ Month/ Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	17/10/2023	Saswad mali sugar factory, Malinagar	142	PO1, PO2, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3
2	Industrial Visit	09/02/2024	MSEDCL	142	PO1, PO2, PO4, PO5, PO7, PSO1, PSO2, PSO3
3	Industrial Visit	16/02/2024	Railway Station, Kurduwadi	142	PO1, PO2, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3

D. Industrial training/ internship (5)

Institute Marks

5.00

Industrial training / internship (5) (Marks to be given proportionately i.e.100% student attended

= 05 Marks; 90% students attended = 04, Marks and so on...)

1. Students have undergone summer internship training at various industries located at Piliv, Indapur MIDC and nearby industrial area.
2. From academic year 2019 – 20, 100% second year students are deputed for six weeks industrial training as per I Scheme & newly implemented K Scheme also has same pattern for industrial training.
3. Being a part of curriculum this practice will continue.
4. Details of student's undergone industrial training are mentioned.

Fig 2.2.5 D gives list of industrial training from 2022 - 23 onwards and evidences are attached here.

Academic Year	No. of students completing internships (out of total enrolled)	% of students completing internships

2025 - 26	56	100%
2024 - 25	55	100%
2023 - 24	69	100%



महाराष्ट्र राज्य तंत्र शिक्षण मंडळ

(स्वायत्त) (ISO: १००१:२०१५) (ISO/IES: २७००१:२०१३)

शासकीय तंत्र निकेतन इमारत, चौथा मजला, ४९, खेरवाडी, बांद्रा (पूर्व), मुंबई - ४०० ०५३

दूरध्वनी क्र.: ०२२-६२५४२१५३ / १६१

Email : secretary@msbte.com

जा.क्र.मरातेशि/का-५१/प्रशिक्षण/२०२३/२०४५

Web : www.msbte.org

दिनांक: 12 APR 2023

महत्वाचे परिपत्रक

प्रति,
प्राचार्य,
महाराष्ट्र राज्य तंत्र शिक्षण मंडळाशी
संलग्नित सर्व संस्था (AICTE)

विषय: 'I' Scheme अभ्यासक्रमामधील विद्यार्थ्यांकरीता औद्योगिक प्रशिक्षणाच्या (Industrial Training) आयोजनाबाबत...

संदर्भ: मंडळाचे शैक्षणिक वेळापत्रक शैक्षणिक वर्ष २०२२-२३

मंडळाने शैक्षणिक वर्ष २०१७-१८ पासून अभियांत्रिकी पदविका अभ्यासक्रमाकरिता 'I' Scheme अभ्यासक्रम लागू केला आहे. सदर 'I' Scheme अभ्यासक्रमांमध्ये विद्यार्थ्यांच्या कोशल्य वाढीसाठी चौथ्या सत्रानंतर ज्या अभ्यासक्रमाकरिता ६ आठवड्यांचे औद्योगिक प्रशिक्षण (Industrial Training) अनिवार्य करण्यात आलेले आहे त्यासाठी ६ क्रेडिट व १५० गुणांचे तरतूद करण्यात आलेली आहे. संस्थेने सदर प्रशिक्षणाचे आयोजन चौथ्या सत्राच्या लेगी परिक्षेनंतर करावयाचे आहे.

शैक्षणिक वर्ष २०२०-२१ व २०२१-२२ मध्ये कोविड-१९ च्या प्रादुर्भावामुळे लागू असलेल्या विविध शासन नियमावलीस अनुसरून सदर औद्योगिक प्रशिक्षण विद्यार्थ्यांसाठी Online / Virtual पद्धतीने संस्थांमार्फत करण्यात आले होते. तदनंतर शैक्षणिक कामकाज प्रगतीने प्रत्यक्षरित्या / ऑफलाईन पद्धतीने सुरु झाल्यानंतर शैक्षणिक वर्ष २०२२-२३ करिता औद्योगिक प्रशिक्षण प्रत्यक्षरित्या / ऑफलाईन आयोजित करण्यात आले होते.

शैक्षणिक वर्ष २०२३-२४ करिता अशा प्रकारचे अनिवार्य प्रशिक्षण प्रत्यक्षरित्या / ऑफलाईन आयोजित करण्यात यावे. सदर प्रशिक्षण आयोजित करण्याबाबत संस्थामार्फत नियोजन करण्यात यावे. दि. ०७ जून, २०२३ ते २२ जुलै, २०२३ पर्यंत प्रशिक्षण पूर्ण करणे अपेक्षित आहे. संस्थांनी याबाबत जवळपासच्या उद्योगधंद्यासोबत संपर्क साधून विद्यार्थ्यांच्या Placement बाबत उद्योगधंद्यांची सहमती घेणे आवश्यक आहे.

औद्योगिक प्रशिक्षणाचे यशस्वीरीत्या आयोजनाबाबत मंडळाच्या दि. ०८.०८.२०१८ रोजी झालेल्या विद्वत समितीच्या (Academic Committee) बैठकीमध्ये दिलेल्या निर्देशानुसार जिल्हा व विभागीय स्तरावर समित्या स्थापन करावयाच्या असून त्यांची रचना, कर्तव्ये व जबाबदा-या शैक्षणिक वर्ष २०२१-२२ मध्ये आपणांस दिलेल्या आहेत. तसेच विद्वत समितीने (Academic Committee) मंजूर केलेले औद्योगिक प्रशिक्षणाच्या आयोजनाबाबतचे manual सुद्धा दिलेले आहेत. औद्योगिक प्रशिक्षणाचे आयोजन HUB & SPOKE धर्तीवर करावयाचे असून त्याकरिता जिल्हनियंत्रक HUB Institute व HUB Industry ची निवड केलेली आहे. अंमलबजावणी योग्य होण्याच्या दृष्टीने यामध्ये बदल करावयाचा असल्यास आढावा घेऊन सदर बदलांची निश्चिती करावी. त्यानुसार सर्व संबंधितांमार्फत कार्यवाही करण्याकरीता निर्देशित करण्यात येत आहे.

औद्योगिक प्रशिक्षणाचे यशस्वीरीत्या आयोजन करण्याकरिता संस्थास्तरावर खालील वेळापत्रकाप्रमाणे संस्थास्तरावर कार्यवाही करावी.

Sr. N	Activity	Schedule
1	Review & validation of information about Industry / Organization available for training along with capacity.	Upto 15 th April, 2023
2	Submission of Information of Industry / Organization available for training along with capacity and its confirmation.	Through Online Upto 15 th April, 2023
3	Student & mentor allocation as per the slot available for Industrial training. (Desirable mentor student ratio is 1:15)	Upto 30 th April, 2023
4	Obtaining consent letter from parents / guardian.	Upto 15 th May, 2023

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5	Student enrollment for Industrial training (Mapping)	Upto 20 th May, 2023
6	Issue letter to the Industry / Organization for the training along with detail of students & mentors.	Upto 25 th May, 2023
7	Duration of Training	07 th June - 22 July, 2023
8	Mentor to carry out progressive assessment of the students during the industrial training.	Each Week of Training
9	Training assessment by mentor along with Industry / organization expert as external examiner.	Within two weeks after completion of Training
10	Submission of marks of Industrial training.	At the end of fifth sem. (on making availability of e-marksheet link)

नवीन Industry Registration साठी मंडळाच्या Website वर Important Link मध्ये उपलब्ध 'I' Scheme Implementation tab वर Institute Login मध्ये Industry registration form उपलब्ध आहे. सदर Form ची Print घेऊन आपल्या परिसरातील Industries/Service Centers/ शासकीय कार्यालये / निमशासकीय कार्यालये / खाजगी उद्योगधंदे इत्यादी ज्यामध्ये विद्यार्थी सहा आठवड्यांचे Industrial Training घेऊ शकतील अशी माहिती असून याची सदर Industry Registration Form संस्थांनी मंडळाच्या Website वर त्यांच्या Login द्वारे online upload करावेत. या आणंदर Registered असलेल्या Industry चा संस्था स्तरावर आढावा घेऊन नंतर निश्चिती करावी (Review & Confirm). Registration नंतर सर्व Industries कडून 'Consent Letter' घेऊन ते Upload करणे अनिवार्य राहिल. त्यानंतर संबंधित विभागीय कार्यालयांमार्फत अशा Industries ना मान्यता देण्यात येईल.

Industrial Training चे आयोजन करण्याची जबाबदारी संस्थांप्रमुखांची राहिल. Training आयोजनाबाबत काही अडचणी असल्यास त्यांच्या जिल्हास्तरीय Industrial Training Committee, Hub Institute, Hub Industry व मंडळाच्या संबंधित विभागीय कार्यालयाशी संपर्क साधावा. संस्था प्रमुखांनी सर्व विद्यार्थ्यांचे Industrial Training करिता Placement असल्यास केव्हाही झाल्यानंतर, संस्थेच्या Letter head वर त्याबाबतचे प्रमाणपत्र मंडळाच्या Website वर Scan करून Upload करावे.

मंडळामार्फत 'I' Scheme मध्ये प्रविष्ट सर्व विद्यार्थ्यांच्या Micro-Project व Industrial Training च्या अंमलबजावणीसाठी मार्गदर्शक तत्वे व मूल्यांकन पद्धत 'Micro Project & Industrial Training Assessment Manual' द्वारे उपलब्ध करून देण्यात आलेले आहेत. सदर Manual मध्ये Industrial Registration Form, पालकांचे संमती पत्र, mentor allocation व मूल्यांकन formats इत्यादी समाविष्ट करण्यात आलेले आहेत. वेगवेगळ्या संस्थांकडून एकाच Industry चे वारंवार registration होऊ नये म्हणून Industry Registration ला विभागीय कार्यालयाद्वारे validate करण्यात येईल.

सर्व संबंधित संस्थांप्रमुखांना 'I' Scheme अभ्यासक्रमामधील विद्यार्थ्यांकरीता औद्योगिक प्रशिक्षणाच्या यशस्वी आयोजनाबाबत उपरोक्त नुसार कार्यवाही करण्याकरिता निर्देशित करण्यात येत आहे.

(डॉ. महेंद्र रा. चितलगे)

सचिव

म. रा. तंत्र शिक्षण मंडळ, मुंबई

प्रत माहितीकरिता:

मा. संचालक, म.रा. तंत्र शिक्षण मंडळ, मुंबई.

प्रत माहिती व उचित कार्यवाहीकरिता.

उपसचिव, म. रा. तंत्र शिक्षण मंडळ, विभागीय कार्यालय, नागपूर, औरंगाबाद, पुणे व मुंबई

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SHUBHRA INDUSTRIES
Plot No. A-116
INDAPUR MIDC

Industry Profile Registration

Institute Code	0994
Institute Name	S.T.E.T. (Poly), Paniv
Institute Address	A.P. Paniv, Tal. Maishiras,
Name of Company	Shubhra Industries (Shubhra)
Address of Company	Plot No. A-116, Indapur MIDC
Email Address of Company	info@shubhracables.com
Contact Number of Company	8411004683 / 8007770583
Pin Code of Company	413132
Location Details	Plot No. A-116, Indapur MIDC, Dist. Pune
Enter Area of Specialization of Company	Wire & Cable manufacturing
Name of Contact Person	Ms. Ashwini M. D. Tange
Designation of Contact Person	Managing Director
Email of Contact Person	info@shubhracables.com
Contact Number of Contact Person	8411004683
Type of Product	Service Industry/Manufacturing Industry
Type of Control	Government/PSU/Private
Type of Company	Large Scale/Medium Scale/Small Scale
Total Number of Employees in Company	15
Region in which company reside	Mumbai/Pune/Nagpur/Aurangabad/Nashik/Amravati
Whether willing to offer industrial training facility during May/June for Diploma in Engineering Students	Yes/No
Whether company offer 6 weeks training?	Yes/No

Programme	Civil Engineering Group	Mechanical Engineering Group	Electrical Engineering Group	Computer/IT Engineering Group	Electronics Engineering Group	Chemical Engineering Group	Textile Engineering Group	Instrumentation Engineering Group	Other	Total
Male		58	70		21					149
Female		01	10		13					24
Total		59	80		34					173

SHUBHRA INDUSTRIES
Plot No. A-116
INDAPUR MIDC

Seal & Signature of Industry Person

SHUBHRA INDUSTRIES
SHUBHRA CABLES
UAN MH26B0042040
Plot No A-116, Indapur MIDC, Dist-Pune - 413132

Outward No. SI / 202 -202 / 104 Date : 24/07/24

To,
Principal,
Shriram Institute Of Engineering & Technology (Poly), Paniv,
Taluka - Maishiras, Dist - Solapur - 413113.

We are writing to express our sincere gratitude for sending your students to our organization for industrial training. We appreciate the opportunity to collaborate with your department and provide practical training to your students.

The students you sent were enthusiastic, hardworking, and eager to learn. They demonstrated a high level of professionalism and were an asset to our team during their training period. We were impressed with their skills and knowledge, and they showed great potential in their respective fields.

The industrial training program has benefited both our organization and your students. It has given us the opportunity to share our expertise and experience with the next generation of professionals, while also providing your students with valuable hands-on experience and exposure to the industry.

We look forward to continuing our collaboration with your department and welcoming more students for industrial training in the future.

Thank you once again for your support and cooperation.

SHUBHRA INDUSTRIES
Plot No. A-116 Indapur MIDC

Shubhra Industries
Plot No. A-116
Indapur MIDC

Head Office : Shubhra Industries (Mulay Niwas), Swarupnagar, Post. Yashwanthnagar-Akluj - 413118
Factory Location : Plot No A-116, Indapur MIDC, Dist-Pune - 413132
8007770583 www.shubhracables.com info@shubhracables.com, ework2021@gmail.com

Format 3

The HR Manager,
Shree Samarth Enterprises
A/P. Pilliv, Tal-Mahhiras, Dist-Solapur, 413310

Subject: Placement for Industrial training of 6 weeks in your organization....

Reference: Industry profile registration form and telephonic discussion.

Sir/Madam,
With reference to the above we are honored to place the following students from this institute for Industrial training in your esteemed organization as per the arrangement arrived at Diploma programme in **ELECTRICAL ENGINEERING**.

Sr.No	Enrollment No.	Name of Student	Faculty Mentor with Mobile No.
1	2209940148	ARJUN SHIVAM ASHOK	Mr.Chougule S.G (7709507136)
2	2209940149	ATHAWALE PRASAD DEVANAND	
3	2209940150	BHAGAT HARSHAD BALKRUSHNA	
4	2209940151	BHANAVASE NIKHIL SANJAY	
5	2209940152	BIDKAR MADHURA SAMADHAN	
6	2209940153	BORKAR AMOL BALASO	
7	2209940154	CHAVAN SAMRATH MAHESH	
8	2209940155	CHAVAN SHIVTEJ PINTU	
9	2209940156	DESHMUKH SAMIKSHA DIPAK	
10	2209940158	DEVKATE NILESH HANUMANT	
11	2209940159	DEVKATE PRABHU RAMCHANDRA	
12	2209940161	DHERE NISHANT NAVNATH	
13	2209940162	DUDHE ANIKET RAJENDRA	
14	2209940163	DURAPE RAJ SUNIL	
15	2209940164	FATE PRASAD SHANKAR	Ms.Mohite N.S (7083617441)
16	2209940165	GADE KAPIL SUNIL	
17	2209940166	GAIKWAD AVINASH DEEPAK	
18	2209940167	GAVALI SIDDHESHWAR SANTOSH	
19	2209940169	GORAD TATYA BRAMHADEV	
20	2209940172	INGAWALE DESHMUKH UTKARSH DEVIDAS	
21	2209940173	JADHAV NISARGRAJ KISHOR	
22	2209940174	JADHAV SHUBHAM RAJKUMAR	
23	2209940175	KADAM PRASAD SHAHAJI	
24	2209940176	KAMBLE SHUBHAM YASHWANT	
25	2209940179	KHARAT PRATIK BHOJRAJ	
26	2209940181	KORBU HAJRATADIL KARIM	
27	2209940182	KOTHAVALE SHUBHAM ANIL	
28	2209940183	KUMBHAR DNYANESHWAR SHRIRAM	
29	2209940186	LONDHE RITESH RAMFISH	
30	2209940189	MASAL OMKAR SURESH	

ndly do the needful and other
Thanking you,

Principal
Shree Samarth Enterprises
A/P. Pilliv, Tal-Mahhiras, Dist-Solapur, 413310

31	2209940190	MASAL TUKARAM LAXMAN	Mr.Patil S.B (8308602080)
32	2209940191	MASHAL MAHESH DATTATRAY	
33	2209940192	MASKE YOGESH VISHNU	
34	2209940193	MORE AKASH HANUMANT	
35	2209940194	MORE ASHISH RAJENDRA	
36	2209940195	MOTE VIKAS ASHOK	
37	2209940196	MUJAWAR MUSKAN SAMIR	
38	2209940198	MUNJE PRASHANT ABASO	
39	2209940199	PARADE YASHRAJE DAMU	
40	2209940200	PATIL ROHIT BABASAHEB	
41	2209940201	RANANAVARE TUSHAR BALASAHEB	
42	2209940202	RAUT SAURABHA RAJENDRA	
43	2209940205	TARANGE KAUSTUBH RAMESH	
44	2209940206	THAVARE SHANKAR BHIMRAO	
45	2209940207	THORAT SANKET DHANAJI	
46	2209940208	TORAVE MILIND APPASO	Mr.Kale M.D (9049204999)
47	2209940210	WAGHMODE SHIVPRASAD ARJUN	
48	2209940211	WAGHMODE SHUBHAM ASHOK	
49	2209940214	YADAV VIRAJ MILIND	
50	2209940275	PAWAR SAMARTH PANDURANG	
51	2209940168	GORAD NANASAHEB APPARAO	
52	2209940212	WAGHMODE VISHAL AABA	
53	2209940184	LOKHANDE OMKAR SUKHADEV	
54	23212330287	DOLTADE VISHAL ANIL	
55	23212330289	PANDHARE ANUP DATTATRAY	
56	23212330282	AYARE GANESH SANTOSH	
57	23212330302	SHINDE RAVIRAJ DURYODHAN	
58	23212330286	THAWARE GANESH TATYA	
59	23212330284	SURVASE VAIBHAV HANUMANT	
60	23212330281	AYARE SHAMBHURAJE MAHADEV	Mr.Salunkhe S.H (9623560389)
61	23212330283	KOKATE SUPRIYA VASANT	
62	23212330280	CHAVARE VISHAL BAPUSO	
63	23212330285	WAGHAMODE ROHIT BAPURAO	
64	23212330290	VAJALE PRADNYANAND VIVEKANAND	
65	23212330296	GOPHANE OM SITARAM	
66	23212330293	LAVATE SUMIT DATTATRAY	
67	23212330301	SAYYAD SOHEL AYUB	
68	23212330288	THORAT SHUBHAM PANDURANG	
69	23212330295	PISE PANKAJ PRAKASH	
70	23212330297	SATPUTE ROHAN CHANDRAKANT	
71	23212330292	SHINDE DINESH BALU	
72	23212330300	SAYYAD MUBIN ABDULRAHIM	
73	23212330291	POTE SUYASH SANJAY	
74	23212330294	WAGHMODE NIKITA BALASO	
75	23212330299	GAIKWAD AMRUTA ANANTRAV	
76	23212330298	KOKATE VAISHNAVI VASANT	

ndly do the needful and other
Thanking you,

Principal
Shree Samarth Enterprises
A/P. Pilliv, Tal-Mahhiras, Dist-Solapur, 413310

E. Post training/ internship Assessment (10)

Institute Marks

10.00

E. Post training/internship Assessment(10)

- Industry Internship / Training- Prior to the internship or training students are briefed about the training and the asked to submit report after the completion. This is evaluated on the predefined criteria.
- From academic year 2018-19 these internships are assessed and have a weightage of 150 marks in term end exam of 5th semester.
- Students prepare training report containing organizational structure, type of product, major equipment/machines, manufacturing process used, material handling equipment, and safety procedures.
- The student is assessed by mentor faculty during each week of training.
- Students are also assessed by industry supervisors and external examiner during term end exam.

Maharashtra State Board Of Technical Education, Mumbai
 Shriram Shikshan Sanstha's
 Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
 Electrical Engg. Department

Format - 4

Academic Year :- 2023-24
 Industrial Training
 Semester :- Fifth

Program :- EESI
 Course Code :- 22049
 Name of Faculty :- Mr Chingule S.G.

Roll No.	Enrolment No.	Exam. Seat No.	Name of student	Marks (5 marks for each week) by Mentor & Industry Supervisor jointly							PA marks by Industry Supervisor	PA marks by Mentor Faculty	Total Marks			
				Out of 35 (A)										Out of 25 (B)	Out of 20 (C)	Out of 75 (A+B+C)
				Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Total						
20	2209940148		ARJUN SHIVAM ASHOK	4	4	4	4	4	4	24	24	19	67			
	2209940149		ATHAWALE PRASAD DEVANAND	4	4	4	4	4	4	24	23	19	66			
	2209940150		BHAGAT HARSHAD BALKRUSHNA	4	4	4	4	4	5	25	24	20	69			
	2209940151		BHANAVASE NIKHIL SANJAY	4	4	4	4	4	4	24	23	19	66			
5	2209940152		BIDKAR MADHURA SAMADHAN	5	5	5	5	5	5	30	24	17	72			
6	2209940153		BORKAR AMOL BALASO	5	5	5	5	5	4	29	24	17	71			
7	2209940154		CHAVAN SAMRATH MAHESH	5	5	4	4	4	4	26	24	20	70			
8	2209940155		CHAVAN SHIVTEJ PINTU	4	4	4	4	4	4	24	23	19	66			
9	2209940159		DEVKATE PRABHU RAMCHANDRA	4	4	4	4	4	4	24	23	19	66			
10	2209940161		DHERE NISHANT NAVNATH	5	5	4	4	4	4	26	24	20	70			
11	2209940162		DUDHE ANIKET RAJENDRA	5	4	4	4	4	4	25	24	19	68			
12	2209940163		DURAPE RAJ SUNIL	4	4	4	4	4	4	24	23	19	66			
13	2209940164		FATE PRASAD SHANKAR	5	4	4	4	4	4	25	24	19	68			
14	2209940165		GADE KAPIL SUNIL	4	4	4	4	4	4	24	23	19	66			
15	2209940166		GAIKWAD AVINASH DEEPAK	4	4	4	4	4	4	24	22	19	65			
16	2209940167		GAVALI SIDDHESHWAR SANTOSH	4	4	4	4	4	4	24	23	19	66			
17	2209940169		GORAD TATYA BRAMHADEV	5	4	4	4	4	4	25	23	19	67			
18	2209940172		INGAWALE DESHMUKH UTKARSH DEVIDAS	5	4	4	4	4	4	25	24	19	68			
19	2209940173		JADHAV NISARGRAJ KISHOR	4	4	4	4	4	4	24	23	19	66			
20	2209940174		JADHAV SHUBHAM RAJKUMAR	4	4	4	4	4	4	24	22	19	65			
21	2209940175		KADAM PRASAD SHAHAJI	5	4	4	4	4	4	25	23	19	67			
22	2209940176		KAMBLE SHUBHAM YASANT	5	4	4	4	4	4	25	23	19	68			
23	2209940177		KORBUHAIRATADIL KARIM	4	4	4	4	4	4	24	23	19	66			

24	2209940182	KOTHAVALE SHUBHAI NIL	4	4	4	4	4	4	24	23	19	66
25	2209940183	KUMBHAR DNYANESHWAR SHRURAM	5	4	4	4	4	4	25	24	19	68
26	2209940185	LONDHE RITESH RAMESH	4	4	4	4	4	4	24	24	19	67
27	2209940189	MASAL OMKAR SURESH	5	4	4	4	4	4	25	24	19	69
28	2209940190	MASAL TUKARAM LAXMAN	4	4	4	4	4	4	24	24	19	67
29	2209940191	MASHAL MAHESH DATTATRAY	4	4	4	4	4	4	24	23	19	66
30	2209940192	MASKE YOGESH VISHNU	4	4	4	4	4	4	24	24	19	67
31	2209940193	MORE AKASH HANUMANT	5	5	4	4	4	4	26	24	19	69
32	2209940194	MORE ASHISH RAJENDRA	4	4	4	4	4	4	24	24	19	67
33	2209940195	MOTE VIKAS ASHOK	5	5	4	4	4	4	26	24	19	69
34	2209940196	MUJAWAR MUSKAN SAMIR	5	5	5	5	5	5	30	24	18	73
35	2209940198	MUNJE PRASHANT ABASO	5	5	4	4	4	4	25	24	19	69
36	2209940199	PARADE YASHRAJE DAMU	5	4	4	4	4	4	25	24	19	68
37	2209940200	PATIL ROHIT BABASAHEB	5	5	5	4	4	4	27	24	19	71
38	2209940201	RANANA VARE TUSHAR BALASAHEB	5	5	4	4	4	4	26	24	19	69
39	2209940202	RAUT SAURABHA RAJENDRA	5	4	4	4	4	4	25	24	19	68
40	2209940205	TARANJE KAUSTUBH RAMESH	4	4	4	4	4	4	24	24	19	67
41	2209940206	THAVARE SHANKAR BHIMRAO	4	4	4	4	4	4	24	23	19	66
42	2209940207	THORAT SANKET DHANAJI	4	4	4	4	4	4	24	23	19	65
43	2209940208	TORAVE MILIND APPASO	4	4	4	4	4	4	24	23	19	68
44	2209940210	WAGHMODE SHIVPRASAD ARJUN	5	4	4	4	4	4	25	24	19	67
45	2209940214	YADAV VIRAJ MILIND	4	4	4	4	4	4	24	24	19	67
46	2209940275	PAWAR SAMARTH PANDURANG	4	4	4	4	4	4	24	23	19	66
47	2209940168	GORAD NANASAHEB APPARAO	4	4	4	4	4	4	24	24	19	67
48	2209940212	WAGHMODE VISHAL AABA	4	4	4	4	4	4	24	23	19	66
49	2209940184	LOKHANDE OMKAR SUKHADEV	4	4	4	4	4	4	24	24	19	67
50	23212330287	DOLTADE VISHAL ANIL	4	4	4	4	4	4	24	23	19	65
51	23212330289	PANDHARE ANUP DATTATRAY	5	4	4	4	4	4	25	24	19	68
52	23212330302	SHINDE RAVIRAJ DURYOD N	5	5	5	4	4	4	25	24	19	68
53	23212330286	THAWARE GANESH TATYA	5	5	5	4	4	4	25	24	19	68

54	23212330284	SURVASE VAIBHAV HANUMANT	4	4	4	4	4	4	24	23	19	66
55	23212330281	AYARE SHAMBHURAJE MAHADEV	5	4	4	4	4	4	25	23	19	67
56	23212330283	KOKATE SUPRIYA VASANT	5	5	4	4	4	4	26	24	20	70
57	23212330290	CHAVARE VISHAL BAPUSO	5	4	4	4	4	4	25	24	20	69
58	23212330285	WAGHMODE ROHIT BAPURAO	5	4	4	4	4	4	25	24	19	68
59	23212330296	GOPHANE OM SITARAM	5	4	4	4	4	4	25	23	19	67
60	23212330293	LAVATE SUMIT DATTATRAY	4	4	4	4	4	4	24	23	19	66
61	23212330301	SAYYAD SOHEL AYUB	4	4	4	4	4	4	24	23	18	65
62	23212330288	THORAT SHUBHAM PANDURANG	4	4	4	4	4	4	24	23	19	66
63	23212330295	PISE PANKAJ PRKASH	5	4	4	4	4	4	25	23	19	67
64	23212330297	SHPUTE ROHAN CHANDRAKANT	4	4	4	4	4	4	24	23	19	65
65	23212330292	SHINDE DINESH BALU	5	4	4	4	4	4	25	23	19	67
66	23212330300	SAYYAD MUBIN ABOLRAHIM	4	4	4	4	4	4	24	23	19	65
67	23212330291	POTE SUYASH SANJAY	5	4	4	4	4	4	25	23	19	67
68	23212330294	WAGHMODE NIKITA BALASO	5	5	5	4	4	4	28	24	19	71
69	23212330298	KOKATE VAISHNAVI VASANT	5	5	4	4	4	4	26	24	19	69

Name & Designation of the Master Faculty

M. Chaudhary SG

Name & Designation of the Industry Supervisor



Shubhra Industries
Plot No. A-116
Indapur MIDC

Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Pvt.), Paniv (0994)
A/P-Paniv, Tal-Mahabir, Dist-Solapur, Pin-413113 (Maharashtra)
Website: www.sieipaniv.org, Email: sieipoly@gmail.com

Department: Electrical Engineering
Academic Year: 2023-24
Subject: Industrial Training (22049)
Inst. Code: 0994

Consolidated Format For PR-ESE of Industrial Training

Roll No.	Enrolment No.	Exam. Seat No.	Name of student	Name of Industry	Total Marks (75 Marks) As per Format 5
1	2209940148		ARJUN SHIVAM ASHOK		68
2	2209940149		ATHAWALE PRASAD DEVANAND		67
3	2209940150		BHAGAT HARSHAD BALKRUSHNA	Shubhra Industries	72
4	2209940151		BHANAVASE NIKHIL SANJAY	Shubhra Industries	70
5	2209940152		BIDKAR MADHURA SAMADHAN		72
6	2209940153		BORKAR AMOL BALASO		72
7	2209940154		CHAVAN SAMRATH MAHESH		71
8	2209940155		CHAVAN SHIVTEJ PINTU		70
9	2209940159		DEVKATE PRABHU RAMCHANDRA		65
10	2209940161		DHERE NISHANT NAVNATH		70
11	2209940162		DUDHE ANIKET RAJENDRA		67
12	2209940163		DURAPE RAJ SUNIL		66
13	2209940164		FATE PRASAD SHANKAR		70
14	2209940165		GADE KAPIL SUNIL		69
15	2209940166		GAIKWAD AVINASH DEEPAK		68
16	2209940167		GAVALI SIDDHESHWAR SANTOSH		67
17	2209940169		GORAD TATYA BRAMHADEV		65
18	2209940172		INGAWALE DESHMUKH UTKARSH DEVIDAS		70
19	2209940173		JADHAV NISARGRAJ KISHOR		68
20	2209940174		JADHAV SHUBHAM RAJKUMAR		67
21	2209940175		KADAM PRASAD SHAHAJI		68
22	2209940176		KAMBLE SHUBHAM YASHWANT		67
23	2209940181		KORBU HAJRATADIL KARIM		68
24	2209940182		KOTHAVALE SHUBHAM ANIL		67
25	2209940183		KUMBHAR DNYANESHWAR SHRIRAM		68
26	2209940186		LONDHE RITESH RAMESH		68
27	2209940189		MASAL OMKAR SURESH		67
28	2209940190		MASAL TUKARAM LAXMAN		66
29	2209940191		MASHAL MAHESH DATTATRAY		66
30	2209940192		MASKE YOGESH VISHNU		65
31	2209940193		MORE AKASH HANUMANT		66
32	2209940194		MORE ASHISH RAJENDRA		67
33	2209940195		MOTE VIKAS ASHOK		68
34	2209940196		MUJAWAR MUSKAN SAMIR		73

35	2209940198		MUNJE PRASHANT ABASO		66
36	2209940199		PARADE YASHRAJE DAMU		67
37	2209940200		PATIL ROHIT BABASAHEB		71
38	2209940201		RANANAVARE TUSHAR BALASAHEB		69
39	2209940202		RAUT SAURABHA RAJENDRA	Shubhra Industries	68
40	2209940205		TARANJE KAUSTUBH RAMESH	Shubhra Industries	66
41	2209940206		THAVARE SHANKAR BHIMRAO		65
42	2209940207		THORAT SANKET DHANAJI		67
43	2209940208		TORAVE MILIND APPASO		66
44	2209940210		WAGHMODE SHIVPRASAD ARJUN		69
45	2209940214		YADAV VIRAJ MILIND		67
46	2209940275		PAWAR SAMARTH PANDURANG		67
47	2209940168		GORAD NANASAHEB APPARAO		66
48	2209940212		WAGHMODE VISHAL AABA		68
49	2209940184		LOKHANDE OMKAR SUKHADEV		67
50	23212330287		DOLTADE VISHAL ANIL		66
51	23212330289		PANDHARE ANUP DATTATRAY		67
52	23212330302		SHINDE RAVIRAJ DURYODHAN		68
53	23212330286		THAVARE GANESH TATYA		70
54	23212330284		SURVASE VAIBHAV HANUMANT		68
55	23212330281		AYARE SHAMBHURAJE MAHADEV		66
56	23212330283		KOKATE SUPRIYA VASANT		70
57	23212330280		CHAVARE VISHAL BAPUSO		68
58	23212330285		WAGHMODE ROHIT BAPURAO		67
59	23212330296		GOPHANE OM SITARAM		66
60	23212330293		LAVATE SUMIT DATTATRAY		67
61	23212330301		SAYYAD SOHEL AYUB		68
62	23212330288		THORAT SHUBHAM PANDURANG		68
63	23212330295		PISE PANKAJ PRAKASH		67
64	23212330297		SATPUTE ROHAN CHANDRAKANT		66
65	23212330292		SHINDE DINESH BALU		65
66	23212330300		SAYYAD MUBIN ABDULRAHIM		67
67	23212330291		POTE SUYASH SANJAY		68
68	23212330294		WAGHMODE NIKITA BALASO		72
69	23212330298		KOKATE VAISHNAVI VASANT		69

Total Candidates Present:- 69
Sign - *[Signature]*
Name & Designation Internal/Mentor
Mr. Chaugule S.P.

Total Candidates Absent:- 0
Sign -
Name & Designation External/Industry Ex

Plot No. A - 116 Indapur MIDC
SHUBHRA INDUSTRIES

Shubhra Industries
Plot No. A - 116
Indapur MIDC

Fig 2.2.5 E : proforma for progressive assessment and end semester assessment of industrial training batches.

Format 4**Evaluation Sheet for PA of Industrial Training**

Academic year: - 20 - 20

Name of the industry:

Sr. No.	Enrollment Number	Name of student	Marks (5 marks for each week) by Mentor & Industry Supervisor jointly	PA Marks by Industry Supervisor	PA Marks by mentor faculty	Total Marks
			Out of 30 (A)	Out of 25 (B)	Out of 20 (C)	Out of 75 (A)+(B)+(C)

A) Marks for PA are to be awarded out of 5 for each week considering the level of completeness of activity observed, from the daily diary maintained.

B) Marks are to be awarded by Industry Supervisor on the basis of General Observation and behavioral aspects of student.

C) Marks are to be awarded by Mentor faculty on the basis of report, understanding level and work performance of the student.

Signature-

Signature-

Name and designation of the Mentor/faculty

Name and designation of the Industry Supervisor

Format 5**Evaluation Sheet for ESE of Industrial Training by Mentor and Industry Personnel**

Name of Student: Enrollment No.

Name of Programme: Semester:

Course Title :- Industrial Training Code:

Name of Industry:

Course Outcomes Achieved

.....

.....

.....

.....

Industrial Training Report (25 Marks)	Presentation (25 Marks)	Viva (25 Marks)	Total Marks (75 Marks)

**Comments/Suggestions about team work/leadership/inter-personal communication
(if any)**

.....

.....

.....

Signature-

Name of the Internal/Mentor

Signature-

Name of External Examiner
(Industry Personnel)

semester assessment of industrial training.

Fig 2.2.5 E : MSBTE Proforma for progressive assessment and end

**Weekly Diary
For
Industrial Training
At**

Name of Industry:- Shubhra Industries- Shubhra Cables Plot No A-116 Indapur MIDC From:
-03- June- 2024 to: - 08- June- 2024

Name of Supervisor/Faculty:- Mr. Dirange M.H. & Mr. Naiknavare M.V.

Designation of Supervisor/Faculty:- Solunkhe S.H

Name of Student:- Waghmode Nikita Balaso

Enrolment Number:- 23212350294

Branch of Engineering:- Electrical Engineering

Name of Polytechnic:- Shriram Institute of Engineering
and Technology (Poly.), Paniv

Special Instruction to Students:-

- 1) Write Down The Daily Activity On The Same Day
- 2) Make Note of The Important Actual Activity/ies only.
- 3) Summarize At The Week End.
- 4) Add Extra Sheet If Needed For Daily Or Weekly :Activity

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Week-(1): From:-03 June 2024 to:-08 June 2024

Day	Activities Carried Out
1	On first day at [Shubhra Cable Industries], I was warmly welcomed by the team. I attended orientation sessions where I learned about company policies, safety protocols, and the organizational structure. In the afternoon, I began familiarizing myself with the software tools and systems used in the department.
2	- Overview of the PVC Cable manufacturing process - Compounding - Extrusion. Covered above point on morning session. I attended a departmental meeting where upcoming deadlines and project milestones were discussed. I was encouraged to ask questions and contribute ideas, which made me feel like an integral part of the team.
3	Day-3 Covered Following Point- PVC Materials and Properties: • PVC is a thermoplastic polymer widely used due to its excellent electrical insulation properties and chemical resistance. • It can be formulated with additives such as plasticizers, stabilizers, and fillers to enhance flexibility, UV resistance, and flame retardancy. • PVC materials are categorized based on their hardness (flexible or rigid) and their applications range from wires and cables to pipes, flooring, and medical devices.
4	Day-4 Cable Industry Technology: • The technology used in PVC cable manufacturing includes extrusion, where PVC compounds are melted and shaped around conductors to form cables. • Advanced machinery like extruders and crosshead dies are used to achieve precise cable dimensions and insulation thickness. • Automation and quality control systems ensure consistent production standards, including electrical testing, diameter measurement, and jacketing processes.
5	Day-5 Market Trends and Innovations: • The PVC cable industry is influenced by trends towards sustainable materials and energy-efficient technologies. • Innovations include the development of PVC compounds with enhanced fire resistance and lower environmental impact. • Digitalization and smart manufacturing technologies are also transforming production processes, improving efficiency and product quality.
6	Day-6 Challenges and Future Outlook: • Challenges in the industry include regulatory compliance with environmental standards and the need for continuous innovation to meet evolving customer demands. • The future outlook for the PVC cable manufacturing industry is optimistic, driven by infrastructure development, renewable energy projects, and advancements in telecommunications.

Summarized At The Week End:

- This week has been filled with learning opportunities and hands-on experiences. The PVC cable manufacturing industry plays a crucial role in the production of essential wiring solutions for various sectors. PVC (Polyvinyl Chloride) cables are known for their durability, flexibility, and electrical insulation properties, making them indispensable in electrical and communication networks worldwide. This introduction aims to explore the key aspects of the PVC cable manufacturing industry, including its processes, applications, and significance in modern infrastructure development.

Signature of Students:- Nikita Signature of Mentor:- Dirange

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Week-(2): From:-10 June 2024 to:-15 June 2024

Day	Activities Carried Out
1	Day-1: Cable Design and Engineering: Design Phase: Engineers start by defining the cable's specifications based on its intended application (e.g., power transmission, data communication). Factors considered include voltage rating, conductor material (e.g., copper, aluminum), insulation type (e.g., PVC, XLPE), and shielding requirements. Engineering Considerations: Designers calculate electrical parameters like impedance and capacitance to ensure the cable meets performance standards. Mechanical aspects such as flexibility and tensile strength are also optimized. Simulation and Prototyping: Advanced software allows engineers to simulate cable performance under different conditions (temperature, load) and create prototypes for testing before full-scale production.
2	Day-2: Manufacturing Process: Material Preparation: Raw materials like copper or aluminum for conductors and polymers for insulation are processed and prepared. Extrusion: The prepared materials are fed into extruders where they are melted and formed into the desired cable shape with layers of insulation, shielding, and jacketing. Cabling and Stranding: Multiple insulated conductors may be twisted together (stranding) to form multi-core cables, enhancing flexibility and reducing electromagnetic interference. Armoring and Sheathing: Some cables undergo additional processes such as armoring (metallic layer for mechanical protection) and sheathing (outer protective layer) depending on environmental and mechanical requirements. Testing and Quality Control: Throughout production, cables undergo rigorous testing for electrical properties (e.g., insulation resistance, voltage withstand), mechanical durability, and compliance with industry standards.
3	Latest Technology in the Industry: Smart Cables: Integration of sensors and data communication capabilities with cables for real-time monitoring of conditions like temperature and strain. Environmentally Friendly Materials: Development of cables using materials with reduced environmental impact, such as bio-based polymers and recyclable materials. High-Speed Data Transmission: Advancements in fiber optics and twisted pair cables for higher bandwidth and faster data transfer rates, supporting technologies like 5G and IoT. Automation and Robotics: Increasing use of automation in cable manufacturing to improve precision, efficiency, and reduce labor costs. Energy Efficiency: Innovations in cable design to minimize power losses during transmission, contributing to energy conservation and sustainability goals.
4	Market Trends and Innovations: Customization and Miniaturization: Growing demand for customized cables tailored to specific applications and smaller form factors for compact electronic devices. Integration with Renewable Energy: Cables designed to withstand harsh environmental conditions in renewable energy projects like solar and wind farms. Regulatory Compliance: Adapting to evolving safety and environmental regulations to ensure product compliance and market acceptance.
5	Challenges and Future Outlook: Cost Pressures: Balancing cost-effective production with maintaining high-quality standards amidst fluctuating raw material costs. Technological Convergence: Convergence of cable technology with advancements in electronics and telecommunications, driving interdisciplinary innovation. Global Supply Chain Dynamics: Managing supply chain disruptions and geopolitical uncertainties affecting raw material availability and manufacturing operations. Emerging Markets: Opportunities in emerging economies for infrastructure development and expansion of telecommunication networks, driving demand for advanced cable solutions.

Week-(3): From:-18 June 2024 to:-15 June 2024

Day	Activities Carried Out
1	Day 1: Introduction to Machinery and Equipment - Definition and classification of machinery. - Importance of machinery in various industries (manufacturing, construction, agriculture, etc.). - Historical development and evolution of machinery. - Basic principles of operation: mechanical, hydraulic, pneumatic, and electrical systems.
2	Day 2: Types and Applications of Machinery - Overview of different types of machinery: heavy machinery (e.g., excavators, bulldozers), precision machinery (e.g., CNC machines, 3D printers), industrial robots. - Specific applications in industries such as automotive, aerospace, pharmaceuticals, and food processing. - Case studies highlighting the role of machinery in enhancing productivity and efficiency.
3	Day 3: Technologies in Modern Machinery - Advancements in machinery technology: computer numerical control (CNC), automation, Internet of Things (IoT), artificial intelligence (AI). - Impact of digitalization and smart technologies on machinery performance and operations. - Examples of integrated systems and sensor-based technologies improving accuracy and reliability.
4	Day 4: Design and Engineering Principles - Design considerations in machinery: functionality, ergonomics, safety, and environmental impact. - Engineering aspects: material selection, structural design, fluid dynamics, and heat transfer. - Role of CAD (Computer-Aided Design) and simulation software in machinery design optimization.
5	Day 5: Maintenance, Safety, and Sustainability - Importance of maintenance programs: preventive vs. corrective maintenance, predictive maintenance techniques. - Safety protocols for machinery operation: training requirements, risk assessment, protective measures. - Sustainable practices in machinery: energy efficiency, resource conservation, and recycling of materials.
6	Each day's lecture can include case studies, practical demonstrations (if feasible), and discussions on current industry trends and challenges. This structured approach provides a comprehensive understanding of machinery and equipment, from fundamentals to advanced technologies and practical applications.

Summarized At The Week End:

Cable design and engineering involve creating efficient and reliable wiring systems tailored to specific needs. Engineers consider factors like voltage requirements, environmental conditions, and safety standards when designing cables. The design process includes selecting appropriate materials such as PVC for insulation, determining conductor size and configuration, and ensuring the overall durability and performance of the cable. This meticulous engineering ensures that cables meet industry standards and provide dependable connectivity for various applications, from household electronics to industrial machinery.

Signature of Students:-

Okita

Signature of Mentor:-

Stacy



Fig 2.2.5 E: Sample Certificate & Photos from Shubhra

Industries (Shubhra Cables) industrial training.

F. Contribution to Community related projects/activities (5)

Institute Marks

5.00

Contribution to Community related projects/activities(05)

Almost all final year projects are application based and some are related to societal development.

1. Water Tank Overflow Electric Sensor System.
2. Electricity Generation System from Wastage.
3. Solar Powered Electric Vehicle Charging system.
4. Automatic Solar Panel Cleaning by Sensing Solar Voltage and Light Luminance.
5. Piezoelectric sensor-based footstep power generation and load.
6. For contribution to Community activities like NSS.
7. Health Check-up Camp.
8. Tree Plantation Program.
9. Road Safety Awareness Program.



Blood Donation Camp

2.2.6 Information Access Facilities and Student Centric Learning Initiatives (15)

Institute Marks

15.00

A. Availability of facilities & Effective Utilization; specify the facilities, materials and scope for self-learning, Webinars, NPTEL Podcast, MOOCs etc (10)

Institute Marks

10.00

A. Availability of facilities & Effective Utilization; specify the facilities, materials and scope for self-learning, Webinars, NPTEL Podcast, MOOCs etc. (10)

Self learning is promoted in the institute by generating various self-learning facilities, material for learning beyond syllabus. the details are as given below:

- **Laboratory:**

The Campus is well connected by Wi-Fi and LAN Facilities.

A laboratory consisting of computer is available to students in the department for self E-learning to the students.

Facility required for downloading books, technical papers, important information helpful for self-learning is made available to students.

- **Digital Library:** Digital library is provided to students in the central library.

Our Institute is registered as a member of National Digital Library through which students will access e-book, video lectures and journals.

- **Industrial visits:** In each semester the institute organize industrial visits, Institute extends financial support facility to all the students for the same.
- **MSBTE Model Answer and e-content:** Students will get previous years and model answers and e- content by visiting MSBTE website links as follows:

Link for Question papers search: <https://msbte.org.in/portal/question-paper-search/>

Link For ModelAnswer: <https://msbte.org.in/portal/Model-answer-search/>

Link for e-content: https://econtent.msbte.edu.in/econtent/econtent_home.php

- **Newspapers:**

National and local newspapers are provided in the library





Newspapers are provided in the library.

B. Student Centric Learning Initiatives & Effective Implementation (5)

Institute Marks

5.00

Student centric Learning initiatives & implementation (05)

The department strives to integrate student centric initiatives such as experiential learning, participatory learning, and problem-solving methods to enhance learning experiences.

- **Experiential Learning:**

Department conducts add-on programs to support students in their experiential learning. Department imparts following experiential learning practices to enhance creativity and cognitive levels of the students.

- Laboratory Sessions are conducted with content beyond syllabus experiments.
- Through Summer Internships, students get hands on training while working in the company.
- Industrial Visits to engage them in experiential learning while visiting the organization.
- E-resources
- Each Faculty member effectively utilizes ICT tools such as Smart board and LCD projectors for teaching.

2.2.7 New Initiatives for embedding Professional Skills (15)

Institute Marks

15.00

A. Employability skill enhancement Initiatives and effective implementation (8)

Institute Marks

8.00

A. Employability skill enhancement Initiatives and effective implementation (08)

Employability skill are the traits and talents that make you an attractive candidate for a job developing employability skills through education, training and applications can gives you an extra edge in the job market for the placement cells.

For developing professional and employability skills of students:

- Various workshops are organized for students to enhanced professional, soft and life skills, Entrepreneurship Development Programs (EDP) etc.
- Experts/ Guest Lecture are organized on career guidance, Entrepreneurship Development etc. to share their experiences among students.
- A course” Entrepreneurship development” Is introduced in the curriculum of EE6I

CAY 2025-26 :

SR. NO.	Activity	Topic	Date	Duration	Recourse Person	Number of Students	Relevance to Pos & PSO
1	Expert Lecture	Auto CAD	04/09/2025	2 Hrs	Mr. Shushant Gitte & Mrs.Priyanka Gitte.	60	PO1, PO3, PO4, PO7, PSO1
2	Expert Lecture	The Future is Electric: Trends & Opportunities in Electrical Enggineering	15/09/2025	2 Hrs	Mr. Mahaling Aasha Bandu Jamdade	120	PO1, PO5, PO7, PSO2, PSO3

CAY m1 2024-25:

SR. NO.	Activity	Topic	Date	Duration	Recourse Person	Number of Students	Relevance to Pos & PSO
1	Expert Lecture	Micro grid Technology	11/10/2024	2 Hrs	Mr.Suryagan Avinash Anil	123	PO1, PO2, PO3, PO4, PO5, PO7,

							PSO1, PSO2
2	Expert Lecture	Future of Electric Vehicles & Conversion of Petrol Vehicle Into Electrical Vehicle.	22/10/2024	2 Hrs	Mr Suraj Sunil Doke	123	PO1, PO2, PO3, PO4, PO5, PO7, PSO1, PSO2

CAY m2 2023-24:

SR. NO.	Activity	Topic	Date	Duration	Recourse Person	Number of Students	Relevance to Pos & PSO
1	Expert Lecture	Alternator & Transformer Protection	16/10/2023	2 Hrs	Mr.Suraj Namdeo Mendale	142	PO1, PO2, PO4, PO5, PSO1
2	Expert Lecture	Future of Electrical Engg through Design Software	28/10/2023	2 Hrs	Mr. Shinde R.R	142	PO1, PO2, PO3, PO4, PO7, PSO1

B. Personality development related Initiatives & effective implementation (7)

Institute Marks

7.00

B. Personality Development Related Initiatives and effective Implementation (07)

Personality Development programs are conducted.

In every semester student-centered activities are conducted.

Students are actively participated in various professional skill/personality development programs resulting in imparting different dimensions to the personality of students.

Guest lecturer and experts lectures to share their experiences among students which are helpful for students

Personality development workshops, experts lecture are regularly conducted for embedding the Professional skills, soft skills and life skills in the students, the topics covered in the workshop include communication skills, leadership skills, group discussion, interview technique to enhance their employability and to bridge the curriculum gap.

CAY 2025-26 :

SR.	Activity	Topic	Date	Recourse Person	Number of Students	Relevance to Pos & PSO
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NO.						
1	Expert Lecture	Financial Aspects Regarding Startup	17/03/2026	Mr. Sachin Khandave, Assistant Manager (Agri Officer) State Bank Of India, Akluj Branch	23	PO1,PO7,PSO1

CAY m1 2024-25:

SR. NO.	Activity	Topic	Date	Recourse Person	Number of Students	Relevance to Pos & PSO
1	Expert Lecture	Personality Development	15-09-2024	Prof. I.I. Mujawar HOD, Electronics Department, Orchid College of Engineering, Solapur	123	PO1,PO7,PSO1

CAY m2 2023-24:

SR. NO.	Activity	Topic	Date	Recourse Person	Number of Students	Relevance to POs & PSO
1.	Motivational Lecture	Students Talks	01-02-2024	Mr.Avinash Bharti	142	PO6, PO7, PSO3
2	Motivational Lecture	“Shur Amhi Vandile”	03-02-2024	Ms.Anagha Modak	142	PO5, PO6, PO7, PSO3

2.2.8 Co-curricular & Extra Curricular Activities (10)

Institute Marks

10.00

Type of activities and relevance

(The institution may specify the co-curricular and extra-curricular activities-Quantify activities such as NSS, and participation in various state/national missions etc.)

With the focus to provide holistic development, which includes social, emotional, physical, mental and intellectual growth, various co- curricular and extracurricular activities are conducted for the students throughout the academic year. The students are given opportunities to take part in Cultural Activities, Sports Activities, Quiz Competitions, Poster Competitions, Paper presentations, and Project presentations at various levels.

Our institute actively encourages students to participate in various technical and non-technical activities for their overall development. The students of our department enthusiastically take part in different events, competitions, workshops, and extracurricular activities conducted both within and outside the institute.

Cultural activities help in enhancing the confidence level of students and motivate them to perform better in various fields. These activities contribute to the overall personality development of students and play an important role in shaping their successful careers.

Cultural activities not only help students to build a strong connection with the university, but also support them in developing their talents in their desired fields. These activities enhance important skills such as organization, presentation, leadership, and interpersonal communication, contributing to the overall growth and personality development of students.

Extracurricular activities help students develop responsibility and effective time management skills. These activities not only improve academic performance but also enhance social interaction and overall personality development. Participation in such activities plays an important role in building confidence, and leadership qualities among students.

Co-curricular Activities:

Various co-curricular activities conducted are as below:

A.Y. 2025-26

Sr. No	Name of Event	Level	No. of Participate	Participation/ Winner/ Runner	Relevance to POs /PSOs/C Os with course code
1	Technical Quiz	National Level	5	Participate	PO1,PO3,PSO1,PSO2
2	Paper Presentation	National Level	7	Participate	PO5,PO6,PO7,PSO2
3	Circuit Sudoku	State Level	14	Participate	PO5,PO6,PO7,PSO2
4	E-Quiz	National Level	4	Participate	PO5,PO6,PO7,PSO2
5	Poster Presentation	State Level	4	Runner-up	PO2,PO3,PO4
6	Electro Extempore	National Level	4	Participate	PO1,PO3,PSO1,PSO2

A.Y. 2024-25

Sr. No	Name of Event	Level	No. of Participate	Participation/ Winner/ Runner	Relevance to POs /PSOs/C Os with course code
1	Technical Quiz	State	12	Participate	PO1,PO3,PSO1,PSO2
2	Paper Presentation	State	10	Participate	PO5,PO6,PO7,PSO2
3	Circuit Sudoku	State	1	Participate	PO5,PO6,PO7,PSO2
4	Poster Presentation	State	5	Winner	PO2,PO3,PO4

A.Y. 2023-24

Sr. No	Name of Event	Level	No. of Participate	Participation/ Winner/ Runner	Relevance to POs /PSOs/C Os with course code
1	Technical Quiz	State	12	Participate	PO1,PO3,PSO1,PSO2
2	Paper Presentation	State	2	Participate	PO5,PO6,PO7,PSO2
3	Roborace	State	2	Participate	PO5,PO6,PO7,PSO2
4	MSBTE Project Competition	State	3	Participate	PO5,PO6,PO7,PSO2
5	Poster Presentation	State	6	Participate	PO2,PO3,PO4

Extracurricular Activities:

CAY 2025-26

Sr. No.	Type of Activity & Details (Sports/ Drama/ Social/ NSS/etc.)	Date/ Year	Name of Participating Student	Organizing Body & Organizing Institute	Awards (Winner /Participati on)	Level(State/ National/ Zonaletc.)	Relevance to POs /PSOs/C Os with course code
1. a. 1	Vollyball	2025-26	Honrao Om Sudhir	Head Quarter at Governement Polytechnic, Pune	Runner-up	Zonal	PO5,PO7

CAY 2024-25

Sr. No.	Type of Activity & Details (Sports/ Drama/ Social/NSS/ etc.)	Date/Year	Name of Participating Student	Organizing Body & Organizing Institute	Awards (Winner / Participati on)	Level (State/ National/ Zonal etc.)	Relevance to POs /PSOs/C Os with course code
a. 1.	Athletics	07/02/2025	Thorat Sanket	Karmyogi polytechnic college, Shelve Pandharpur	Winner	Zonal	PO5, PO7
2.	Athletics	01/03/2025	Thorat Sanket	Samarth Poly, Junner	Winner	Inter- Zonal	PO5, PO7

CAY 2023-24

	Type of						Relevance
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Sr. No.	Activity & Details (Sports/ Drama/ Social/ NSS/etc.)	Date/ Year	Name of Participating Student	Organizing Body & Organizing Institute	Awards (Winner /Participation)	Level (State/ National/ Zonal etc.)	to POs /PSOs/C Os with course code
1. a. 1	Cricket	2023-24	Mulla Aman Jakir	SVERI's College of Engineering (Polytechnic), Pandharpur.	Participated	Zonal	PO5, PO7
2.	Kabaddi	2023-24	Thorat Sanket Dhanaji	Head Quarter at Goveronment Polytechnic,Pune	Runner-up	Zonal	PO5, PO7
3.	Kabaddi	2023-24	Devkate Prabhu Ramchandra	Head Quarter at Goveronment Polytechnic,Pune	Runner-up	Zonal	PO5, PO7
4.	Volleyball	2023-24	Mujawar Imran Shahajan	Head Quarter at Goveronment Polytechnic,Pune	Runner-up	Zonal	PO5, PO7
5.	Wrestling	2023-24	Randive Yash Sudhir	IEDSSA	Participated	Zonal	PO5, PO7
6.	Kho-Kho	2023-24	Arjun Shivam Ashok	IEDSSA	Participated	Zonal	PO5, PO7
7.	Kho-Kho	2023-24	Dhere Nishant Navnath	IEDSSA	Participated	Zonal	PO5, PO7
8.	Wight Lifting	2023-24	Randive Yash Sudhir	IEDSSA	Participated	Zonal	PO5, PO7
9.	Cricket	2023-24	Borkar Amol Balasaheb	IEDSSA	Participated	Zonal	PO5, PO7
10.	Cricket	2023-24	Korbu Hajratadil Karim	IEDSSA	Participated	Zonal	PO5, PO7

Sr. No.	Activity	Relevance to POs
1	Sports Activities (IEDSSA)	PO5, PO7
3	NSS Activities -Tree Plantation - Blood Donation Camp -Womens Health Issues and Care -NSS Camp -Yoga & Meditation	PO5, PO7
4	Azadika Amrit Mahotsav	PO5, PO7
5	Induction Program	PO5, PO7
6	Cultural activities	PO5, PO7
7	Independence day	PO5, PO7
8	Republic Day	PO5, PO7
9	Maharashtra Din	PO5, PO7
10	School Connect Program	PO5, PO7

Importance of Cultural Activity in college:-

1.Cultural activities not only help students to identify themselves with the university, but also assist students to develop themselves in a desired field and also improve skills such as organizational ,presentation, leadership and interpersonal communication.

2. by Brining people together, cultural activities such as festival,fairs,or classes create social social Solidarity and cohesion, fostering social inclusion,Community empowerment,capcity-building and enhancing confidence, civic pride, and tolerance.

Cultural Events:-

CAY 2025-26:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Relevance To PO's
1	Fresher's Party		61	S.I.E.T(Poly), Paniv	PO5,PO7
2	Induction Program me		320	S.I.E.T(Poly), Paniv	PO5,PO7
3	Sarthak 2026	08/01/2026	07	S.I.E.T(Poly), Paniv	PO5,PO7
4	Chh. Sambhaji Maharaj Jayanti	14/05/2026	08	S.I.E.T(Poly), Paniv	PO5,PO7
5	SantGadgebaba Birth Anniversary	23/02/2026	06	S.I.E.T(Poly), Paniv	PO5,PO7
6	Savitribai Phule Death Anniversary	03/01/2026	05	S.I.E.T(Poly), Paniv	PO5,PO7
7	Swami Vivekananda Birth Anniversary	12/01/2026	06	S.I.E.T(Poly), Paniv	PO5,PO7

CAYm1 2024-25:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Relevance To PO's
1	Teacher's Day	05-09-2025	129	S.I.E.T(Poly),Paniv	PO5,PO7
2	Engineer's Day	15-09-2025	58	S.I.E.T(Poly), Paniv	PO5,PO7

3	Fresher's Party	15-09-2025	61	S.I.E.T(Poly), Paniv	PO5,PO7
4	Induction Program me	19-09-2024	320	S.I.E.T(Poly), Paniv	PO5,PO7
5	Sarthak 2025	09-01-2025 To 11-01-2025	07	S.I.E.T(Poly), Paniv	PO5,PO7
6	Chh. Shivaji Maharaj Jayanti	19-02-2025	08	S.I.E.T(Poly), Paniv	PO5,PO7
7	SantGadgebaba Birth Anniversary	23-02-2025	06	S.I.E.T(Poly), Paniv	PO5,PO7

CAY m2 2023-24:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Relevance To PO's
1	Induction Program me	19-09-2023	300	S.I.E.T(Poly),Paniv	PO5,PO7
2	Engineer's Day	15-09-2023	68	S.I.E.T(Poly), Paniv	PO5,PO7
3	Fresher's Party	15-09-2023	68	S.I.E.T(Poly), Paniv	PO5,PO7
4	Rajmata Ahilybai Holkar Jayanti	12-01-2024	08	S.I.E.T(Poly), Paniv	PO5,PO7
5	Lokshahir Annabhau Sathe Death Anniversary	01-08-2023	05	S.I.E.T(Poly), Paniv	PO5,PO7
6.	Mahatma Jyotirao Phule Death	28-11-2023	06	S.I.E.T(Poly), Paniv	PO5,PO7

Anniversary



Plantation

Tree



Blood Donation Camp



Yoga & Meditation



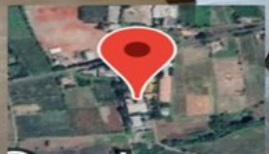
One Day State Level Workshop on “TO BUILDING WINDMILL AT MINIMUM COST & SKY OBSERVATION”



Poster Presentation



GPS Map Camera



Paniv, Maharashtra, India
RXRC+Q7G, Paniv, Maharashtra 413118, India
Lat 17.842066°
Long 74.970747°

Womens Health Issues and Care



NSS-Swachta Abhiyan



Meditation



Organizing Job Fair Activity for Final & second year purchasing diploma student



Induction Program

Cultural Activities





Mehendi Competition

Rangoli Competition



Traditional Day





Independence Day

Republic Day Celebration

Define the Program specific outcomes

PSO1	Exhibit Logical and Technical skills to building, testi
PSO2	Apply technical solutions to Electrical Engineering p
PSO3	Exhibit Interpersonal Skills and Ethical Principles in

3.1 Establish the correlation between the courses and the POs and PSOs (20)

Total Marks 20.00

3.1.1 Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (5)

Institute Marks

5.00

Note : Number of Outcomes for a Course is expected to be 3 to 5.

Course Name :

C1 02

Course Year :

2022-23

Course Name	Statements
C1 02.1	Estimate Errors in Measurement of Physical Quantities
C1 02.2	Apply the Principles of Electricity and Magnetism to Solve Engineering Problems.
C1 02.3	Use the Basic Principles of Heat and Optics in Related Engineering Application
C1 02.4	Apply the Catalysis Process in Industries
C1 02.5	Use Corrosion Preventive Measures in Industry
C1 02.6	Use Relevant Engineering Materials in Industry

Course Name :

C1 08

Course Year :

2022-23

Course Name	Statements
C1 08.1	Use relevant capacitors in electrical circuits.
C1 08.2	Use equipment/instruments based on radioactive and ultrasonic principles.
C1 08.3	Use equipment/instruments based on photoelectric effect, X-Ray and LASER
C1 08.4	Select relevant water treatment process for various applications

C1 08.5	Use relevant electrolyte in batteries for different applications.
C1 08.6	Use relevant metals, alloys and insulating materials in various applications.

Course Name : C2 04 **Course Year :** 2023-24

Course Name	Statements
C2 04.1	Maintain the optimized working of the thermal power plant.
C2 04.2	Maintain the optimized working of large and micro hydro power plants.
C2 04.3	Maintain the optimized working of solar and biomass-based power plants.
C2 04.4	Maintain the optimized working of wind power plants.
C2 04.5	Select the adequate mix of power generation based on economic operation.

Course Name : C2 06 **Course Year :** 2023-24

Course Name	Statements
C2 06.1	Use Different Electric Motors.
C2 06.2	Use DC Machines.
C2 06.3	Use Single Phase Transformer for Different Applications.
C2 06.4	Use Three Phase Transformers for Different Applications.
C2 06.5	Use Relevant Special Purpose Transformers for Different Applications

Course Name : C3 05 **Course Year :** 2024-25

Course Name	Statements
C3 05.1	Select the relevant Illumination levels for various applications
C3 05.2	Select relevant lamps for various applications
C3 05.3	Select the lighting accessories required for selected wiring scheme.
C3 05.4	Design a control circuit for Illumination
C3 05.5	Design Illumination schemes for various applications
C3 05.6	Interpret the Illumination scheme for various purposes.

Course Name : C3 11 **Course Year :** 2024-25

Course Name	Statements
C3 11.1	Interpret various electrical diagrams.
C3 11.2	Prepare estimate of domestic and commercial electrical installations.
C3 11.3	Prepare estimate of industrial electrical installations.
C3 11.4	Prepare estimate of overhead and underground distribution lines.
C3 11.5	Prepare estimate of public lighting installations.
C3 11.6	Prepare quotation, tender and other related documents.

3.1.2 CO-PO matrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 1st to 6th semester) (5)

Institute Marks

5.00

1 . course name : C202

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C102.1	3 ✓	1 ✓	1 ✓	2 ✓	1 ✓	1 ✓	1 ✓
C102.2	3 ✓	2 ✓	1 ✓	2 ✓	1 ✓	2 ✓	1 ✓
C102.3	3 ✓	2 ✓	1 ✓	2 ✓	1 ✓	1 ✓	1 ✓
C102.4	3 ✓	2 ✓	2 ✓	2 ✓	2 ✓	1 ✓	2 ✓
C102.5	3 ✓	2 ✓	1 ✓	2 ✓	2 ✓	2 ✓	2 ✓
C102.6	3 ✓	2 ✓	2 ✓	3 ✓	2 ✓	1 ✓	1 ✓
Average	3.00	1.83	1.33	2.17	1.50	1.33	1.33

2 . course name : C208

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C108.1	3 ✓	2 ✓	1 ✓	2 ✓	1 ✓	- ✓	1 ✓
C108.2	3 ✓	2 ✓	1 ✓	1 ✓	1 ✓	1 ✓	- ✓
C108.3	3 ✓	2 ✓	1 ✓	2 ✓	- ✓	1 ✓	- ✓
C108.4	3 ✓	1 ✓	2 ✓	1 ✓	- ✓	1 ✓	- ✓
C108.5	3 ✓	1 ✓	2 ✓	1 ✓	2 ✓	2 ✓	1 ✓
C108.6	3 ✓	1 ✓	1 ✓	1 ✓	2 ✓	1 ✓	1 ✓
Average	3.00	1.50	1.33	1.33	1.50	1.20	1.00

3 . course name : C304

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C204.1	3 ▾	2 ▾	1 ▾	2 ▾	2 ▾	1 ▾	1 ▾
C204.2	3 ▾	2 ▾	1 ▾	2 ▾	3 ▾	1 ▾	1 ▾
C204.3	3 ▾	2 ▾	1 ▾	2 ▾	3 ▾	1 ▾	2 ▾
C204.4	3 ▾	2 ▾	1 ▾	2 ▾	3 ▾	1 ▾	2 ▾
C204.5	3 ▾	3 ▾	2 ▾	2 ▾	3 ▾	2 ▾	2 ▾
Average	3.00	2.20	1.20	2.00	2.80	1.20	1.60

4 . course name : C306

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C206.1	2 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C206.2	2 ▾	2 ▾	1 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C206.3	2 ▾	1 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾
C206.4	2 ▾	2 ▾	1 ▾	2 ▾	2 ▾	1 ▾	1 ▾
C206.5	2 ▾	1 ▾	2 ▾	1 ▾	1 ▾	2 ▾	1 ▾
Average	2.00	1.40	1.40	1.60	1.40	1.40	1.20

5 . course name : C405

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C305.1	3 ▾	2 ▾	1 ▾	2 ▾	2 ▾	3 ▾	1 ▾
C305.2	3 ▾	2 ▾	1 ▾	1 ▾	2 ▾	- ▾	2 ▾
C305.3	3 ▾	2 ▾	1 ▾	- ▾	2 ▾	1 ▾	2 ▾
C305.4	3 ▾	2 ▾	1 ▾	2 ▾	- ▾	2 ▾	3 ▾
C305.5	3 ▾	2 ▾	1 ▾	1 ▾	2 ▾	3 ▾	2 ▾
C305.6	2 ▾	1 ▾	2 ▾	1 ▾	2 ▾	2 ▾	1 ▾
Average	2.83	1.83	1.17	1.40	2.00	2.20	1.83

6 . course name : C411

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C311.1	3 ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾
C311.2	3 ▾	1 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C311.3	3 ▾	1 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾

C311.4	3 ▾	1 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C311.5	3 ▾	- ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C311.6	3 ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾
Average	3.00	1.00	3.00	2.00	1.00	1.00	1.00

1 . Course Name : C202

Course	PSO1	PSO2	PSO3
C102.1	- ▾	2 ▾	- ▾
C102.2	1 ▾	1 ▾	- ▾
C102.3	1 ▾	1 ▾	- ▾
C102.4	- ▾	1 ▾	- ▾
C102.5	- ▾	1 ▾	- ▾
C102.6	1 ▾	1 ▾	- ▾
Average	1.00	1.17	0.00

2 . Course Name : C208

Course	PSO1	PSO2	PSO3
C108.1	1 ▾	- ▾	- ▾
C108.2	- ▾	1 ▾	- ▾
C108.3	- ▾	- ▾	- ▾
C108.4	1 ▾	2 ▾	- ▾
C108.5	1 ▾	- ▾	- ▾
C108.6	- ▾	- ▾	- ▾
Average	1.00	1.50	0.00

3 . Course Name : C304

Course	PSO1	PSO2	PSO3
C204.1	3 ▾	3 ▾	- ▾
C204.2	3 ▾	3 ▾	- ▾
C204.3	3 ▾	3 ▾	- ▾
C204.4	3 ▾	2 ▾	1 ▾
C204.5	3 ▾	2 ▾	1 ▾

Average	3.00	2.60	1.00
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4 . Course Name : C306

Course	PSO1	PSO2	PSO3
C206.1	1 ▾	- ▾	- ▾
C206.2	2 ▾	1 ▾	- ▾
C206.3	1 ▾	2 ▾	- ▾
C206.4	1 ▾	- ▾	- ▾
C206.5	1 ▾	- ▾	1 ▾
Average	1.20	1.50	1.00

5 . Course Name : C405

Course	PSO1	PSO2	PSO3
C305.1	2 ▾	2 ▾	- ▾
C305.2	2 ▾	1 ▾	- ▾
C305.3	3 ▾	2 ▾	- ▾
C305.4	2 ▾	2 ▾	2 ▾
C305.5	3 ▾	2 ▾	2 ▾
C305.6	2 ▾	2 ▾	1 ▾
Average	2.33	1.83	1.66

6 . Course Name : C411

Course	PSO1	PSO2	PSO3
C311.1	1 ▾	- ▾	- ▾
C311.2	1 ▾	2 ▾	- ▾
C311.3	1 ▾	1 ▾	- ▾
C311.4	- ▾	- ▾	2 ▾
C311.5	- ▾	1 ▾	- ▾
C311.6	2 ▾	- ▾	- ▾
Average	1.25	1.33	2.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101	2.80	1.60	0.00	0.00	1.00	1.60	2.40
C102	3.00	1.83	1.33	2.17	1.50	1.33	1.33
C103	3.00	3.00	0.00	0.00	0.00	0.00	2.00
C104	3.00	1.60	1.33	3.00	1.00	2.00	2.20
C105	3.00	0.00	0.00	2.00	0.00	2.00	2.00
C106	1.80	1.00	3.00	2.00	0.00	0.00	1.00
C107	3.00	3.00	1.00	1.00	1.00	1.00	2.00
C108	3.00	1.50	1.33	1.33	1.50	1.20	1.00
C109	3.00	1.00	1.00	1.60	1.60	0.00	2.00
C110	3.00	2.00	2.00	2.00	0.00	0.00	2.00
C111	2.80	2.00	1.00	2.00	3.00	1.00	2.60
C112	1.00	1.00	0.00	1.00	0.00	2.00	1.00
C201	3.00	2.60	1.80	1.20	0.00	0.00	1.40
C202	3.00	2.00	1.00	1.75	2.00	2.25	2.00
C203	2.80	2.40	2.60	2.60	2.00	1.40	2.00
C204	3.00	2.20	1.20	2.00	2.80	1.20	1.60
C205	3.00	2.00	2.20	2.00	1.60	1.40	2.20
C206	2.00	1.40	1.40	1.60	1.40	1.40	1.20
C207	3.00	2.00	1.00	1.50	2.00	2.25	2.00
C208	3.00	2.20	1.40	2.00	1.20	2.00	1.20
C209	3.00	3.00	1.80	1.80	1.00	1.75	1.40
C210	1.40	1.60	1.40	1.60	1.40	1.40	1.40
C211	2.40	1.60	2.25	2.20	1.00	1.00	1.00
C301	1.00	1.60	2.60	0.00	0.00	2.40	3.00
C302	3.00	2.40	2.20	2.60	2.20	0.00	1.00
C303	3.00	2.00	2.67	2.00	3.00	2.00	2.17
C304	3.00	2.40	2.40	2.00	2.00	1.50	3.00
C305	2.83	1.83	1.17	1.40	2.00	2.20	1.83

C306	2.00	2.00	2.00	2.00	0.00	2.80	2.00
C307	2.33	2.17	2.83	2.00	2.17	2.67	1.83
C308	3.00	1.83	1.33	3.00	1.25	2.00	1.50
C309	2.80	2.80	1.80	2.40	2.20	2.20	2.80
C310	3.00	2.00	1.00	1.50	2.00	2.25	2.00
C311	3.00	1.00	3.00	2.00	1.00	1.00	1.00
C312	2.40	2.40	2.00	2.20	2.00	2.00	1.60
C313	3.00	2.00	1.50	1.80	2.40	1.00	1.20
C314	2.33	2.20	2.67	2.00	2.00	2.67	2.75

3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses

Course	PSO1	PSO2	PSO3
C101	0.00	0.00	1.00
C102	1.00	1.17	0.00
C103	1.20	1.60	1.00
C104	1.00	1.00	1.00
C105	1.00	0.00	0.00
C106	2.00	1.00	1.00
C107	1.00	1.60	1.66
C108	1.00	1.50	0.00
C109	2.20	1.60	2.00
C110	1.00	1.67	1.00
C111	2.00	1.20	1.33
C112	0.00	0.00	1.00
C201	1.60	1.60	1.00
C202	2.20	1.60	1.00
C203	2.40	2.60	1.67
C204	3.00	2.60	1.00
C205	2.80	2.40	1.80
C206	1.20	1.50	1.00

C207	2.40	1.80	1.00
C208	3.00	1.20	1.80
C209	2.60	2.00	1.00
C210	1.00	1.00	1.00
C211	2.80	2.20	2.20
C301	0.00	1.00	1.60
C302	2.20	2.40	1.00
C303	1.67	2.00	1.20
C304	2.40	2.80	2.60
C305	2.33	1.83	1.66
C306	0.00	0.00	1.60
C307	2.33	1.33	1.00
C308	1.33	2.50	2.00
C309	2.60	2.80	2.60
C310	2.40	1.80	1.00
C311	1.25	1.33	2.00
C312	2.40	2.80	2.40
C313	2.80	2.00	2.20
C314	2.67	1.75	2.67

3.2 Attainment of Course Outcomes (40)

Total Marks 40.00

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Institute Marks

10.00

3.2.1 Describe the assessment processes used to gather the data upon which the valuation of Course Outcome is based (10).

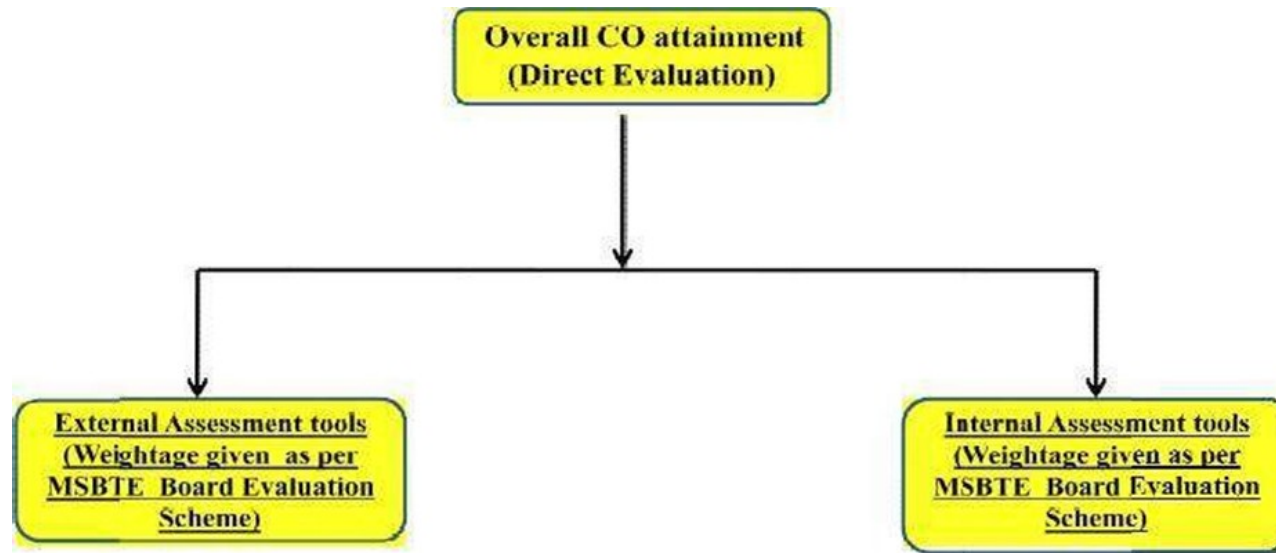
Description of assessment process: -

As per MSBTE's (State Board's) teaching and examination scheme, the student's performance is assessed continuously throughout the semester as well as by conducting term end Board's examinations. Various assessment heads used are listed as below.

1. Term End Theory Semester Examination (TH-ESE_I Scheme)
2. Term End Practical Examination/Oral Examination (PR-ESE_I Scheme)
3. Theory Progressive Assessment (TH-PA_I Scheme)
4. Termwork /Progressive Assessment of Practical/Capstone Project. (PR-PA_I Scheme)

Overall CO attainment is computed through Direct Evaluation mode only with the help of assessment tools which is mainly of two types based on the nature of assessment as:

- i. External Assessment tools
- ii. Internal Assessment tools



FigureNo.3.2.1.1-Assessment Rubric used for Evaluation of Overall CO attainment

Overall Course Outcome attainment is computed as weighted average based on the performance of students in External assessment and internal assessment tools through **direct evaluation mode only**, where individual weightage is assigned for each internal/external assessment tool strictly as per **MSBTE (Board) Evaluation Scheme/assessment plan**.

List of Assessment tool:

The detail description various assessment tools used to evaluate COs and the frequency with which the assessment processes are carried out are listed in table 3.2.1.2.1 Various assessment processes/tools /heads used are listed as below.

Table No.3.2.1.1–List of assessment tools through Direct Evaluation mode

Mode /Type of Assessment	Assessment Tool	Description	Evaluation of Course Outcomes	Related POs/ PSOs	Frequency Of assessment
Direct/ Internal	Theory Class Test I & II	Two written class tests are conducted and its average marks are considered in final Evaluation.	Assessment Head-TH-PA_ I Scheme The question papers are framed as per Board's pattern and tagged against each CO of respective courses from which CO attainment is calculated. Online Class tests are conducted by Board (MSBTE) for some courses for which CO attainment is calculated from total marks of Class Test I & II, which is considered same for each CO of the course.	PO1 to PO7, PSO1 to PSO3	Twice per Semester
Direct/ Internal	Micro Project (if any, applicable in the new revised I Scheme of curriculum)	Certain small group of students is assigned with micro project of each course and evaluated by using suitable rubrics and associated guidelines given in the "I" Scheme curriculum/manual by board. For Practical/Lab courses, these are considered under Practical Progressive assessment head i.e. PR-PA with 40% weightage of total marks.	CO attainment for micro project is calculated from total marks, which is considered same for each CO of the respective course. Whenever answer sheet data is unavailable / misplaced for the course, Total marks obtained against TH- PA/proportionate head is considered for CO attainment, which is considered same for each CO of the Concerned course.	PO1 to PO7, PSO1 to PSO3	Continuous
Direct/ Internal	Internal Practical Examination	Internal Practical Examination	Assessment Head-PR-ESE I Scheme Examination is carried out as per the scheme of board. CO	PO1 to PO7,	Once per

		is carried out for lab-work/tutorial of some the courses as per the schedule Prescribed by Board.			
Direct/ External	External Practical/Oral Examination	External Practical Examination is carried out for lab- work/tutorial of some the courses as per the schedule prescribed by Board where external examiner is appointed by Board	attainment for the same is calculated from total marks obtained against head PR-ESE, which is considered same for each CO of the respective course.	PSO1 to PSO3	Semester
Direct/ Internal	Progressive assessment of Practical lab work/ Assignment/ Tutorials /Capstone Project	Continuous assessment of lab manual/lab. work/ assignment/Tutorial are carried out as per suitable rubrics and associated guidelines given in the curriculum/manual by board	Assessment Head-PR-PA_I Scheme CO attainment for Practical's Progressive assessment is calculated from total marks obtained against head PR PA /TW, which is considered same for each CO of the respective course.	PO1 to PO7, PSO1 to PSO3	Continuous
Direct/ External	Term End Theory Semester Examination	Theory End Semester Examination is carried out for most of the courses as per the schedule prescribed by Board adhering to the academic calendar whose assessment is carried out externally by Board through Regional Assessment Centre (RAC)	Assessment Head TH- ESE_I Scheme CO attainment for assessment head TH- ESE/ TH is calculated from total mark score obtained against head TH-ESE/TH, which is considered same for each CO of the respective	PO1 To PO7, PSO1	Once per Semester

				to	
				PSO3	

Quality/Relevance of Assessment Tools/Heads:

1. Term End Theory Semester Examination (Assessment Head TH-ESE_ I Scheme):

Term end theory examination (TH) is conducted by board through offline and online mode. External assessment of answer books is carried out by external examiners confidentially at board's regional assessment centers. Course wise mark's data is collected from the result gazette published by board. As there is no access to bitwise CO wise marks scored, CO attainment for assessment head TH-ESE/TH is calculated from total mark score obtained against head TH-ESE/TH, which is considered same for each CO of the respective courses. Individual weightage for this head is assigned as per the Maximum Marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum.

Question papers are designed by Board as per Table of specification given in the Board's Curriculum to develop cognitive learning abilities of the students at **Remembering, Understanding, and Applying** and above taxonomy levels of **Bloom's Revised Taxonomy**.

2) Term End Practical Examination (Assessment Head-PR-ESE_ I scheme):

Practical End Semester examination (PR-ESE/PR/OR) is carried out for lab- work/tutorials of some the courses as per the schedule prescribed by Board in academic calendar.

Assessment might be external and/or internal type as per guidelines prescribed in the Board's curriculum for the concern courses. Individual weightage for this head is assigned as per the Maximum Marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. The term end practical/oral examination marks are collected from the result gazette.

As evaluation under this head is done as per guide lines given by board mainly to Develop student's competency at the prescribed taxonomy levels of psychomotor and Affective learning domains as per Dave and Krathwohl's taxonomy respectively through proper mix of COS, hence same attainment level is considered for all COs of the respective courses.

3) Term work/Practical Progressive assessment/Capstone Project (Assessment Head- PR-PA_ I Scheme):

Term work / Practical Progressive Assessment (PR-PA/TW) is carried out for lab- work/tutorials/assignments of respective courses as per guidelines prescribed by Board in curriculum of respective courses and their assessment record is maintained in the department in formats (viz. D3, D4 & D5) as per CIAAN guidelines prescribed by Board. Individual weightage for this head is assigned as per the Maximum Marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. Marks for this head are collected from the result gazette.

As evaluation under this head is done with suitable process and product related rubrics given by Board in the lab manuals and /or in the curriculum continuously throughout the semester, whose main purpose to develop student's competency at the prescribed taxonomy levels of psychomotor and affective learning domains as per Dave and Krathwohl's taxonomy respectively through proper mix of COS, hence same attainment level is considered for all Cos of the respective courses.

4) Theory Progressive Assessment (Assessment Head-TH-PA_ I Scheme):

Theory Progressive Assessment (TH-PA) generally consists of assessment tools as

Prescribed in Board's curriculum as follows:

- a. **Class Tests:** Two written unit tests (Class Test I & Class Test II) are conducted respective courses per semester as per guidelines prescribed by Board in curriculum of respective courses strictly adhering to Board's academic calendar. For offline mode, internal assessment of answer books is carried out CO wise by respective course faculty and marks are shown to students with their signature to give formative feedback. Hence generally Co wise attainment is computed. But for online mode, Co attainment is calculated from total marks obtained in Class Test I & II which is considered same for all COs as CO wise evaluation data is not available. Individual weightage for this head is assigned as per the Maximum Marks. 20 marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. Question papers are designed as per sample papers provided by Board tagged against each CO of the respective courses to develop student's competency mainly at the prescribed taxonomy levels of Bloom's revised taxonomy of cognitive domain.

- b. **Micro Projects:** This assessment Tool is newly introduced as per the new Revision of syllabus i.e., I-Scheme (Outcome based approach) to develop Collaborative style of learning with the students. Individual weightage

for this head is assigned as per the Maximum Marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. But for Practical/Lab courses, it is under Practical Progressiveassessment head i.e. PR-PA with 40% weightage of total marks. Certain small group of students is assigned with micro project of each course and evaluated by using suitable rubrics and associated guidelines given in the curriculum/manual by board, whose main purpose to develop student's competency at the prescribed taxonomy levels of psychomotor and affective learning domains as per Dave and Krathwohl's taxonomy respectively through proper mix of COS, hence same attainment level is considered for all Cos of the respective courses

Ex: To illustrate individual weightage calculation as per MSBTE's (Board's) assessment plan in the process of Overall CO attainment through direct evaluation, Consider CO

Assessment Plan for following course as sample given below:

Overall CO assessment Plan for Electrical Motors & Transformers Course (EE4I Class, New Rev. of syllabus- I- Scheme, A. Y. 2023-24)

Direct CO Assessment Tool / Course Evaluation	TH-PA		PR-PA	PR-ESE	TH-ESE	Total	
	CT-1	CT-2	Micro project	PA Term work	Practical Exam		E.S.E. Board
Max Marks as Per Teaching Scheme	20		10	25	25	70	150
Individual Weightage (%)	13.33		6.67	16.67	16.67	46.67	100

Table No.3.2.1.2Overall CO assessment Plan Electrical Motors & Transformers Course (EE4I Class, New Rev. of syllabus- I- Scheme, A. Y. 2023-24)

3.2.2 Record the attainment of Course Outcome of all courses with respect to set attainment levels (30)

Institute Marks

30.00

Course outcomes of all courses are assessed with the help of above-mentioned assessment tools and attainment level is evaluated against set targets, as per below table. **If the average overall CO attainment of the course for three consecutive passingout batches of students is greater than 95% of the maximumattainment value (i.e. 95% of 3 = 2.85), then set targets values for attainment levels shall be upgraded in the step of 5% for continuous improvement.**

Table No. -3.2.2.1 Set Attainment levels against set targets for Various Assessment tools

Assessment Tools	Attainment Levels against set target* (Note1)	
	Level 1	40% of students scoring more than 40% of maximum marks

*Class Test I &II (TH- PA)	Level2	50% of students scoring more than 40% of maximum marks
	Level3	60% of students scoring more than 40% of maximum marks
*MSBTE ESE Examination (TH- ESE)	Level 1	40% of students scoring more than TSI marks i.e. Board's average marks for given course
	Level 2	50 % of students scoring more than TSI marks i.e.Board's average marks for given course
	Level 3	60%ofstudentscoringmorethanTSImarksi.e.Board's average marks for given course
*Micro Projects	Level 1	60%of students scoring more than 60% of maximum marks
	Level 2	70% of students scoring more than 60% of maximum marks
	Level 3	80% of students scoring more than 60% of maximum marks
Progressive assessments of Practical/Term work/ capstone Project (TW/ PR-PA)	Level 1	60%of students scoring more than 60% of maximum marks
	Level2	70% of students scoring more than 60% of maximum marks
	Level3	80% of students scoring more than 60% of maximum marks

*Practical Exam (OR/ PR/ PR- ESE)	Level 1	60%of students scoring more than 60% of maximum marks
	Level 2	70% of students scoring more than 60% of maximum marks
	Level 3	80% of students scoring more than 60% of maximum marks

Note:1) *Set target values are derived from average performance of students in that assessment tools

Ex: sample example for Overall CO attainment of Course Electrical Motors &Transformers (22418)

OVERALL CO ATTAINMENT FOR ELECTRICAL MOTORS &TRANSFORMERS (22418)

Direct CO AssessmentTool / Course Evaluation Plan	TH-PA		PR-PA	PR-ESE	TH-ESE	Total	
	CT-1	CT-2	Micro	PA Term work	Practical Exam		E.S.E. Board
Max Marks as Per Teaching Scheme	20		10	25	25	70	150
Individual Weightage (%)	13.33		6.67	16.67	16.67	46.67	100

Overall Course CO AttainmentforElectrical Motors &Transformers(22418)

Final Direct Course Attainment Calculation

COs	Internal			External	
	Class Tests	PA Term work	Micro-project	PR-ESE	E.S.E Board
CO1	0	3	3	3	3

CO2	0	3	3	3	3
CO3	1	3	3	3	3
CO4	0	3	3	3	3
CO5	2	3	3	3	3
Average Attainment	0.60	3	3	3	3
Individual Weightage (W%)	13.33	16.67	6.67	16.67	46.67
Direct Total Attainment = (Average Attainment x Individual Weightage)	0.08	0.50	0.20	0.50	1.40
Total Direct Course Attainment					2.68
Overall Weightage					100%
Final Direct Course Attainment					2.68
Overall Course CO Attainment (B)					2.68
Table No.3.2.2.2-Weighted Average Overall CO attainment for Course Electrical Motors &Transformers (22418)					
Likewise, Overall CO attainments are computed by using MS excel formulated worksheets with detail procedure as shown below in figure 3.2.2.2 which is used for all courses.					



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Program:-Electrical Engineering
Class Test I & II - CO Attainment
Academic Year :- 2023-24 (I Scheme)
Course :- ELECTRICAL MOTOR AND TRANSFORMER (22418)
Semester : IVth

Sr. No.	Enrollment No	Name of Student	CO 1 Max Marks	CO 2 Max Marks	CO 3 Max Marks	CO 4 Max Marks	CO 5 Max Marks	Class Test - 1	Class Test - 2
			12	20	20	10	2	20 M	20 M
1	2209940148	SHIVAM ASHOK ARJUN	6	10	8	5	2	16	15
2	2209940149	PRASAD DEVANAND ATHAWALE	3	10	10	5	2	13	17
3	2209940150	HARSHAD BALKRUSHNA BHAGAT	4	6	13	3	2	10	18
4	2209940151	NIKHIL SANJAY BHANAVASE	3	8	9	6	0	11	15
5	2209940152	MADHURA SAMADHAN BIDKAR	6	12	13	5	0	18	18
6	2209940153	AMOL BALASO BORKAR	6	6	9	9	0	12	18
7	2209940154	SAMARTH MAHESH CHAVAN	2	9	7	9	2	11	18
8	2209940155	SHIVTEJ PINTU CHAVAN	3	14	11	5	0	17	16
9	2209940156	SANIKSHA DIPAK DESHMUKH	3	5	13	3	2	8	18
10	2209940158	NILESH HANAMANT DEVKATE	4	4	8	0	2	8	10
11	2209940159	PRABHU RAMCHANDRA DEVKATE	9	6	7	0	2	15	9
12	2209940161	NISHANT NAVNATH DHERE	5	9	13	4	2	14	19
13	2209940162	ANIKET RAJENDRA DUDHE	5	3	3	3	0	8	6
14	2209940163	RAJ SUNIL DURAPE	4	4	4	2	0	8	6
15	2209940164	PRASAD SHANKAR FATE	3	12	13	5	0	15	18
16	2209940165	KAPIL SUNIL GADE	3	5	5	2	0	8	7
17	2209940166	AVINASH DEEPAK GAIKWAD	4	10	10	2	2	14	14
18	2209940167	SIDDHESHWAR SANTOSH GAVALI	2	9	9	9	0	11	18
19	2209940169	TATYA BRAMHADEV GORAD	8	10	8	6	2	18	16
20	2209940172	UTKARSH DEVIDAS INGAWALE DESHMUKH	8	10	7	6	1	18	14
21	2209940173	NISARGRAJ KISHOR JADHAV	8	6	9	5	1	14	15
22	2209940174	SHUBHAM RAJKUMAR JADHAV	6	7	9	6	0	13	15
23	2209940175	PRASAD SHAHAJI KADAM	4	4	5	5	0	8	10
24	2209940176	SHUBHAM YASHWANT KAMBLE	4	5	8	0	2	9	10
25	2209940179	PRATIK BHOJRAJ KHARAT	3	5	4	1	1	8	6
26	2209940181	HAJRAT ADIL KARIM KORBU	4	4	10	4	0	8	14

27	2209940182	SHUBHAM ANIL KOTHAVALA	4	4	4	0	1	8	5
28	2209940183	DNYANESHWAR SHRIRAM KUMBHAR	4	4	8	5	2	8	15
29	2209940186	RITESH RAMESH LONDHE	5	7	11	0	2	12	13
30	2209940189	OMKAR SURESH MASAL	5	3	10	2	2	8	14
31	2209940190	TUKARAM LAXMAN MASAL	6	7	8	5	2	13	15
32	2209940191	MAHESH DATTATRAY MASHAL	3	8	4	2	0	11	6
33	2209940192	YOGESH VISHNU MASKE	4	5	2	3	0	9	5
34	2209940193	AKASH HANUMANT MORE	6	13	13	6	0	19	19
35	2209940194	ASHISH RAJENDRA MORE	5	3	5	5	0	8	10
36	2209940195	VIKAS ASHOK MOTE	4	5	7	6	1	9	14
37	2209940196	MUSKAN SAMIR MUJAWAR	6	13	18	2	0	19	20
38	2209940198	PRASHANT ABASO MUNJE	6	6	9	3	0	12	12
39	2209940199	YASHRAJE DAMU PARADE	4	5	8	6	2	9	16
40	2209940200	ROHIT BALASAHEB PATIL	2	9	13	3	2	11	18
41	2209940201	TUSHAR BALASAHEB RANANAVARE	2	11	10	4	0	13	14

42	2209940202	SAURABH RAJENDRA RAUT	6	4	9	2	0	10	11
43	2209940205	KAUSTUBH RAMESH TARANGE	4	11	6	3	2	15	11
44	2209940206	SHANKAR BHIMRAO THAVARE	6	11	5	5	2	17	12
45	2209940207	SANKET DHANAJI THORAT	3	5	6	3	2	8	11
46	2209940208	MILIND APPASO TORAVE	4	5	4	1	1	9	6
47	2209940210	SHIVPRASAD ARJUN WAGHMODE	3	8	9	2	0	11	11
48	2209940211	SHUBHAM ASHOK WAGHMODE	4	4	5	1	1	8	7
49	2209940214	VIRAJ MILIND YADAV	4	9	5	3	0	13	8
50	2209940275	SAMARTH PANDURANG PAWAR	4	6	1	2	1	10	4
51	2209940212	VISHAL AABA WAGHMODE	4	5	4	1	2	9	7
52	23212330287	VISHAL ANIL DOLTADE	4	4	7	2	0	8	9
53	23212330289	ANUP DATTATRAY PANDHARE	5	7	7	1	0	12	8
54	23212330282	GANESH SANTOSH AYARE	4	5	2	6	0	9	8
55	23212330302	RAVIRAJ DURYODHAN SHINDE	6	7	9	4	0	13	13
56	23212330286	GANESH TATYA THAWARE	4	4	10	2	2	8	14
57	23212330284	VAIBHAV HANUMANT SURVASE	4	4	7	0	1	8	8
58	23212330281	SHAMBHURAJE MAHADEV AYARE	5	3	7	1	0	8	8

59	23212330283	SUPRIYA VASANT KOKATE	4	5	3	3	0	9	6
60	23212330280	VISHAL BAPUSO CHAVARE	4	4	4	2	0	8	6
61	23212330285	ROHIT BAPURAO WAGHMODE	4	5	5	1	1	9	7
62	23212330290	PRADNYANAND VIVEKANAND VAJALE	5	3	4	1	1	8	6
63	23212330296	OM SITARAM GOPHANE	4	5	3	3	1	9	7
64	23212330293	SUMIT DATTATRAY LAVATE	4	5	3	3	0	9	6
65	23212330301	SOHEL AYUB SAYYAD	3	5	5	2	0	8	7
66	23212330288	SHUBHAM PANDURANG THORAT	3	5	5	1	1	8	7
67	23212330295	PANKAJ PRAKASH PISE	4	5	9	5	1	9	15
68	23212330297	ROHAN CHANDRAKANT SATPUTE	3	5	7	0	1	8	8
69	23212330292	DINESH BALU SHINDE	4	5	5	3	0	9	8
70	23212330300	MUBIN ABDULRAHIM SAYYAD	4	5	7	0	1	9	8
71	23212330291	SUYASH SANJAY POTE	4	5	9	4	0	9	13
72	23212330294	NIKITA BALASO WAGHMODE	7	9	5	2	0	16	7
73	23212330299	AMRUTA ANANTRAV GAIKWAD	4	5	3	3	0	9	6
74	23212330298	VAISHNAVI VASANT KOKATE	5	4	7	1	0	9	8
75	2209940168	NANASAHEB APPARAO GORAD	4	4	2	6	0	8	8
76	2209940184	OMKAR SUKHADEV LOKHANDE	5	3	7	0	2	8	9



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Program:-Electrical Engineering
TH-ESE - CO Attainment
Academic Year :- 2023-24 (I Scheme)
Course :- ELECTRICAL MOTOR AND TRANSFORMER (22418)
Semester : IVth

Sr. No.	Enrollment No	Name of Student	End Sem Board Exam Max.marks 70
1	2209940148	SHIVAM ASHOK ARJUN	19
2	2209940149	PRASAD DEVANAND ATHAWALE	31
3	2209940150	HARSHAD BALKRUSHNA BHAGAT	38
4	2209940151	NIKHIL SANJAY BHANAVASE	47
5	2209940152	MADHURA SAMADHAN BIDKAR	64
6	2209940153	AMOL BALASO BORKAR	51
7	2209940154	ANANDHARAJAN SATHISH CHANDRAN	42

7	2209940154	SAMARTH MAHESH CHAVAN	40
8	2209940155	SHIVTEJ PINTU CHAVAN	35
9	2209940159	PRABHU RAMCHANDRA DEVKATE	31
10	2209940161	NISHANT NAVNATH DHERE	35
11	2209940162	RAJ SUNIL DURAPE	21
12	2209940163	PRASAD SHANKAR FATE	58
13	2209940164	KAPIL SUNIL GADE	33
14	2209940165	AVINASH DEEPAK GAIKWAD	36
15	2209940166	SIDDHESHWAR SANTOSH GAVALI	58
16	2209940167	TATYA BRAMHADEV GORAD	24
17	2209940169	UTKARSH DEVIDAS INGAWALE DESHMUKH	28
18	2209940172	NISARGRAJ KISHOR JADHAV	30
19	2209940173	SHUBHAM RAJKUMAR JADHAV	32
20	2209940174	PRASAD SHAHAJI KADAM	28
21	2209940175	SHUBHAM YASHWANT KAMBLE	20
22	2209940176	HAJRATADIL KARIM KORBU	35
23	2209940179	SHUBHAM ANIL KOTHAVALA	24
24	2209940181	DNYANESHWAR SHIRIRAM KUMBHAR	24

36	2209940198	ROHIT BALASAHEB PATIL	35
37	2209940199	TUSHAR BALASAHEB RANANAVARE	2
38	2209940200	SAURABH RAJENDRA RAUT	19
39	2209940201	KAUSTUBH RAMESH TARANGE	28
40	2209940202	SHANKAR BHIMRAO THAVARE	23
41	2209940205	SANKET DHANAJI THORAT	19
42	2209940206	SHIVPRASAD ARJUN WAGHMODE	28
43	2209940207	VIRAJ MILIND YADAV	28
44	2209940208	SAMARTH PANDURANG PAWAR	39
45	2209940210	ANUP DATTATRAY PANDHARE	28
46	2209940214	RAVIRAJ DURYODHAN SHINDE	25
47	2209940275	GANESH TATYA THAWARE	16
48	23212330287	VAIBHAV HANUMANT SURVASE	24

49	23212330289	SHAMBHURAJE MAHADEV AYARE	24
50	23212330282	SUPRIYA VASANT KOKATE	28
51	23212330302	VISHAL BAPUSO CHAVARE	28
52	23212330286	OM SITARAM GOPHANE	24
53	23212330284	SUMIT DATTATRAY LAVATE	21
54	23212330281	SOHEL AYUB SAYYAD	38
55	23212330283	SHUBHAM PANDURANG THORAT	30
56	23212330280	PANKAJ PRAKASH PISE	20
57	23212330285	ROHAN CHANDRAKANT SATPUTE	17
58	23212330296	DINESH BALU SHINDE	18
59	23212330293	MUBIN ABDULRAHIM SAYYAD	29
60	23212330301	SUYASH SANJAY POTE	28
61	23212330288	NIKITA BALASO WAGHMODE	46
62	23212330295	VAISHNAVI VASANT KOKATE	49
Set Competency Target as boards 40%			28



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Program:-Electrical Engineering
Microproject, PR-PA & PR-ESE - CO Attainment
Academic Year :- 2023-24 (I Scheme)
Course :- ELECTRICAL MOTOR AND TRANSFORMER (22418)
Semester : IVth

Sr. No.	Enrollment No	Name of Student	Microproject evaluation Max.marks	Progressiv Assesement (PR-PA) Max.marks	Practical End Sem Exam (PR- ESE) Max.marks
			10	25	25
1	2209940148	SHIVAM ASHOK ARJUN	7	21	21
2	2209940149	PRASAD DEVANAND ATHAWALE	7	21	21
3	2209940150	HARSHAD BALKRUSHNA BHAGAT	7	23	22
4	2209940151	NIKHIL SANJAY BHANAVASE	7	20	20
5	2209940152	MADHURA SAMADHAN BIDKAR	9	22	23
6	2209940153	AMOL BALASO BORKAR	8	23	20
7	2209940154	SAMARTH MAHESH CHAVAN	9	23	22

8	2209940155	SHIVTEJ PINTU CHAVAN	7	18	19
9	2209940156	SANIKSHA DIPAK DESHMUKH	7	22	16
10	2209940158	NILESH HANAMANT DEVKATE	5	19	20
11	2209940159	PRABHU RAMCHANDRA DEVKATE	5	14	17
12	2209940161	NISHANT NAVNATH DHERE	8	23	16
13	2209940162	ANIKET RAJENDRA DUDHIE	6	18	22
14	2209940163	RAJ SUNIL DURAPE	6	19	20
15	2209940164	PRASAD SHANKAR FATE	8	22	18
16	2209940165	KAPIL SUNIL GADE	5	18	22
17	2209940166	AVINASH DEEPAK GAIKWAD	4	22	22
18	2209940167	SIDDHESHWAR SANTOSH GAVALI	5	23	22
19	2209940169	TATYA BRAMHADEV GORAD	9	22	21
20	2209940172	UTKARSH DEVIDAS INGAWALE DESHMUKH	8	22	23
21	2209940173	NISARGRAJ KISHOR JADHAV	8	23	22
22	2209940174	SHUBHAM RAJKUMAR JADHAV	9	23	21
23	2209940175	PRASAD SHANKAR FATE	8	22	18

35	2209940194	ASHISH RAJENDRA MORE	6	19	17
36	2209940195	VIKAS ASHOK MOTE	6	18	23
37	2209940196	MUSKAN SAMIR MUJAWAR	8	23	23
38	2209940198	PRASHANT ABASO MUNJE	7	20	22
39	2209940199	YASHIRAJE DAMU PARADE	9	23	15
40	2209940200	ROHIT BALASAHEB PATIL	9	22	21
41	2209940201	TUSHAR BALASAHEB RANANAVARE	8	22	20
42	2209940202	SAURABH RAJENDRA RAUT	6	22	20
43	2209940205	KAUSTUBH RAMESH TARANGE	6	22	19
44	2209940206	SHANKAR BHIMRAO THAVARE	7	22	17
45	2209940207	SANKET DHANAJI THORAT	6	19	22
46	2209940208	MILIND APPASO TORAVE	5	18	22
47	2209940210	SHIVPRASAD ARJUN WAGHMODE	5	18	16
48	2209940211	SHUBHAM ASHOK WAGHMODE	5	19	20
49	2209940214	VIRAJ MILIND YADAV	7	18	20
50	2209940275	SAMARTH PANDURANG PAWAR	8	20	22
51	2209940212	UTSHAV ADARSH WAGHMODE	6	18	21

52	23212330287	VISHAL ANIL DOLTADE	6	21	15
53	23212330289	ANUP DATTATRAY PANDHARE	8	21	20
54	23212330282	GANESH SANTOSH AYARE	6	19	17
55	23212330302	RAVIRAJ DURYODHAN SHINDE	6	22	16
56	23212330286	GANESH TATYA THAWARE	8	20	21
57	23212330284	VAIBHAV HANUMANT SURVASE	6	20	23
58	23212330281	SHAMBHURAJE MAHADEV AYARE	5	18	-
59	23212330283	SUPRIYA VASANT KOKATE	9	20	-
60	23212330280	VISHAL BAPUSO CHAVARE	7	18	-
61	23212330285	ROHIT BAPURAO WAGHMODE	7	18	-
62	23212330290	PRADNYANAND VIVEKANAND VAJALE	6	18	-
63	23212330296	OM SITARAM GOPHANE	8	20	-
64	23212330293	SUMIT DATTATRAY LAVATE	6	19	-
65	23212330301	SOUHAG AVHIR SAWYAD	5	18	-



Maharashtra State Board Of Technical Education, Mumbai
 Shriram Shikshan Sanstha's
 Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
 Program:-Electrical Engineering
 TH-ESE - CO Attainment
 Academic Year :- 2023-24 (I Scheme)
 Course :- ELECTRICAL MOTOR AND TRANSFORMER (22418)
 Semester : IVth

Sr. No.	Enrollment No	Name of Student	End Sem Board Exam Max.marks 70
1	2209940148	SHIVAM ASHOK ARJUN	19
2	2209940149	PRASAD DEVANAND ATHAWALE	31
3	2209940150	HARSHAD BALKRUSHNA BHAGAT	38
4	2209940151	NIKHIL SANJAY BHANAVASE	47
5	2209940152	MADHURA SAMADHAN BIDKAR	64
6	2209940153	AMOL BALASO BORKAR	51
7	2209940154	SAMARTH MAHESH CHAVAN	46
8	2209940155	SHIVTEJ PINTU CHAVAN	35
9	2209940159	PRABHU RAMCHANDRA DEVKATE	31

10	2209940161	NISHANT NAVNATH DHERE	35
11	2209940162	RAJ SUNIL DURAPE	21
12	2209940163	PRASAD SHANKAR FATE	58
13	2209940164	KAPIL SUNIL GADE	33
14	2209940165	AVINASH DEEPAK GAIKWAD	36
15	2209940166	SIDDHESHWAR SANTOSH GAVALI	58
16	2209940167	TATYA BRAMHADEV GORAD	24
17	2209940169	UTKARSH DEVIDAS INGAWALE DESHMUKH	28
18	2209940172	NISARGRAJ KISHOR JADHAV	30
19	2209940173	SHUBHAM RAJKUMAR JADHAV	32
20	2209940174	PRASAD SHAHAJI KADAM	28
21	2209940175	SHUBHAM YASHWANT KAMBLE	20
22	2209940176	HAJRATADIL KARIM KORBU	35
23	2209940179	SHUBHAM ANIL KOTHAHALE	24
24	2209940181	DNYANESHWAR SHRIRAM KUMBHAR	24
25	2209940182	RITESH RAMESH LONDHE	23
26	2209940183	OMKAR SURESH MASAL	24

36	2209940198	ROHIT BALASAHEB PATIL	35
37	2209940199	TUSHAR BALASAHEB RANANAVARE	2
38	2209940200	SAURABH RAJENDRA RAUT	19
39	2209940201	KAUSTUBH RAMESH TARANGE	28
40	2209940202	SHANKAR BHIMRAO THAVARE	23
41	2209940205	SANKET DHANAJI THORAT	19
42	2209940206	SHIVPRASAD ARJUN WAGHMODE	28
43	2209940207	VIRAJ MILIND YADAV	28
44	2209940208	SAMARTH PANDURANG PAWAR	39
45	2209940210	ANUP DATTATRAY PANDHARE	28
46	2209940214	RAVIRAJ DURYODHAN SHINDE	25

47	2209940215	GANESH LALYA THAWARE	10
48	23212330287	VAIBHAV HANUMANT SURVASE	24
49	23212330289	SHAMBHURAJE MAHADEV AYARE	24
50	23212330282	SUPRIYA VASANT KOKATE	28
51	23212330302	VISHAL BAPUSO CHAVARE	28
52	23212330286	OM SITARAM GOPHANE	24
53	23212330284	SUMIT DATTATRAY LAVATE	21
54	23212330281	SOHEL AYUB SAYYAD	38
55	23212330283	SHUBHAM PANDURANG THORAT	30
56	23212330280	PANKAJ PRAKASH PISE	20
57	23212330285	ROHAN CHANDRAKANT SATPUTE	17
58	23212330296	DINESH BALU SHINDE	18
59	23212330293	MUBIN ABDULRAHIM SAYYAD	29
60	23212330301	SUYASH SANJAY POTE	28
61	23212330288	NIKITA BALASO WAGHMODE	46
62	23212330295	VAISHNAVI VASANT KOKATE	49
Set Competency Target as boards 40%			28
No of Students above set Target			37

Attainment For PR-PA&Micro- Project

Benchmark of Attainment Level Against Target/ Competency			No of Students		Level
Level	% of Students more than set target	60	76	46	1
	% of Students more than set target	70		53	2
	% of Students more than set target	80		61	3

Attainment For PR-ESE

Benchmark of Attainment Level Against Target/ Competency			No of Students		Level
Level	% of Students more than set target	60	57	34	1
	% of Students more than set target	70		40	2
	% of Students more than set target	80		46	3

Co wise Attainment level	CO1	CO 2	CO 3	CO 4	CO 5
Microproject	3	3	3	3	3
PR-PA	3	3	3	3	3
PR-ESE	3	3	3	3	3



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Program:-Electrical Engineering
Over All CO Attainment
Academic Year :- 2023-24 (I Scheme)
Course :- ELECTRICAL MOTOR AND TRANSFORMER (22418)
Semester : IVth

Direct CO Assesment Tool /Course Evaluation Plan	TH-PA			PR-PA	PR-ESE	TH-ESE	Total
	CT-1	CT-2	Micro	PA Term work	Practical Exam	E.S.E. Board	
Max Marks As Per Teaching Scheme	20		10	25	25	70	150
Individual Weightage (%)	13.33		6.67	16.67	16.67	46.67	100

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Tests	PA Term work	Micro-project	PR-ESE	E.S.E Board
CO1	0	3	3	3	3
CO2	0	3	3	3	3

CO3	1	3	3	3	3
CO4	0	3	3	3	3
CO5	2	3	3	3	3
Average Attainment	0.60	3	3	3	3
Individual Weightage (W%)	13.33	16.67	6.67	16.67	46.67
Direct Total Attainment = (Average Attainment x Individual Weightage)	0.08	0.50	0.20	0.50	1.48
Total Direct Course Attainment					2.68
Overall Weightage					100%
OVERALL CO ATTAINMENT FOR ALL COURSES OF BATCH 2022-225 (IS SCHEME)					
Final Direct Course Attainment					2.68
Overall Course CO Attainment (B)					2.68

Figure No.3.2.2.1 DETAIL PROCEDURE OF CO ATTAINMENT CALCULATION FOR UNIT TEST, ESE TEST, TW & PR ASSESSMENT TOOL

1		C101		22101	
2		C102	BASIC SCIENCE	22102	1.75
3		C103	BASIC MATHEMATICS	22103	2.44
			BASIC MATHEMATICS		
4		C104	FUNDAMENTALS OF ICT	22001	3.00

		C105	ENGINEERING GRAPHICS	22002	1.67
5					
6		C106	WORKSHOP PRACTICE	22004	2.50
7	EE2I(2022-23)	C107	APPLIED MATHEMATICS	22210	2.64
8		C108	APPLIED SCIENCE	22211	3.00
9		C109	FUNDAMENTALS OF ELECTRICAL ENGINEERING	22212	2.76
10		C110	ELEMENTS OF ELECTRONICS	22213	1.29
11		C111	BASIC MECHANICAL ENGINEERING	22214	3.00
12		C112	BUSINESS COMMUNICATION USING COMPUTERS	22009	3.00
13	EE3I(2023-24)	C201	ELECTRICAL CIRCUITS	22324	1.49
14		C202	ELECTRICAL AND ELECTRONIC MEASUREMENTS	22325	2.90

15		C203	FUNDAMENTALS OF POWER ELECTRONICS	22326	1.35
16		C204	ELECTRICAL POWER GENERATION	22327	1.11
17		C205	ELECTRICAL MATERIALS AND WIRING PRACTICE	22328	1.81
18	EE4I (2023-24)	C206	ELECTRIC MOTORS AND TRANSFORMERS	22418	2.68
19		C207	ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION	22419	1.86
20		C208	INDUSTRIAL MEASUREMENT	22420	1.36
21		C209	DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATION	22421	1.30
22		C210	ENVIRONMENTAL STUDIES	22447	2.96
23		C211	ELECTRICAL DRAWING AND CAD	22033	3.00
24	EE5I (2024-25)	C301	MANAGEMENT	22509	3.00
25		C302	INDUSTRIAL AC MACHINES	22523	2.92
26		C303	SWITCHGEAR AND PROTECTION	22524	2.64

27		C304	ENERGY CONSERVATION AND AUDIT	22525	2.68
28		C305	ILLUMINATION AND ELECTRIFICATION OF BUILDINGS	22530	2.98
29		C306	ENTERPRENURESHIP DEVELOPMENT	22032	3.00
30		C307	INDUSTRIAL TRAINING	22057	3.00
31		C308	CAPSTONE PROJECT PLANNING	22058	3.00
32	EE6I (2024-25)	C309	MAINTENANCE OF ELECTRIC EQUIPMENT	22625	2.84
33		C310	UTILIZATION OF ELECTRICAL ENERGY	22626	2.79
34		C311	ELECTRICAL ESTIMATION AND CONTRACTING	22627	2.71
35		C312	EMERGING TRENDS IN ELECTRICAL ENGINEERING	22628	2.86

36	C313	ELECTRIC SUBSTATION PRACTICES (EE/EP/EU)	22633	2.79
37	C314	CAPSTONE PROJECT - EXECUTION & REPORT WRITING	22060	3.00

Table No.3.2.2.3–OVERALL CO ATTAINMENT FOR ALL COURSES OF BATCH 2022-225 (I-SCHEME)

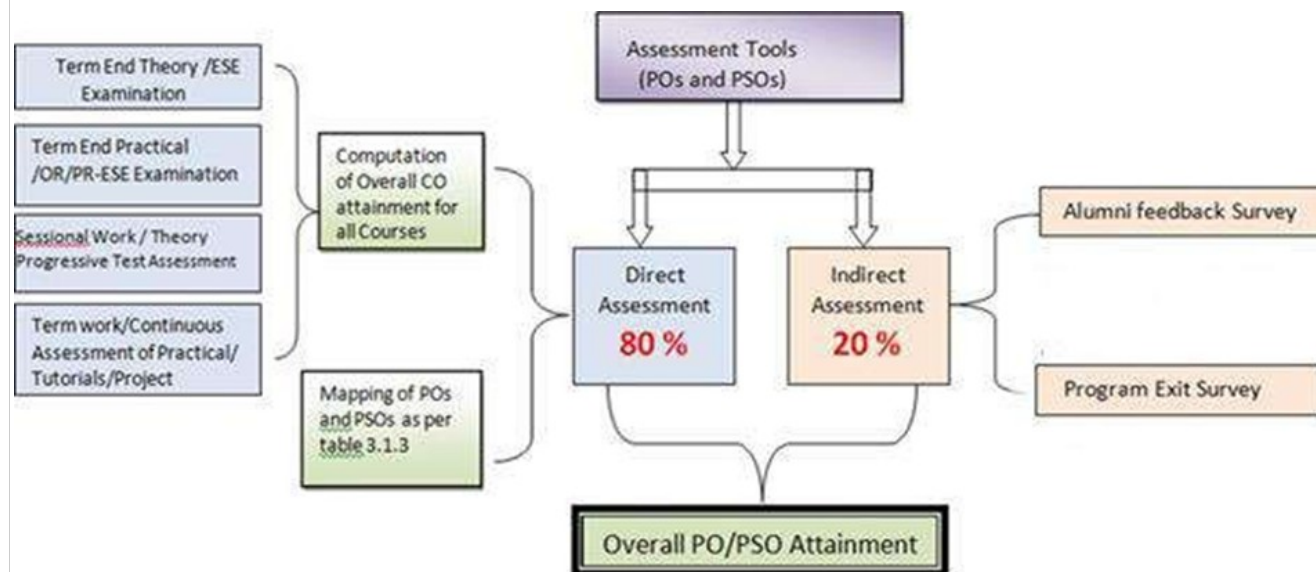
3.3 Attainment of Program Outcomes and Program Specific Outcomes (40)

Total Marks 40.00

3.3.1 Describe assessment tools and processes used for assessing the attainment of each POs and PSOs as mentioned in Annexure 1 (10)

Institute Marks

10.00



FigureNo.3.3.1.1: Assessment Tools and Process used for Assessing the Attainment of each Pos and PSOs

Following steps gives Assessment tools and processes used for assessing the attainment of each POs and PSOs. Assessment Tools and Process used for Assessing the Attainment of each POs and PSOs is as shown in Figure 3.3.1.1, Overall PO/PSO Attainment is calculated by giving 80% weightage to direct assessment and 20% weight age to indirect assessment. This Rubrics for PO/PSO attainment process consist two assessment methods i.e. 1) Direct Attainment 2) Indirect Attainment of PO/PSOs as follows:

3.3.1.1. DIRECT ATTAINMENT OF POS AND PSOS

Direct assessment level of a PO/PSO is determined by taking average across all courses addressing that PO/PSO. Now direct PO/PSO assessment of individual course is computed from Overall CO Attainment and targeted level values/ mapping strength of CO-PO mapping taken from table 3.3.1.1_ Course- PO/PSO matrix for corresponding course. Detail CO assessment rubric is used to evaluate Overall CO attainment of respective course.

Direct PO attainment value = (Mapping strength from course PO matrix x Overall CO Attainment value for the

Corresponding course)/ 3 (maximum attainment level)

Ex. Figure No.3.3.1.2 shows the direct assessment of POs/PSOs of

C22627–ELECTRICAL ESTIMATION & CONTRACTING (EEC-22627) as Sample given

below:

		Basic & Discipline Knowledge	Problem Analysis	Design/ Development of solution	Engineering Tool	Engg. Practices for Society, Env.	Project Management	Life long Learning	Exhibit Logical & Technical Skills To Building, Testing, Operation & Maintenance of Electrical System.	Apply Technical Solutions To Electrical Engineering Problems Using Suitable Methods For Social Development.	Exhibit Interpersonal Skills & Ethical Principles in Professional Field.
Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	CO22627.1	3	-	-	-	-	1	1	1	-	-
2	CO22627.2	3	1	3	2	1	1	1	1	2	-
3	CO22627.3	3	1	3	2	1	1	1	1	1	-
4	CO22627.4	3	1	3	2	1	1	1	-	-	2
5	CO22627.5	3	-	3	2	1	1	1	-	1	-
6	CO22627.6	3	-	-	-	-	1	1	2	-	-
Average Target Level (A)		3	1.00	3.00	2.00	1.00	1.00	1.00	1.25	1.33	2.00

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Test	PA Term work	Micro-project	PR-ESE	E.S.E Board
C01	3	3	3	3	3
C02	1	3	3	3	3
C03	0	3	3	3	3
C04	1	3	3	3	3
C05	0	3	3	3	3
C06	0	3	3	3	3
Average Attainment Individual	0.83	3	3	3	3
Weightage (A*B)	13.33	16.67	6.67	16.67	46.67
Direct Total Attainment - (Average Attainment x Individual Mark)	0.11	0.50	0.20	0.50	1.40
Total Direct Course Attainment					2.71
Overall Weightage					100%
Final Direct Course Attainment					2.71
Overall Course CO Attainment (B)					2.71

Direct CO- PO/PSO Actual Attainment Level =(A*B)/3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
	2.71	0.91	2.71	1.81	0.91	0.91	0.91	1.13	1.2	1.81

Figure No 3.3.1.2- Direct assessment of POs/PSOs of C22627–ELECTRICAL ESTIMATION & CONTRACTING (EEC-22627)

Similarly, Direct PO/PSO attainment is computed by using MS Excel formulated worksheets, for all courses which are addressing that PO/PSO.

INDIRECT ATTAINMENT OF PO'S AND PSO'S

Indirect assessment level of a PO/PSO is determined as average of PO/PSO attainment values based upon analysis of following surveys:

1. **Program Exit Survey:** A exit survey is conducted for students who have graduated out of the department in the Academic Year 2024-25. Relevant questionnaire in exit survey form to evaluate attainment of POs and PSOs is prepared to record their responses.
2. **Alumni Feedback Survey:** Alumni, students who have completed diploma from this institute, feedback are taken with reference to the achievement of POs through Relevant questionnaire in alumni survey form to evaluate attainment of Pos and PSOs is prepared to record their responses.

Infeed back survey, responses are analyzed with the help of suitable rubrics of rating Scale as: Rating: 1 for Slight (Low), 2 for Moderate (Medium), 3 for Substantial (High)as below:



SHRIRAM SHIKSHAN SANSTHA'S
SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (POLYTECHNIC) PANIV
 TAL- MALSHIRAS, DIST- SOLAPUR-413113
 (Approved by AICTE, New Delhi and Affiliated to MSBTE, Mumbai)

Alumini Feedback Form

POs & PSOs- Indirect Survey

ALUMINI FEEDBACK

Program:

Date:

Name of Student:

Batch:

Current Position:

Contact No. / Mail Id:

Dear Alumini,

We kindly request you to provide your valuable feedback towards the betterment of our Program. This will be helpful to us in improving the POs & PSOs attainment & make necessary changes to improve our academic activities to meet the experiences of Industry/ Society. we appreciate your help in filling up this survey please rate our alumini in request to the following aspects.

Rating: 1 for Slight (Low), 2 for Moderate (Medium), 3 for Substantial (High)

Q.No.	Questionnaire	Slight	Moderate	Substantial
		1	2	3
1	Did your diploma help you apply basic mathematics, science, and engineering concepts in your job?			
2	Are you able to identify and analyze engineering problems at your workplace using the methods learned during your diploma?			
3	Are you able to contribute to designing or improving technical solutions, components, or processes in your work?			
4	Do you use modern engineering tools, instruments, or software effectively in your job?			
5	Do you consider social, environmental, and sustainability factors while applying engineering solutions?			
6	Are you able to manage tasks or small projects using the engineering management concepts learned during your diploma?			
7	Do you feel your diploma education encourages you to update your knowledge regularly?			
8	Do you systematically test electrical circuits for faults during operation			
	Did you select and adapt technical methods for electrical problems in a			

9	Did you implement business or societal projects in a way that aligned with community needs and long-term sustainability?			
10	Did you balance team dynamics and ethical considerations during a work			

Indirect PO & PSO Attainment Levels by Indirect Assessment Method is presented below:

Sr. No.	Feedback Analysis for Indirect Evaluation	Average									
		PO 01	PO 02	PO 03	PO 04	PO 05	PO 06	PO 07	PSO1	PSO2	PSO3
1	Program exit Survey	2.4	2.33	1.93	2.47	1.8	2.07	2.47	2.53	2.2	1.93
2	Alumni Feedback Survey	2.74	2.48	2.26	2.17	2.87	2.74	2.78	2.3	2.43	2.61
Average Attainment of POs & PSOs by Indirect Assessments		2.57	2.41	2.1	2.32	2.34	2.41	2.63	2.415	2.315	2.27

Table No. -3.3.1.1 Indirect PO &PSO attainment

3.3.2 Provide results of evaluation of each PO & PSO (30)

Institute Marks

30.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101	1.70	0.97	PO3	PO4	0.61	0.97	1.46
C102	1.75	1.07	0.78	1.26	0.88	0.78	0.78
C103	2.44	2.44	PO3	PO4	PO5	PO6	1.63
C104	3.00	1.16	1.33	3.00	1.00	2.00	2.20
C105	1.67	PO2	PO3	1.11	PO5	1.11	PO7
C106	1.50	0.83	2.50	1.67	PO5	PO6	0.83
C107	2.64	2.64	0.88	0.88	0.88	0.88	1.76
C108	3.00	1.50	1.33	1.33	1.50	1.20	1.00
C109	2.76	0.92	0.92	1.47	1.47	PO6	1.84
C110	1.29	0.86	0.86	0.86	PO5	PO6	0.86
C111	2.80	2.00	1.00	2.00	2.80	1.00	2.60
C112	1.00	1.00	PO3	1.00	PO5	2.00	1.00

C201	1.49	1.29	0.90	0.60	PO5	PO6	0.70
C202	2.90	1.93	0.97	1.69	1.93	2.18	1.93
C203	1.26	1.08	1.17	1.17	0.90	0.63	0.90
C204	1.11	0.81	0.44	0.74	1.03	0.44	0.59
C205	1.81	1.21	1.33	1.21	0.97	0.84	1.33
C206	1.79	1.25	1.25	1.43	1.25	1.25	1.07
C207	1.86	1.24	0.62	0.93	1.24	1.39	1.24
C208	1.36	1.00	0.63	0.99	0.63	0.91	0.54
C209	1.30	1.30	0.78	0.78	0.43	0.76	0.61
C210	1.38	1.57	1.38	1.57	1.38	1.38	1.38
C211	2.40	1.60	2.25	2.20	1.00	1.00	1.00
C301	1.00	1.60	2.60	PO4	1.00	2.40	3.00
C302	2.92	2.33	2.14	2.53	2.14	PO6	0.97
C303	2.64	1.76	2.35	1.76	2.64	1.76	1.91
C304	2.68	2.14	2.14	1.79	1.79	1.34	2.68
C305	2.81	1.82	1.16	1.39	1.99	2.18	1.82
C306	2.00	2.00	2.00	2.00	PO5	2.80	2.00
C307	2.30	2.20	2.80	2.00	2.20	2.70	1.80
C308	3.00	1.83	1.33	3.00	1.25	2.00	1.50
C309	2.65	2.65	1.70	2.27	2.08	2.08	2.65
C310	2.80	1.90	0.90	1.40	1.90	2.10	1.90
C311	2.71	0.91	2.71	1.81	0.91	0.91	0.91
C312	2.29	2.29	1.91	2.10	1.91	1.91	1.53
C313	2.80	1.90	1.40	1.70	2.20	0.90	1.10
C314	2.33	2.20	2.67	2.00	2.00	2.67	2.75

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	2.14	1.59	1.49	1.58	1.46	1.50	1.49

InDirect Attainment	2.57	2.41	2.1	2.32	2.34	2.41	2.63
PO Attainment	2.23	1.75	1.61	1.73	1.64	1.68	1.72

PSO Attainment

Course	PSO1	PSO2	PSO3
C101	PSO1	PSO2	0.61
C102	0.58	0.68	PSO3
C103	0.97	1.31	0.82
C104	1.00	1.00	1.00
C105	0.56	PSO2	PSO3
C106	1.67	0.83	0.83
C107	0.88	1.41	1.47
C108	1.00	1.50	1.00
C109	2.02	1.47	1.84
C110	0.43	0.71	0.43
C111	2.00	1.20	1.33
C112	PSO1	PSO2	1.00
C201	0.80	0.80	0.50
C202	2.13	1.55	0.97
C203	1.08	1.17	0.75
C204	1.11	0.96	0.37
C205	1.57	1.45	1.09
C206	1.07	1.34	0.89
C207	1.48	1.11	0.62
C208	1.36	0.54	0.82
C209	1.13	0.87	0.43
C210	0.98	0.98	0.98
C211	2.80	2.20	2.20
C301	PSO1	1.00	1.60

C302	2.14	2.33	0.97
C303	1.47	1.76	1.06
C304	2.14	2.50	2.32
C305	2.32	1.82	1.64
C306	PSO1	PSO2	1.60
C307	2.30	1.30	1.00
C308	1.33	2.50	2.00
C309	2.46	2.65	2.46
C310	2.20	1.70	0.90
C311	1.13	1.20	1.81
C312	2.29	2.67	2.29
C313	2.60	2.90	2.00
C314	2.67	1.75	2.67

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	1.57	1.49	1.26
InDirect Attainment	2.415	2.315	2.27
PSO Attainment	1.74	1.66	1.46

4 STUDENTS' PERFORMANCE (200)

Total Marks 104.03

Institute Marks

Intake Information:

Table 4.1

Item	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)
Sanctioned intake strength of the program((N)	60	60	60	60	60	60

Total number of students, admitted through state level counseling (N1)	57	62	61	68	35	33
Number of students, admitted through Institute level quota (N2)	0	0	0	0	0	0
Number of students, admitted through Lateral Entry (N3)	0	17	26	24	41	34
Total number of students admitted in the programme(N1 + N2 + N3)	57	79	87	92	76	67

Table 4.2

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully passed without backlogs in any year of study		
		I year	II year	III year
2025-26	57	0	0	0
2024-25	79	18	0	0
2023-24	87	1	5	0
2022-23 (LYG)	92	7	5	4
2021-22 (LYGm1)	76	24	6	6
2020-21 (LYGm2)	67	24	40	5

Table 4.3

Year of entry	Total No of students admitted in the program(N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]		
		I year	II year	III year
2025-26	57	0	0	0
2024-25	79	41	0	0
2023-24	87	37	23	0
2022-23 (LYG)	92	50	14	14
2021-22 (LYGm1)	76	29	28	11
2020-21 (LYGm2)	67	31	60	6

20.00

	N (From Table 4.1)	N1 + N2 (From Table 4.1)	Enrollment Ratio [(N1 + N2 / N)*100]
2025-26	60	57	95.00
2024-25	60	62	103.33
2023-24	60	61	101.67

Average [(ER1 + ER2 + ER3) / 3] : 100.00

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (60)**Total Marks 4.93****4.2.1 Success rate without backlogs in any year of study (40)**

Institute Marks

2.40

Item	Last Year Graduate (2022-23)	Last Year Graduate Minus 1 Batch (2021-22)	Last Year Graduate Minus 2 Batch (2020-21)
Total Number of students (X) (admitted through state level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	92.00	76.00	67.00
Number of students who have graduated without backlogs in the stipulated period (Y)	4.00	6.00	5.00
Success Index [SI = Y / X]	0.04	0.08	0.07

Average SI [(SI1 + SI2 + SI3) / 3] : 0.06

Assessment [40 * Average SI] : 2.40

4.2.2 Success rate in stipulated period (20)

Institute Marks

2.53

Item	Latest Year of Graduation, LYG (2022-23)	Latest Year of Graduation minus 1, LYGm1 (2021-22)	Latest Year of Graduation minus 2 LYGm2 (2020-21)
Total Number of students (X) (admitted through state	92.00	76.00	67.00

level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)			
Number of students who have passed in the stipulated period (Y)	14.00	11.00	6.00
Success Index [SI = Y / X]	0.15	0.14	0.09

Average SI[(SI1 + SI2 + SI3) / 3]: 0.13

Assessment [20 * Average SI] : 2.53

4.3 Academic Performance in First Year (25)

Total Marks 11.14

Institute Marks
11.14

Academic Performance	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	6.93	6.50	6.60
Total number of successful students(Y)	41.00	37.00	50.00
Totalnumber of students appeared in the examination(Z)	62.00	61.00	68.00
API [X*(Y/Z)]:	4.58	3.94	4.85

Average API [(AP1 + AP2 + AP3)/3] : 4.46

Assessment [2.5 * AverageAPI] : 11.14

4.4 Academic Performance in Second Year (20)

Total Marks 4.28

Institute Marks
4.28

Academic Performance	2023-24(CAYm2)	2022-23(CAYm3)	2021-22(CAYm4)
Mean of CGPA or mean percentage of all successful students(X)	6.40	6.90	6.93
Total number of successful students (Y)	23.00	14.00	28.00

Total number of students appeared in the examination (Z)	63.00	74.00	70.00
API [X * (Y/Z)]	2.34	1.31	2.77

Average API [(AP1 + AP2 + AP3)/3] : 2.14

Assessment [2.0 * AverageAPI] : 4.28

4.5 Academic Performance in Final Year (15)

Total Marks 5.68

Institute Marks
5.68

Academic Performance	2022-23 (LYG)	2021-22 (LYGm1)	2020-21(LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.60	7.50	8.00
Total number of successful students(Y)	14.00	11.00	6.00
Totalnumber of students appeared in the examination(Z)	14.00	28.00	60.00
API [X*(Y/Z)]:	7.60	2.95	0.80

Average API [(AP1 + AP2 + AP3)/3] : 3.78

Assessment [1.5 * AverageAPI] : 5.68

4.6 Placement and Higher Studies (40)

Total Marks 38.00

Institute Marks
38.00

Item	2022-23 (Last Year Graduate,LYG)	2021-22 (Last Year Graduate Minus 1 Batch,LYGm1)	2020-21 (Last Year Graduate Minus 2 Batch,LYGm2)
Total No of Final Year Students(N)	14.00	28.00	60.00
No of students placed in the companies or goverment sector(X)	6.00	17.00	31.00
No of students admitted to higher studies (Y)	8.00	6.00	5.00
No. of students turned entrepreneur in the respective field of engineering/ technology (Z)	0.00	1.00	0.00

Placement Index $(((1.25 * X) + Y + Z) / N)$:	1.11	1.01	0.73
--	------	------	------

Average Placement $[(P1 + P2 + P3)/3]$: 0.95

Assessment $[40 * \text{Average Placement}]$: 38.00

Provide the placement data in the below mentioned format with the name of the program and the assessment year (separately for CAYm1, CAYm2 and CAYm3):

Program Name : Electrical Engineering

Assessment Year : 2024-25 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	BHAGAT HARSHAD BALKRI	2209940150	Shree Samarth Enterprises	
2	BHANAVASE NIKHIL SANJAY	2209940151	Greensahyadri Industries, I	
3	DHERE NISHANT NAVNATH	2209940161	ShreeSamarth Enterprises,	
4	GAVALI SIDDHESHWAR SACHIN	2209940167	SP Enterprises, Sangola.	
5	JADHAV NISARGRAJ KISHOR	2209940173	SP Enterprises, Sangola.	
6	LONDHE RITESH RAMESH	2209940186	Vinayak Light House, Jath.	
7	MORE AKASH HANUMANT	2209940193	Curiosity Automation, Bara	
8	PAWAR SAMARTH PANDURANG	2209940275	Tata Cummins Private Limi	
9	PANDHARE ANUP DATTATRAYA	23212330289	Cummin's India Ltd, Baran	
10	KOKATE VAISHNAVI VASANT	23212330298	MSEDCL, Vaduj	
11	KOKATE SUPRIYA VASANT	23212330283	SP Enterprises, Sangola.	

Assessment Year : 2023-24 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	DAUNDE RIYA RAMESH	2109940022	Vinayak Light House, Jath.	
2	UGALE SUSHIL SUDHAKAR	2109940023	Curiosity Automation, Bara	
3	GHADAGE JAGADISH VIJAY	2109940024	Harman Electronics Pvt. Lt	
4	RUPNAWAR RAMCHANDRA	2109940031	Tenneco Clean Air India Pv	
5	JADHAV ATUL NAVNATH	2109940042	Harman Electronics Pvt. Lt	
6	MUJAWAR IMRAN SHAHAJ	2109940044	Curiosity Automation, Bara	
7	NALAWADE DNYANESHWAR	2109940054	Harman Electronics Pvt. Lt	

8	GAIKWAD PRATHMESH RA	2209940476	Vinayak Light House, Jath.	
9	MASKE ADESH BAJARANG	2209940478	Vinayak Light House, Jath.	
10	SURVASE CHAITANYA NAV	2209940479	Piaggio Vehicles, Baramati	
11	PETKAR SAHIL SANTOSH	2209940483	Curiosity Automation, Bara	
12	RANDIVE YASH SUDHIR	2209940490	Harman Electronics Pvt. Lt	
13	YADAV NILISH NITIN	2209940492	Vinayak Light House, Jath.	
14	KHARAT KESHAV DATTU	2209940493	Lukas TVS, Chakan.	
15	GOPHANE NAVANATH DNY	2209940500	Aryan Pumps, Indapur.	
16	SHINDE AMOL PARMESHW	2209940506	John Deere India Pvt. Ltd,	
17	SAWANT KANCHAN MAHES	2209940511	Vinayak Light House, Jath.	
18	GAIKWAD OM SANJAY	2109940025	Lukas TVS, Chakan.	
19	DADAS HANUMANT SARJE	2109940034	Piaggio Vehicles, Baramati	
20	DALVI ANIKET SANJAY	2109940036	Midas Metrology Solutions,	
21	SHEGAR NARENDRA SHAH	2109940043	Kabra Batterix Pvt. Ltd., Pu	

Assessment Year : 2022-23 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	GUDE MANAV MADHAV	2009940087	Piaggio Vehicles, Baramati	
2	SHAIKH KALIM CHAND	2009940091	Varroc Lighting, Chakan	
3	KHUDE VIVEK TANAJI	2009940094	ZF India, Pune.	
4	LONDHE UMESH DILIP	2009940095	Piaggio Vehicles, Baramati	
5	SATPUTE SAURABH TANAJ	2009940097	Varroc Lighting, Chakan	
6	MADANE AKASH SATISH	2009940100	Varroc Lighting, Chakan	
7	CHAVAN DNYANESHWAR D	2009940101	Piaggio Vehicles, Baramati	
8	PATIL PRUTHVIRAJ ARUN	2009940105	Varroc Lighting, Chakan	
9	GURAV ADITYA VIJAY	2009940106	Spraytech India, Indapur.	
10	MARKAD SAMADHAN RAVS	2009940107	Varroc Lighting, Chakan	
11	FULARE VIJAY SANJAY	2009940108	Piaggio Vehicles, Baramati	
12	KAMBALE PRAJYOT ANAND	2009940112	Shree Samarth Enterprises	
13	MANE VIRAJ SUNIL	2009940113	Shree Samarth Enterprises	

14	PATIL ADHIRAJ SUBHASH	2009940115	Varroc Lighting, Chakan	
15	GAIKAWAD PRUTHVIRAJ B	2009940116	Varroc Lighting, Chakan	
16	VYAVAHARE ESHA ARUN	2009940117	Shree Samarth Enterprises	
17	NALE TEJAS PRALHAD	2009940118	ZF India, Pune.	
18	BORKAR ANIKET NISHIKAI	2009940120	Shree Samarth Enterprises	
19	SAWANT NARENDRA RAMC	2010740374	Info AutoTech India, Baran	
20	GIRME YOGESH VASANT	2109940181	Info AutoTech India, Baran	
21	PATHAN RUKSANA GULAB	2109940182	Shree Samarth Enterprises	
22	KALOKHE SHIVAM GAJANA	2109940184	SP Enterprises, Sangola.	
23	HULGE SAGAR DADASO	2109940188	SP Enterprises, Sangola.	
24	KALE PRASAD VIKAS	2109940193	Shree Samarth Enterprises	
25	KANGUDE VISHAL MOHAN	2109940197	Info AutoTech India, Baran	
26	PANDHARE SACHINE HARI	2109940200	Info AutoTech India, Baran	
27	BHANDALKAR RAVINDRA E	2109940203	Kabra Batterix Pvt. Ltd., Pu	
28	GEJAGE HARSHAD NAVNA	2109940205	Spraytech India, Indapur.	
29	GURAV ANIKET DHANANJ	2109940206	Kabra Batterix Pvt. Ltd., Pu	
30	PISE SANKET NILKANTH	2109940207	Midas Metrology Solutions,	
31	PATIL NAVNATH MARUTI	2109940209	Midas Metrology Solutions,	

4.7 Professional Activities (20)**Total Marks 20.00****4.7.1 Professional societies/ student chapters and organizing technical events (10)****Institute Marks****10.00**

A. Availability of Professional Societies/Chapters & Relevant activities (5)**Institute Marks****5.00****4.7 Professional Activities (20)****4.7.1 Professional societies / student chapters and organizing technical events (10)**

(The Department shall provide relevant details w.r.t following points)

A. Availability of Professional Societies/Chapters & Relevant activities (05)**Table 4.7.1 A: Availability of Professional Societies / Chapters**

Sr. No.	Name of Society / Chapter	Type	Year of Availability	Remarks
1	Electrical Engineering Students Association (EESA)	Departmental		Organizes technical activities
2	Indian Society for Technical Education (ISTE)	Professional Body	2025–26	Institutional Membership





SC Code: MH355
SM No.: 62

FOUNDED 1968

***THE INDIAN SOCIETY FOR
TECHNICAL EDUCATION***

By approval of the Executive Council, has admitted

SHAHANE ANURADHA
Shriram Institute of Engineering and Technology
(Polytechnic), Paniv
as

STUDENT MEMBER

for the duration
23-06-2026 to 23-06-2029





Table 4.7.1 A1: Professional Activities Details

Shriram Shikshan Sanstha's
SHRIRAM INSTITUTE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC - PANIV
 Tal: Malshiras, Dist: Solapur, Pin: 413113
 Approved by A.I.C.T.E., DTE & Maharashtra State, Affiliated to M.S.B.T.E.Mumbai

ON THE OCCASION OF BIRTHDAY OF HON.MAA & HON.BAPU
TECHNOFEST - 2K25
A STATE LEVEL TECHNICAL EVENT

DATE
30.09.2025

Prizes Worth 50,000/-

Department of Computer Technology		Department of Mechanical Engineering		Department of E&TC & Electrical Engineering	
BLIND C	ROAD RASH	SKETCH MASTER	PROJECT / PROJECT THEME ON POSTER	QUIZ COMPETITION	
Staff Co-Ordinator Ms.Adar S.M. (8379998336)	Student Co-Ordinator Mr.Dhere Y.D. (7620453079)	Staff Co-Ordinator Mr.Shinde P.D. (7488531384)	Student Co-Ordinator Mr.Bejarang Kamble (9325475575)	Staff Co-Ordinator Ms.Thengal K.A. (951605289)	Student Co-Ordinator Mr.Sushant Markad (8087203475)
Staff Co-Ordinator Mr.Thaware S.D. (9370297903)	Student Co-Ordinator Mr.Kulkarni Om (8405942533)	Staff Co-Ordinator Ms.Deshmukh A.H. (951799222)	Student Co-Ordinator Mr.Khot Ganesh (9503863962)		
Registration Fee Rs.50/ Participant	Registration Fee Rs.100/ Participant	Registration Fee Rs.100/ Participant	Registration Fee Rs.50/ Participant (Max.4 Stds)	Registration Fee Rs.50/ Participant	

Event Sponsor

Department of Civil Engineering		Event Sponsor	
CAD RACE	BRIDGE MODEL MAKING	LIC	Spraytech
Staff Co-Ordinator Ms.Karbu S.J. (7775007819)	Student Co-Ordinator Mr.Utkarsh Sarode (8420666080)	HDFC BANK	DISHA
Staff Co-Ordinator Mr.Gade S.P. (9730646371)	Student Co-Ordinator Mr.Kishikesh Lavate (9922058898)		
Registration Fee Rs.50/ Participant	Registration Fee Rs.100/ Group (2 Participant)		

HOD'S

PATRON'S	
Mr.Dhrange M.H. (E&TC Dept.)	Mr.Lawand S.S. (Mechanical Dept.)
Mr.Zanje N.V. (Civil Dept.)	Ms.Salunkhe S.A. (Electrical Dept.)
Ms.Thengal P.S. (Computer Dept.)	

PATRON'S

PATRON'S	
Ms.Shravani Babar Event Co-ordinator	Mr.Prasad Lokhande Event Co-ordinator
Mr.Prakash Dhainje (Principal)	Hon.Vinod Babar (S.E.O.)
Hon.Adv.Abhishhek Patil (Secretary)	Hon.Karan Patil (Vice-President)
Hon.Shrilekha Patil (Mentor)	Hon.Prakash Patil (President)

Sweet Design 7879954442

Fig. 4.7.1 A1-01: Publicity Poster of "TECHNOFEST-2K25" – State Level Technical Event, 2025-26





4.7.1 A1-02: *Glimpses of Student Participation in “TECHNOFEST-2K25” – State Level Technical Event, 2025-26*

Sr. No.	Academic Year	Society / Chapter	Name of Activity	Date	Organizing Body	Level	No. of Students	Outcome
1	2025–26	EESA / ISTE	Quiz Competition	30/09/2025	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	229	Exhibit Logical And Technical Skills To Building, Testing,

								Operation And Maintenance Of Electrical System (PSO1)
2	2025–26	EESA / ISTE	Poster Presentation	30/09/2025	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	165	Development of teamwork and leadership skills
3	2024–25	EESA	Quiz Competition	30/09/2024	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	225	Enhancement of technical participation
4	2024–25	EESA	Poster Presentation	30/09/2024	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	68	Improvement in technical knowledge
5	2023–24	EESA	Making Windmills at minimum cost & Sky observation with telescope	25/09/2023	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	86	Enhancement of student participation
6	2023-24	EESA	Poster Presentation	26/09/2023	Department of Electrical Engineering, SIET (Poly) Paniv	State Level	110	Improves analytical and logical thinking skills.

B. Number, quality of engineering events (5)

Institute Marks

5.00

B. Number, quality of engineering events (05)**Table 4.7.1 B: Engineering Events Conducted**

Sr. No.	Academic Year	Type of Activity	Date	Organizing Body & Institute	Level
1	2025–26	Technical Event – Quiz Competition	30-09-2025	Department of Electrical Engineering, SIET (Paniv)	State Level
2	2025–26	Technical Event – Poster Presentation	30-09-2025	Department of Electrical Engineering, SIET (Paniv)	State Level
3	2024–25	Technical Event - Quiz Competition	30-09-2024	Department of Electrical Engineering, SIET (Paniv)	State Level
4	2024–25	Technical Event - Poster Presentation	30-09-2024	Department of Electrical Engineering, SIET (Paniv)	State Level
5	2023–24	Technical Event - Quiz Competition	30-09-2023	Department of Electrical Engineering, SIET (Paniv)	State Level
6	2023-24	Technical Event - Roborace	30-09-2023	Department of Electrical Engineering, SIET (Paniv)	State Level

Table 4.7.1 B1: Quality of Engineering Events

Sr. No.	Quality Parameter	Description

1	Level of Events	All events conducted at State Level
2	Relevance to Curriculum	Helps students revise core concepts of engineering subjects, improve analytical thinking
3	Skill Development	Enhancing communication skills, teamwork, confidence, and awareness of current technological developments
4	Student Engagement	Active participation of students in activities
5	Outcome	Contributes to attainment of PSO1 and Program Outcomes

The Electrical Engineering Department organizes various state-level technical events such as Technical Quiz Competitions, Poster Presentations, and Roborace competitions every academic year. These events demonstrate the department's continuous efforts toward promoting technical learning and student participation. The activities are closely related to core engineering subjects and are designed to support skill development and outcome-based education. Through active participation, students enhance their technical knowledge, teamwork, leadership qualities, creativity, and problem-solving abilities, which contribute to their overall academic and professional growth.

4.7.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks

A. Quality & Relevance of the contents and Print Material (3)

Institute Marks

3.00

4.7.2Publication of technical magazines, newsletters, etc. (05)

(The Department shall list the publications mentioned earlier along with the names of the editors, publishers, etc.)

A. Quality & Relevance of the contents and Print Material (3)

Department Newsletter is published half Yearly & Technical Magazine published per year.

Sr.No	Publication	Year of Publication	Editorial Team
1	Newsletter	2025-2026	Ms. Satav P.S. Ms.Deshmukh A. H.
2	Newsletter		
3	Technical Magazine		
4	Newsletter	2024-2025	Ms. Gadhave A.S. Mr. Salunkhe S.H.
5	Newsletter		
6	Technical Magazine		
7	Newsletter	2023-2024	Mr. Patil S.B. Ms. Mohite N.S.
8	Newsletter		
9	Technical Magazine		

B. Participation of Students from the program (2)

Institute Marks

2.00

A. Participation of Students from the program (2)**Student participation in Academic Year 2025-2026**

Sr.No.	Enrollment No	Name of Student
--------	---------------	-----------------

1	25212330478	Shahane Anuradha Vijay
2	24212330478	Bhais Rutuja Malhari
3	24212330522	Tamtame Namrata Bhairavnath
4	23212330230	Dethe Nikita Satyawar
5	24212330482	Kale Atharv Arun
6	23212330250	Galande Shubham Suresh
7	24212330531	Markad Sonali Nana
8	25009940021	Bhuite Onkar Ramdas
9	24212330501	Rokade Anil Dipak
10	25212330507	Sawant Rugved Subhash
11	25212330500	Ektapure Shubhangi Santosh

Student participation in Academic Year 2024-2025

Sr.No.	Enrollment No	Name of Student
1	24212330512	Jadhav Shrinivas Gopal
2	23213440614	Khot Ganesh kuber
3	24212330543	Avatade Jay Pramod
4	2209940152	Bidkar Madhura Samadhan
5	23212330294	Waghmode Nikita Balaso

6	24212330462	Survase Vikas Laxman
7	24212330513	Shinde Shrikant Hanumant
8	23212330275	Palve Tushar Rajendrakumar
9	24212330527	Pore Arjun Somnath
10	2209940167	Gavali Siddheshwar Santosh
11	23212330283	Kokate Supriya Vasant
12	2209940200	Patil Rohit Babasaheb

Student participation in Academic Year 2023-2024

Sr.No.	Enrollment No	Name of Student
1	23212330228	Torane Amruta Satish
2	2109940022	Daunde Riya Ramesh
3	2209940477	Jadhav Samarth Sunil
4	2209940196	Mujawar Muskan Samir
5	2209940164	Fate Prasad Shankar
6	23212330222	Gejage Ashlesha Ashok
7	2209940161	Dhere Nishant Navnath
8	2209940155	Chavan Shivteg Pintu
9	2109940022	Kangude Ravi Haridas

10	2109940024	Ghadage Jagadish Vijay
11	2209940505	Magar Aditya Santosh
12	2209940506	Shinde Amol Parmeshwar

4.7.3 Participation in inter-institute / state/national events by students of the program of study (5)

Institute Marks

5.00

4.7.3 Participation in Inter-Institute / State/National Events by students of the program of study (05)

(The Department shall provide a table indicating participation, award, and recognition.)

We encourage students to Participate in different co-curricular activities to get exposures to their hidden talent, following are the details of participation and award received

Table 4.7.3.A CAY 2025-2026 Participation of Students.

Sr.No	Name of Event/ Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Volleyball	Honrao Om Sudhir	12/02/2026	Head Quarter at Government Polytechnic, Pune	Zonal	Runner-up	PO1,PO7,PSO3
2	Electro Extempore	Ganesh Vijay Gurav	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
3	Electro Extempore	Jay Pramod Avatade	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1

4	Electro Extempore	Arjun Somnath Pore	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
5	Electro Extempore	Shubham Suresh Galande	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
6	E - Quiz	Tushar Rajendrakumar Palve	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
7	E - Quiz	Pritam Siddharth Randive	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
8	E - Quiz	Navnath Vinod Koli	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
9	E - Quiz	Vishwanath Nagnath Bhandare	15/09/2025	SVERIs COE, Pandharpur (Autonomous)	National Level	Participant	PO1,PO7,PSO1
10	Circuit Sudoku	Vishwanath Nagnath Bhandare	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
11	Circuit Sudoku	Sonali Nanaso Markad	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
12	Circuit Sudoku	Navnath Vinod Koli	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1

13	Circuit Sudoku	Amruta Satish Torane	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
14	Circuit Sudoku	Shivtej Tukaram Kambale	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
15	Circuit Sudoku	Ganesh Rajinikant Sathe	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
16	Circuit Sudoku	Jay Pramod Avatade	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
17	Circuit Sudoku	Shivraj Santaji Ghorpade	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
18	Circuit Sudoku	Shubham Suresh Galande	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
19	Circuit Sudoku	Arjun Somnath Pore	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
20	Circuit Sudoku	Shrinavas Gopal Jadhav	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
21	Circuit Sudoku	Sarthak Deepak Bhosale	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
22	Circuit Sudoku	Shrikant Hanumant Shinde	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
23	Circuit Sudoku	Namrata Bhairavnath Tamatame	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
24	Poster Presentation	Anjali Gajanan Falke	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Runner-Up	PO1,PO7,PSO1
25	Poster Presentation	Rutuja Malhari Bhais	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Runner-Up	PO1,PO7,PSO1

26	Poster Presentation	Nikita Satyavan Dethe	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
27	Poster Presentation	Ashlesha Ashok Gejage	18/09/2025	Shivaji Polytechnic College, Sangola	State Level	Participant	PO1,PO7,PSO1
28	Quiz Competition	Atharv Arun Kale	28/02/2026	Fabtech Technical Campus, College of Engineering and Research, Polytechnic, Sangola.	National Level	Participant	PO1,PO7,PSO1
29	Quiz Competition	Ganesh Rajnikant Sathe	28/02/2026	Fabtech Technical Campus, College of Engineering and Research, Polytechnic, Sangola.	National Level	Participant	PO1,PO7,PSO1
30	Quiz Competition	Shrinivas Gopal Jadhav	28/02/2026	Fabtech Technical Campus, College of Engineering and Research, Polytechnic, Sangola.	National Level	Participant	PO1,PO7,PSO1
31	Quiz Competition	Shivraj Santaji Ghorpade	28/02/2026	Fabtech Technical Campus, College of Engineering and Research, Polytechnic, Sangola.	National Level	Participant	PO1,PO7,PSO1
32	Quiz Competition	Shrikant Hanumant Shinde	28/02/2026	Fabtech Technical Campus, College of Engineering and Research, Polytechnic, Sangola.	National Level	Participant	PO1,PO7,PSO1
33	Paper Presentation	Jay Pramod Avatade	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1
34	Paper Presentation	Shubham Suresh Galande	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1

35	Paper Presentation	Amruta Satish Torane	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1
36	Paper Presentation	Ashlesha Ashok Gejage	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1
37	Paper Presentation	Nikita Satyavan Dethé	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1
38	Paper Presentation	Sonali Nanaso Markad	28/02/2026	A.G. Patil Polytechnic Institute, Solapur (Maharashtra).	National Level	Participant	PO1,PO7,PSO1
39	Paper Presentation	Namrata Bhairavnath Tamatame	28/02/2026	A.G.Patil Polytechnic Institute, Solapur(Maharashtra).	National Level	Participant	PO1,PO7,PSO1



Fig. 4.7.3.A-01: Runner-up in Volleyball (Zonal Level – IEDSSA Maharashtra) – Mr. Om Sudhir Honrao, 2025-26



Fig. 4.7.3.A-02: Participation in State Level Project Competition “TECHUTSAV” – Mr. Bhosale Sarthak Deepak, 2025-2026

Table 4.7.3.B CAY m1 2024-2025 Participation of Students.

Sr. No	Name of Event/ Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Athletics	Thorat Sanket Dhanaji	07/02/2025	Karmyogi polytechnic college, Shelve Pandharpur	Zonal	Winner	PO1,PO7,PSO3

2	Athletics	Thorat Sanket Dhanaji	01/03/2025	Samarth Poly, Junner	Inter-Zonal	Winner	PO1,PO7,PSO3
3	State level Paper presentation	Torane Amruta Satish	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
4	State level Paper presentation	Mujawar Muskan	25/09/2024	Shri Siddheshwar Women's polytechnic, Solapur	State	Participated	PO1,PO7,PSO1
5	State level Paper presentation	Nikita Waghmode	25/09/2024	Shri Siddheshwar Women's polytechnic, Solapur	State	Participated	PO1,PO7,PSO1
6	State level Paper presentation	Dethe Nikita Satywan	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
7	State level Paper presentation	Pandhare Anup Dattatray	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
8	State level Paper presentation	Mujawar Muskan	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
9	State level Paper presentation	Torane Amruta Satish	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
10	State level Paper presentation	Jay pramod Avatade	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
11	State level Paper presentation	Ganesh Kuber Khot	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1

12	State level Paper presentation	Gejage Ashlesha Ashok	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
13	Poster Presentation	Gaikwad Ruturaj	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
14	Poster Presentation	Aashish Parse	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Winner	PO1,PO7,PSO1
15	Poster Presentation	Palve Tushar	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
16	Poster Presentation	Kiran Londhe	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
17	Poster Presentation	Shubham Galande	14/09/2024	Vidya Partishthan's polytechnic college, Indapur	State	Participated	PO1,PO7,PSO1
18	Quiz	Mujawar Muskan	30/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
19	Quiz	Nishant Navnath Dhere	30/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
20	Quiz	Nikita Waghmode	30/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1

21	Quiz buzz	Gurav Ganesh Vijay	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
22	Quiz buzz	Sanket Vijay Rakhunde	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
23	Quiz buzz	Gaikwad Ruturaj	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
24	Quiz buzz	Raut Pranav Dnyaneshwar	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
25	Quiz buzz	Ughade Arjun Ravindra	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
26	Quiz buzz	Mulla Aman	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
27	Quiz buzz	Kiran Londhe	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
28	Quiz buzz	Aashish Parse	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
29	Quiz buzz	Palve Tushar	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1
30	Circuit Sudoku	Fate Prasad Shankar	28/09/2024	Shivaji Polytechnic college, Sangola	State	Participated	PO1,PO7,PSO1

Table 4.7.3.C CAY m2 2023-2024 Participation of Students.

Sr. No	Name of Event/ Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Wrestling	Randive Yash Sudhir	10/03/2024	IEDSSA	Zonal	Participated	PO1,PO7,PSO3
2	Kho-Kho	Arjun Shivam Ashok	01/02/2024	IEDSSA	Zonal	Participated	PO1,PO7,PSO3
3	Kho-Kho	Dhere Nishant Navnath	01/02/2024	IEDSSA	Zonal	Participated	PO1,PO7,PSO3
4	Wight Lifting	Randive Yash Sudhir		IEDSSA	Zonal	Participated	PO1,PO7,PSO3
5	Cricket	Borkar Amol Balasaheb	05/02/2024	IEDSSA	Zonal	Participated	PO1,PO7,PSO3
6	Cricket	Korbu Hajratadil Karim	05/02/2024	IEDSSA	Zonal	Participated	PO1,PO7,PSO3
7	Cricket	Mulla Aman Jakir	05/02/2024	SVERI's College of Engineering (Polytechnic), Pandharpur.	Zonal	Participate	PO1,PO7,PSO3
8	Kabaddi	Thorat Sanket Dhanaji	01/02/2024	Head Quarter at Government Polytechnic, Pune	Zonal	Runner-up	PO1,PO7,PSO3
9	Kabaddi	Devkate Prabhu Ramchandra	01/02/2024	Head Quarter at Government Polytechnic, Pune	Zonal	Runner-up	PO1,PO7,PSO3
10	Volleyball	Mujawar Imran Shahajan	31/01/2024	Head Quarter at Government Polytechnic, Pune	Zonal	Runner-up	PO1,PO7,PSO3
11	Quiz	Jadhav Atul	21/10/2023	Fabtech Technical Campus College of Engg., Sangola	National	Participated	PO1,PO7,PSO1
12	Quiz	Jadhav Nisargraj	19/03/2024	Shankar Maharshi	State	Participated	PO1,PO7,PSO1

Table 4.7.3.D CAY m3 2022-2023 Participation of Students.

				shankarrao Mohite Patil, Akluj			
13	Quiz	Kumbhar Dynaneshwar	19/03/2024	Shankar Maharshi shankarrao Mohite Patil, Akluj	State	Participated	PO1,PO7,PSO1
14	Quiz	Waghmode Shivprasad	19/03/2024	Shankar Maharshi shankarrao Mohite Patil, Akluj	State	Participated	PO1,PO7,PSO1
15	Quiz	Thavare Shankar	19/03/2024	Shankar Maharshi shankarrao Mohite Patil, Akluj	State	Participated	PO1,PO7,PSO1
16	Quiz	More Akash	19/03/2024	Shankar Maharshi shankarrao Mohite Patil, Akluj	State	Participated	PO1,PO7,PSO1
17	Quiz	Thavare Ganesh	19/03/2024	Shankar Maharshi shankarrao Mohite Patil, Akluj	State	Participated	PO1,PO7,PSO1
18	Quiz	Shinde Amol	16/03/2024	SVERI's College of Engineering, Pandharpur	State	Participated	PO1,PO7,PSO1
19	Quiz	Shinde Amol	21/10/2024	Fabtech Technical Campus College of Engineering, Sangola	State	Participated	PO1,PO7,PSO1
20	Quiz	Jadhav Shubham	19/03/2024	Shankar Maharshi shankarrao	State	Participated	PO1,PO7,PSO1

				Mohite Patil, Akluj			
21	Quiz	Waghmode Nikita	04/03/2024	New Satara College of Engineering Polytechnic, Korti	State	Participated	PO1,PO7,PSO1
22	Quiz	Daunde Riya	04/03/2024	New Satara College of Engineering Polytechnic, Korti	State	Participated	PO1,PO7,PSO1
23	Robo-Race	Kharat Keshav	06/02/2024	Shivaji Polytechnic, Atpadi	State	Participated	PO1,PO7,PSO1
24	Robo-Race	Jadhav Samarth	06/02/2024	Shivaji Polytechnic, Atpadi	State	Participated	PO1,PO7,PSO1
25	Paper Presentation	Kangude Ravi	29/02/2024	B.M. Polytechnic, Belati, Solapur	State	Participated	PO1,PO7,PSO1
26	Paper Presentation	Gaikwad Om	29/02/2024	B.M. Polytechnic, Belati, Solapur	State	Participated	PO1,PO7,PSO1
27	Poster Presentation	Gorad Tatya	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
28	Poster Presentation	Waghmode Shivprasad	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
29	Poster Presentation	Borkar Amol	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1

30	Poster Presentation	Raut Saurav	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Runner-Up	PO1,PO7,PSO1
31	Poster Presentation	Waghmode Nikita	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
32	Poster Presentation	Jadhav Samarth	26/09/2024	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1

Sr.No	Name of Event/ Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Cricket	Gaurav Dattatray Honmane	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
2	Cricket	Imran Sahajan Mujawar	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
3	Cricket	Omkar Sanjay Lokhande	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
4	Cricket	Londhe Umesh Dilip	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
5	Cricket	Satpute Saurabh Tanaji	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
6	Cricket	Amol Balaso Borkar	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3

7	Cricket	Omkar Suresh Masal	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
8	Cricket	Nilesh Nitin Yadhav	17/11/2022	Shivaji Polytechnic collage, Sangola	Zonal	Participate	PO1,PO7,PSO3
9	Volleyball	Imran Sahajan Mujawar	08/11/2022	New Satara Collage of Engg. & Management (Poly.)Korti, Pandharpur	Zonal	Participate	PO1,PO7,PSO3
10	Volleyball	Gaurav Dattatray Honmane	08/11/2022	New Satara Collage of Engg. & Management (Poly.)Korti, Pandharpur	Zonal	Participate	PO1,PO7,PSO3
11	Volleyball	Omkar Sanjay Lokhande	08/11/2022	New Satara Collage of Engg. & Management (Poly.)Korti, Pandharpur	Zonal	Participate	PO1,PO7,PSO3
12	Atheletics	Madane Akash Satish	16/11/2022	Karmyogi Polytechnic, Shelve	Zonal	Winner	PO1,PO7,PSO3
13	Atheletics	Kharat Keshav Dattu	16/11/2022	Karmyogi Polytechnic, Shelve	Zonal	Runner-up	PO1,PO7,PSO3
14	Atheletics	Madane Akash Satish	16/11/2022	Karmyogi Polytechnic, Shelve	Zonal	Runner-up	PO1,PO7,PSO3
15	Atheletics	Bidkar Madhura Samadhan	26/11/2022	Latthe Education Society's Polytechnic college, Sangli	Zonal	Participate	PO1,PO7,PSO3
16	Poster Presentation	Sawale Vaishnavi	30/09/22	Shriram Institute of Engineering & Technology	State	Participated	PO1,PO7,PSO1

				(Polytechnic), Paniv			
17	Poster Presentation	Yadav Yash	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
18	Robo-Race	Kharat Keshav	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
19	Robo-Race	Dhembare Santosh	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
20	Robo-Race	Kangude Ravi	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
21	Robo-Race	Yamgar Saurabh	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
22	Robo-Race	Sawale Vaishnavi	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
23	Robo-Race	Chavan Dyaneshwar	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
24	Robo-Race	Patil Adhiraj	30/09/22	Shriram Institute of Engineering	State	Participated	PO1,PO7,PSO1

				& Technology (Polytechnic), Paniv			
25	Robo-Race	Gaurav Aniket	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
26	Robo-Race	Waghmode Sagar	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
27	Robo-Race	Yadav Yash	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
28	Quiz	Sawant Kanchan	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
29	Quiz	Daunde Riya	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
30	Quiz	Chavan Dyaneshwar	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
31	Quiz	Gaurav Aditya	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1
32	Quiz	Sawale	30/09/22	Shriram Institute	State	Participated	PO1,PO7,PSO1

		Vaishnavi		of Engineering & Technology (Polytechnic), Paniv			
33	Quiz	Waghmode Sagar	30/09/22	Shriram Institute of Engineering & Technology (Polytechnic), Paniv	State	Participated	PO1,PO7,PSO1

5 FACULTY INFORMATION AND CONTRIBUTIONS (150)

Total Marks 127.22

Name	University Degree	Area of Specialization	Contribution to the program(% load)			Research Paper Publications	Faculty receiving Ph.D/M.Tech during the Assessment year	Current Designation	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS Principal?
			CAY (2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)								
Ms.Salunke Supriya Arjun	M.E.	Electronics Engineering	100	100	100	04	0	HOD	03/02/2011	Regular	Yes		No
Mr.Chougule Satish Ganpat	B.E.	Electrical Engineering	100	100	100	02	0	Lecturer	19/06/2017	Regular	Yes		No
Mr.Salunkhe Suraj Hanumant	B.E.	Electrical Engineering	100	100	100	02	0	Lecturer	14/02/2022	Regular	Yes		No
Mr.Lawand Arjun Shashikant	B.E.	Electrical Engineering	100	100	76	03	0	Lecturer	28/08/2023	Regular	Yes		No
Ms.Gadhave Ashabai Shivaji	M.Tech	Electrical	68	80	0	4	1	Lecturer	20/08/2024	Regular	Yes		No
Mr.Magar Navnath Kantilal	B.Tech	Electrical	100	0	0	0	0	Lecturer	03/03/2025	Regular	Yes		No
Ms.Deshmukh Aakanksha Hanumant	B.E.	Electrical	100	0	0	1	0	Lecturer	01/04/2025	Regular	Yes		No
Ms.Satav Priyanka Shrirang	M.E.	Power System	100	0	0	2	1	Lecturer	01/08/2025	Regular	Yes		No
Mr.Tamboli Shabbir Iismail	M.Sc. (Chemistry)	Chemistry	53	33	31	1	0	Sr.Lecturer	25/06/2008	Regular	Yes		No

Ms.Mulani Pharida Hajarat	M. Sc (Physics)	Physics	42	58	0	0	0	Lecturer	18/08/2022	Regular	Yes		No
Ms.Lawand Supriya Arjun	M.Sc (Maths)	Maths	30	42	50	0	0	Lecturer	26/08/2023	Regular	Yes		No
Mr.Patil Sandesh Balasaheb	M.E.	Power System	0	100	100	3	1	Lecturer	01/08/2018	Regular	No	02/05/2025	No
Mr.Kale Mahadeo Dnyandeo	M.E.	ENTC (VLSI and Embedded)	0	67	10	2	1	Lecturer	01/03/2022	Regular	Yes		No
Ms.Chavan Preeti Sanjay	B.E.	Electrical	0	0	100	0	0	Lecturer	26/08/2022	Regular	No	06/05/2024	No
Mr.Dhavre Somnath Kantilal	MA (English)	English	24	39	45	0	0	Lecturer	28/08/2023	Regular	Yes		No
Mr.Shaikh Khalil Akbar	M. Sc (Physics)	Physics	0	0	100	0	0	Lecturer	10/07/2019	Regular	No	30/06/2025	No
Ms.Jakate Saba Sayyadali	B.E.	Mechanical	0	0	48	0	0	Lecturer	26/08/2023	Regular	No	02/05/2024	No
Mr.Kale Samadhan Khandu	B.E.	Electrical	0	100	0	0	0	Lecturer	01/07/2024	Regular	No	05/05/2025	No
Ms.Mohite Nayan Satish	B.E.	Electrical	0	0	58	0	0	Lecturer	21/08/2023	Regular	No	15/07/2024	No
Mr. Bhosale Jotiram Ramchandra	MA (English)	English	14	0	0	0	0	Lecturer	01/10/2021	Regular	Yes		No
Ms. Pol Rohini Balkrushna	M.Sc. (Chemistry)	Chemistry	0	0	24	0	0	Lecturer	11/08/2022	Regular	No	15/06/2024	No
Mr. Shaikh Jafar Husen	M.Sc. (Chemistry)	Chemistry	0	17	0	0	0	Lecturer	15/07/2024	Regular	Yes		No
Mr. Gunjegaonkar Vijaykumar Prakashrao	B.E.	Mechanical	0	30	0	2	0	Sr.Lecturer	25/06/2012	Regular	Yes		No
Mr. Khandare Vikrant Shashikant	B.E.	Mechanical	0	31	0	01	0	Lecturer	26/08/2021	Regular	Yes		No
Mr. Mehtre Rahul Gopal	B.E.	Mechanical	22	19	0	1	0	Lecturer	26/08/2023	Regular	Yes		No
Mr. Jadhav Tukaram Sukhdeo	B.E.	Mechanical	64	0	0	0	0	Lecturer	11/08/2022	Regular	No	02/05/2026	No

5.1 Student-Faculty Ratio (SFR) (25)

Total Marks 25.00

Institute Marks
25

Year	N	F	SFR=N/F
2025-26(CAY)	230	10.17	22.62
2024-25(CAYm1)	245	10.16	24.11
2023-24(CAYm2)	255	9.42	27.07

Average SFR : 24.60

Assesement SFR : 25

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
2025-26(CAY)	14	0
2024-25(CAYm1)	15	0
2023-24(CAYm2)	14	0

5.2 Faculty Qualification (25)

Total Marks 14.98

5.2.1 Faculty Qualification Index (20)

Institute Marks
14.98

	X	Y	F	$FQ = 2 \times [(10X + 7Y) / F]$
2025-26	2	7	9.00	15.33
2024-25	3	7	10.00	15.80
2023-24	2	7	10.00	13.80

Average Assessment : 14.98

5.2.2 Availability of Faculty/principal of that discipline with PhD. Qualification (5)

Institute Marks

0

Availability of Faculty/principal of that discipline with PhD. Qualification ? :

NO

5.3 Faculty Retention (20)

Total Marks 15.00

Institute Marks
15.00

Description	2024-25 (CAYm1)	2025-26 (CAY)
No of Faculty Retained	10	8
Total No. of Required Faculty	12	12
% of Faculty Retained	83	67

Average : 75.00

Assessment Marks : 15.00

5.4 Faculty as participants in Faculty development/training activities conducted by other organizations (30)

Total Marks 28.24

Institute Marks
28.24

Name of the faculty	Max 5 Per Faculty		
	2022-23 (CAYm3)	2023-24 (CAYm2)	2024-25 (CAYm1)
Mr.Chougule Satish Ganpat	2.00	2.00	2.00
Mr.Kale Mahadeo Dnyandeo	5.00	5.00	2.00
Mr.Kale Samadhan Khandu	0.00	0.00	0.00
Mr.Lawand Arjun Shashikant	0.00	2.00	5.00

Mr.Magar Navnath Kantilal	0.00	0.00	0.00
Mr.Patil Sandesh Balasaheb	2.00	2.00	2.00
Mr.Salunkhe Suraj Hanumant	2.00	4.00	5.00
Mr.Tamboli Shabbir Iismail	2.00	2.00	2.00
Ms.Chavan Preeti Sanjay	2.00	2.00	0.00
Ms.Deshmukh Aakanksha Hanumant	0.00	0.00	0.00
Ms.Gadhawe Ashabai Shivaji	0.00	2.00	5.00
Ms.Mohite Nayan Satish	0.00	2.00	0.00
Ms.Mulani Pharida Hajarat	2.00	2.00	2.00
Ms.Salunke Supriya Arjun	2.00	3.00	5.00
Ms.Satav Priyanka Shrirang	2.00	0.00	0.00
Sum	21.00	28.00	30.00
RF = Number of Faculty required to comply with 25:1 SFR as per 5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12)	10.20	9.80	9.20
Assessment [6*(Sum / 0.5RF)](Marks limited to 30)	24.71	30.00	30.00

Average assessment over 3 years (Marks limited to 30): 28.24

5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12)

Total Marks 6.00

Institute Marks
6.00

5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12)

Sr. No	Date	Name of Event FDP/ STTP	State/ National Level	Name of the Programmer	Name of the Resource Person	No. of Participants
Academic Year 2025-26						
1.	23/06/2026 to 25/06/2026	FDP	State	Transforming ideas into Innovation : AI/ML, Research Publication & Entrepreneurship	Dr.Yuvraj Parkale, Associate Professor, S. V. P. Ms College of Engineering, Malegaon (Bk) ,Baramati Mr.Akshay Suryavanshi,Deputy Planner& Special Planning Authority,Pune Mr.Bapusaheb kharade,Managing Director ,Spraytech Systems India ,Pvt,Ltd.,Indapur Prof. Vishwas V. Patange ,Assistant Professor, Shri Tuljabhavani College of Engineering, Tuljapur Mr.Sachin Supekar, Founder & Consultant at Samarpak Management Solutions HR & Culture Consultant / HR Strategy Consultant Pune Division,Maharashtra, India Dr.Kazi Kutubuddin Sayyad Liyakat,Professor and Head, Department of Electronics & Telecommunication Engineering, BMIT, Solapur. Dr.Mrunmayee V.V. Daithankar, Researcher ,Writer, Educator With Life Skills Mr.Vitthal Jagtap,Founder- Avis Pixel Digital Marketing Strategist Help organizations growth through AI & Data-Driven Digital Marketing Mr.Virant K. Manedeshmukh, Chartered Accountant, Finance & Tax Trainer Mr.Deepakchandra Kumar Ghule,	50

					Head of Department (Electronics & Telecomm.) ,Bhramdevdada Mane Polytechnic,Solapur	
					Ms.Jokar Shruti Jagannath, Professor,Bhramdevdada Mane Polytechnic,Solapur	
					Mr.Mujawar I.I.,Educator, Motivational Speaker, Trainer,counselor, Solapur	
2	13/10/2025 to 15/10/2025	FDP	National	Research And Innovation Strategies to Improve NIRF Ranking	Dr.Santosh Rane Chairman, IIIE Mumbai Chapter Vice Chairman SAEINDIA WS.	117
					Dr.Prathamesh Potdar HOD Automobile Engineering, at Parul University.	
					Dr.Bhaveshkumar Pasi HOD and Associate Professor Mechanical Engineering Department, Organization: Vishwaniketan's IMEET	
					Prof.Pallavi Dhamak-Dongare Director, International Summer Internship Program, Vishwaaniketan	
					Dr.Rajendra Chaudhari Assistant Professor in Mechanical Department of SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad	
					Mr.Parakash Sardesai Vice President -SAE INDIA	
Academic Year 2023-24						
1.	25/09/2023 to 26/09/2023	STTP	State	Smart Wind Observatory STTP	Mr.Satish P.Patil, Jalgaon	53

Institute Marks

8.00

5.5 Product development, Consultancy, Manufacturing contracts, testing contracts (8)

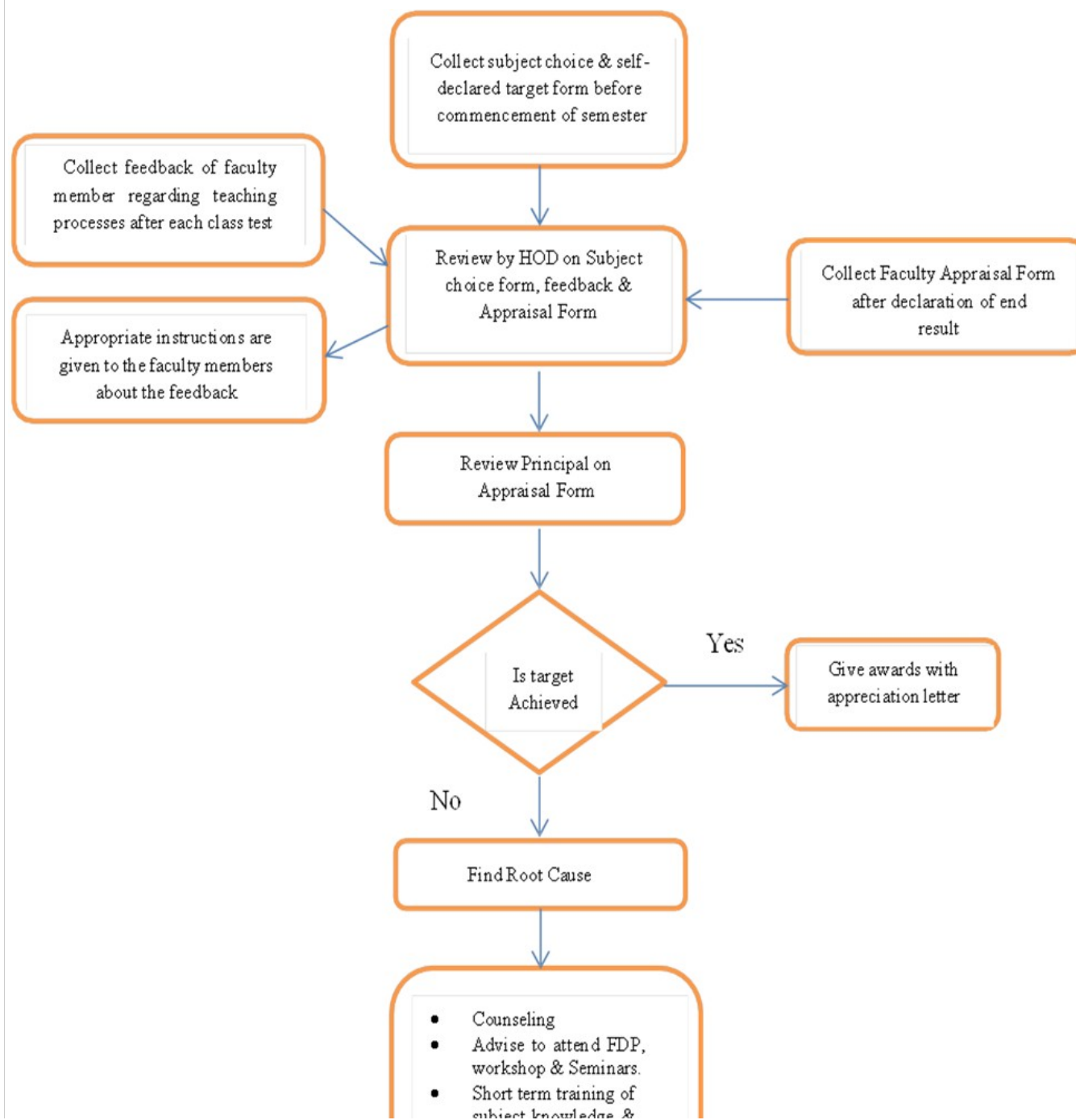
Sr. No.	Item	Details	Name	Year	Revenue
1	Product Development	LED Lighting Making	Mr. Salunkhe S.H.	2023-24	Rs.3000
2	Product Development	LED Bulb Making	Mr. Salunkhe S.H.	2023-24	Rs.1200
3	Testing contracts ,Consultancy	SP Enterprises Sangola, Repairing and Maintenance of Floor Mill	Mr.Chaugule S.G. Mr.Danane P.A.	2025-26	Rs.2000

5.6 Faculty Performance Appraisal and Development System (FPADS) (30)**Total Marks 30.00****A. A well-defined FPADS instituted for all the assessment years (5)**

Institute Marks

5.00

Faculty members in higher educational institutions today are required to fulfill a lots of roles and responsibilities. Beyond teaching, they must engage in innovative research to promote personal growth, stay updated with technological advancements, and cultivate expertise to enhance curriculum delivery. Additionally, they are expected to engage with industry and community, offering solutions to real-world problems. Administrative duties, collaboration with colleagues, department heads, and institutional leadership are also integral aspects of their role. An efficiency performance evaluation system for faculty is essential to maximize their contributions to institutional excellence. The institute implements a comprehensive faculty appraisal system where each faculty member submits their Performance Based Appraisal System (PBAS) form at the conclusion of every Academic Year after declaration of student results. The evaluation involves assessment by both the Head of the Department and the Head of the Institution. Additionally, student feedback is gathered after Class Test 1 & Class Test 2 of both the semesters. The Head of the Department evaluates this feedback and provides relevant suggestions and feedback to the faculty to enhance their performance.



Shriram Shikshan Sanstha's

Shriram Institute of Engineering & Technology (Polytechnic), Paniv

Tal-Malshiras, Dist-Solapur-413113

STAFF APPRAISAL FORM

Particulars	Details
Name of Faculty	
Designation	
Department	
Employee ID	
Date of Joining	
Qualification	
Academic Year	
Semester	
Subjects Taught	
Classes Assigned	
Date of Appraisal	

PERFORMANCE APPRAISAL CRITERIA

1. Teaching – Learning Process (Maximum Marks: 40) Part – I : Basic Performance Indicators (Easy Scoring) – 20 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Regular Conduct of Lectures & Practicals	5		
2	Timely Completion of Daily Teaching Diary	4		
3	Syllabus Coverage up to Academic Plan	5		
4	Attendance Maintenance & Monitoring	3		
5	Classroom Discipline & Student Interaction	3		
Total		20		

Part – II : Advanced Performance Indicators (Difficult Scoring) – 20 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Innovative Teaching Methods / ICT Based Teaching	5		
2	Student Result Analysis & Improvement Actions	5		
3	Development of Learning Resources / Notes / Videos	4		

4	Remedial Coaching / Weak Student Improvement	3		
5	Student Feedback Above Institutional Benchmark	3		
Total		20		

Academic Responsibilities (Maximum Marks: 20) Part – I : Routine Academic Work (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Practical Conduct & Lab Records Maintenance	3		
2	Course File & Documentation Completion	3		
3	Internal Assessment Submission in Time	2		
4	Mentoring / Counseling Record Maintenance	2		
Total		10		

Part	II : Quality Academic Contribution (Difficult Scoring)	– 10 Marks		
Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Outcome Based Education (OBE) Implementation	3		
2	Preparation of Advanced Lab Manuals / Content	3		

3	Academic Audit Performance	2		
4	Value Added Activities for Students	2		
Total		10		

D. Institutional Contribution (Maximum Marks: 20) Part – I : Institutional Support Activities (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Participation in College Events & Committees	3		
2	Discipline & Punctuality	3		
3	Teamwork & Coordination	2		
4	Participation in Admission Activities	2		
Total		10		

Part – II : Institutional Development Contribution (Difficult Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Contribution in NAAC / NBA / IQAC Work	3		
2	Leadership in Institutional Activities	3		
3	Industry / Alumni / Community Coordination	2		
4	Initiative for Departmental Development	2		

Total	10		
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1. Professional Development & Research (Maximum Marks: 20) Part – I : Professional Upgradation (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Participation in FDP / STTP / Workshops	4		
2	Membership in Professional Bodies	2		
3	Participation in Online Certification Courses	2		
4	Participation in Seminar / Webinar Activities	2		
Total		10		

Part – II : Research & Innovation Contribution (Difficult Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Research Publications / Patents / Copyrights	4		
2	Consultancy / Industry Interaction	2		
3	Funded Projects / Sponsored Activities	2		
4	Innovative Practices / Product Development	2		
Total		10		

OVERALL ASSESSMENT

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Teaching – Learning Process	40		
2	Academic Responsibilities	20		
3	Institutional Contribution	20		
4	Professional Development & Research	20		
Grand Total		100		

	PERFORMANCE GRADING	
Marks Range	Grade	Performance Level
90 – 100	A+	Outstanding
80 – 89	A	Excellent
70 – 79	B+	Very Good
60 – 69	B	Good
50 – 59	C	Satisfactory
Below 50	D	Need Improvement

Remarks:

Self-Remarks by Faculty:

Remarks by HOD:

Remarks by Principal:

Authority	Signature	Date
Faculty Member		
Head of Department		
Principal		

Evaluation Philosophy

- First 50% marks are based on routine academic responsibilities and can be achieved through regular sincere work.
- Remaining 50% marks are based on quality contribution, innovation, research, institutional development, and measurable outcomes.
- Higher grades require exceptional contribution beyond routine duties.

B. Its implementation and effectiveness (15)

Institute Marks

15.00

1. **Best Teacher award:** On the basis of academic performance, research activities and contribution at institute level the top scoring faculty is awarded as Best Teacher. Also, those faculties having subject results more than 75% awarded with appreciation letter.

Details of Best Teacher award to the faculty:

Sr. No	Name of Faculty	Academic Year	Department
1	Mr. Lawand A.S.	2025-26	Electrical

2	Ms. Gadhave A.S.	2024-25	Electrical
3	Mr. Salunkhe S.H.	2023-24	Electrical

(2) Support for Higher Studies: The faculty members pursuing higher studies are awarded with study leave as per requirements of the faculty & service rules.

(3) Leave for attending Workshops /FDP/QIP/STTP/International Conferences: Faculty members are granted duty leave and financial assistance to participate in relevant quality improvement programs.

C. Details of qualification up-gradation of faculty (10)

Institute Marks

10.00

C. Details of qualification up-gradation of faculty (10)

Sr. No	Name of Faculty	Qualification	Completion Year	University
1.	Mr. Kale M. D	M.E	March 2023	SPPU University
2.	Mr. Patil S. B	M.E	March 2023	SPPU University
3	Ms. Satav P. S	ME	2025-26	SPPU university
4.	Ms.Gadhve A.S	ME	2025-26	DBATU Lonere Raigad university
5.	Ms. Salunke S.A	PhD* Pursuing	2025-26	MIT-WPU University Kothrud

6 FACILITIES AND TECHNICAL SUPPORT (100)**Total Marks 100.00****6.1 Availability of adequate, well equiped classrooms to meet the curriculum requirements (10)****Total Marks 10.00**

Institute Marks

10.00

Electrical Engineering Department

The Electrical Engineering Department of Shriram Institute of Engineering and Technology (Polytechnic), Paniv has a sufficient number of classrooms and tutorial rooms for conducting theory lectures, tutorials, seminars, guest lectures, and student presentations as per the curriculum. These rooms are used according to the academic timetable and are shared efficiently whenever needed. The Vision, Mission are displayed in the respective classrooms

All classrooms are spacious, well-ventilated, and properly lit, providing a comfortable environment for teaching and learning. The department also supports both traditional teaching methods and ICT-based learning through suitable classroom facilities.

The classrooms are equipped with the following facilities:

- The classroom contain comfortable dual desk units
- Green boards
- LCD projector facility (sharing)
- Interactive Panel (Smart board) facility
- Internet connectivity
- Adequate fans and lighting arrangements
- Curtains and ventilation provisions
- Knowledge walls
- CCTV surveillance
- Proper electrical fittings and power backup support

The classrooms are maintained regularly to ensure cleanliness, safety, and proper working condition. The department also uses classrooms for conducting seminars, project presentations, remedial coaching, and co-curricular activities.

Table No. 6.1.1 Details of class rooms facilities available in Electrical Engineering Department.

Sr. No	Classroom No	Green board/ Whiteboard	Current Available Facility in Class Room	Area Sq. m	Remark
1	Class Room For 1st Year Second Floor	Yes	Green Board, Projector, dual desk, Fan, Lights, Smart Board, Knowledge wall, CCTV, Platform, Internet connectivity	66	As Per AICTE Norms
2	Class Room For 2nd Year Second Floor	Yes	Green Board, Projector, dual desk, Fan, Lights, Smart Board, Knowledge wall, CCTV, Platform, Internet connectivity	66	As Per AICTE Norms
3	Tutorial Room First Floor	Yes	Green Board, Projector, dual desk, Fan, Lights, Smart Board, Knowledge wall, CCTV, Internet connectivity	33	As Per AICTE Norms

6.2 Availability of adequate and well-equipped workshops, Laboratories and Technical manpower to meet the curriculum requirements (40)**Total Marks 40.00****A. Adequacy (10)****Institute Marks****10.00****A. Adequacy (10)**

Shriram Shikshan Sanstha's, Shriram Institute of Engineering & Technology (Poly),Paniv, Electrical Engineering department has adequate Laboratories and necessary infrastructure to meet curriculum requirements. The Laboratories are provided with necessary and sufficient equipment /instruments/ apparatus as per technical education recommendations, with adequate technical support and guidance. Within the working hours all Laboratories are open to the students to carry out the project work with necessary technical support. Lab slots are provided as per the curriculum requirement. Workshop is equipped for carrying out the curriculum covered for workshop practice. This centralized workshop in the institute are available having all required equipment's, tools, machinery and instruments. Adequate machinery and equipment's, hand tools are available in the workshop to develop different skills in the manufacturing sector to fulfill the curriculum requirements. Adequate number of laboratories and workshops are available for the program.

Information about adequacy, quality and technical manpower is given in prescribed format as below.

- Well Equipped laboratories are available for the entire program as per curriculum.
- Each lab is provided with separate faculty in-charge and adequate facilities.
- All Laboratories are with sufficient equipment's to do practical work during the working hours as per the time table.
- Experiments prescribed in curriculum are conducted as per lab schedule.
- Equipment's and Consumables are stored for easy accessibility of the faculty, technician and students.
- Beyond working hours, the laboratories are available for the students to do their project work.

Table 6.2.1: Availability of adequate and well-equipped Workshops and technical manpower

Sr. No.	Name of Laboratory	No of Students per Setup (Batch Size)	Name of the Important Equipment Costing More Than Rs. 30000	Weekly Utilization Status (All the Courses for Which Lab Is Utilized)	Technical Man Power Support		
					Name of the Technical Staff	Designation	Qualification
1	Carpentry	12-20	Wood Working Vice - 9"	12 practical hours per week as per T-E Scheme	Mr.Sathe R. B.	Instructor	ITI
			Heavy Duty Shimoga type Wood Working m/c				
			Leader Brand Heavy Duty Sercular Saw m/c -8" size				

			Carpenter Vice -8"				
2	Fitting	12-20	Verma make 5" Bench Vice	12 practical hours per week as per T-E Scheme	Mr. Malgatte D. V.	Instructor	ITI
			13 mm Capacity Drill m/c				
			Surface Plate – 450 x 450 mm				
			Bench Vice				
3	Sheet Metal and Plumbing	12-20	Sheet Bending Machine	12 practical hours per week as per T-E Scheme	Mr. Patel S. I.	Foreman	DAE
			Bhaiyya Cutter -16"				
			Anvil - 50 Kg				
			Pipe Vice - 4.5"				

Table No: 6.2.2 Availability of adequate laboratories

Sr. No.	LAB	CAPACITY OF STUDENTS	ROOM NO	AREA IN M2	DETAILS OF FURNITURE	REMARKS
1	Electrical Machine Lab	20 - 25	Workshop Building	66	Work Table, Staff Table & Chair, Notice board	As per norms
2	Power System Lab	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms

3	Computer Lab	20- 25	Second Floor	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
4	Electrical and Electronics Measurement Lab	20- 25	Second Floor	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
5	Power Electronics Lab	20- 25	Third Floor	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
6	Electrical Circuit & Network Lab	20- 25	Third Floor	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
7	Electrical workshop Lab	20- 25	Third Floor	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms

B. Quality of Labs/workshop (20)

Institute Marks

20.00

Electrical Engineering department has well equipped Laboratories and other necessary infrastructure and eligible technical manpower support to meet curriculum requirements. The details are as shown below.

- Laboratories are given more importance than theoretical class work because the students are doing all the application oriented practical.
- Each lab is provided with separate faculty in-charge and adequate facilities.
- For every Lab, the cleanliness and effectiveness are maintained.
- The safety measures like, first aid boxes, and fire extinguisher, are maintained periodically.
- Students are strictly instructed to wear shoes and uniform.

The display boards like DO's and DONT's, List of experiments, Relevant Scientist information

, SOP

C. Technical Manpower support –Eligible and Adequate (10)

Institute Marks

10.00

Table 6.2.4: Availability of eligible and adequate technical manpower.

Sr. No.	LAB	Faculty In-charge Details		Technical Manpower Support		
		Name	Designation	Name	Designation	Qualification
1	Electrical Machine Lab	Mr. Salunkhe S.H.	Lecturer In Electrical Engineering	Mr. Lawand S.M.	Technical Lab Assistant	Diploma in Electrical Engineering
2	Power System Lab	Mr.Magar N.K.	Lecturer In Electrical Engineering	Mr. Lawand S.M.	Technical Lab Assistant	Diploma in Electrical Engineering
3	Computer Lab	Ms.Deshmukh A.H.	Lecturer In Electrical Engineering	Mr.Danane P.A.	Technical Lab Assistant	Diploma in Electrical Engineering
4	Electrical and Electronics Measurement Lab	Mr. Chougule S.G.	Lecturer In Electrical Engineering	Mr.Zende M.A.	Technical Lab Assistant	MCVC (Motor Rewinding)
5	Power Electronics Lab	Ms. Gadhave A.S.	Lecturer In Electrical Engineering	Mr.Danane P.A.	Technical Lab Assistant	Diploma in Electrical Engineering

6	Electrical Circuit & Network Lab	Ms. Satav P.S.	Lecturer In Electrical Engineering	Mr.Danane P.A.	Technical Lab Assistant	Diploma in Electrical Engineering
7	Electrical Workshop Lab	Mr. Lawand A.S.	Lecturer In Electrical Engineering	Mr.Zende M.A.	Technical Lab Assistant	MCVC (Motor Rewinding)

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment(Costing more than Rs.30,000)	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Electrical Machine	20	1- ϕ Rectifier-15A,	Odd Sem – 12 Hr	Mr.Lawand S.M.	Technical Lab Ass	Diploma in Electr
2	Power System La	20	Electromechanica	Odd sem – 08 Hr	Mr. Lawand S.M	Technical Lab Ass	Diploma in Electr
3	Computer Lab	20	PC,Printer	Odd Sem– 06 Ev	Mr.Danane P.A.	Technical Lab Ass	Diploma in Electr
4	Electrical and Ele	20	3- ϕ Inductive loa	Odd Sem– 12 Hr	Mr.Zende M.A.	Technical Lab Ass	MCVC (Motor Rev
5	Power Electronics	20	Speed Control of	Odd Sem – 12 Hr	Mr.Danane P.A.	Technical Lab Ass	Diploma in Electr
6	Electrical Circuit &	20	Dual output varia	Odd Sem– 12 Hr	Mr.Danane P.A.	Technical Lab Ass	Diploma in Electr
7	Electrical worksh	20	-(Consumable m	Odd Sem– 12 Hr	Mr.Zende M.A.	Technical Lab Ass	MCVC (Motor Rev

6.3 Additional facilities created for improving the quality of learning experience in laboratories (20)**Total Marks 20.00****A. Facilities (10)****Institute Marks****10.00****A. Facilities (10)**

1. Department Library
2. LCD Projector
3. Digital Library
4. Models
5. Reference Lab Manuals
6. Charts
7. Presentation and seminars
8. Training and Workshops
9. Knowledge Wall
10. Practical Video
11. Smart Boards
12. Internet Facility
13. Open-Source Software

B. Effective Utilization (5)

Institute Marks

5.00

B. Effective Utilization

Sr. No	Facility Name	Details	Reasons for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/ PSOs
1.	Department Library	1. Project reports. 2. Specimen copies of books. 3. Specimen copies Manuals. 4. Seminar Report 5.Reference Journal Paper	To get more knowledge using reference books and textbooks	Issue books to Students Used By Students/ Faculty - Students can easy access the reference material	All courses in curriculum (Self-learning, project work, paper presentation, seminars etc.)	PO1, PO2, PO6, PO7, PSO1

2.	LCD Projector	LCD Projector	Presentation, Seminar, Project, Lecture etc. Guest	Presentation, Seminar, Project, Guest Lecture etc.	Lifelong skill development and technology relevant	PO6, PO7, PSO1
3.	Digital Library	QR codes for E content, E-Books, E-Magazines, NPTEL Video lectures by Expert from IITs and NITs	1.Student will get access to the maximum reference Books 2.Student will remain engaged in independent & life-long learning in context of technological changes To know the recent trend in science and Technology	Throughout the semester Students access the e-Books on PCs available	Courses in curriculum and beyond curriculum	PO1, PO2, PO3, PO7, PSO1
4	Models	Models of Electrical related subjects are kept in lab	To give better understanding of subject	Faculty Students can easy access the models	All courses in electrical engineering curriculum	PO1, PO2, PO4, PO7, PSO2, PSO3
5	Reference Lab Manuals	Standard Lab Manual for performing Experiment	To correlate the concepts and experimental aspects	Effective understanding of the experiments according to the setup	All courses in electrical engineering curriculum	PO1, PO2, PSO1

6	Charts	Subjective charts are available for learning	To convey message effectively by visual display	Charts give clear Idea of the machines/Some Important Concepts	All courses in electrical engineering curriculum	PO1, PO2, PO3, PO4, PO7, PSO1, PSO2
7	Presentation and seminars	Project work, paper presentation, seminars etc.	To enhance presentation and communication skills. To make them think independently. To apply integrated program knowledge and translate it in to innovative and creative ideas in the form of working models	Technical Events & Subject Seminars	Presentation of creative and innovative ideas. Also enhance confidence level	PO1, PO2, PO3, PO4, PO6, PO7, PSO1
8	Training and Workshops	Industrial Training / Vocational Training	To create awareness and exposure towards current trends in engineering and to fulfill the gap identified in program curriculum.	Students get expo-sure to current and new trends in technology. And the gaps in program curriculum fulfilled.	Changing trends in technology and curriculum gaps	PO1, PO6, PO7, PSO2, PSO3
9	Knowledge Wall	Course objectives and course outcomes of subject	Students get more information About subject.	36 hrs.	Course competency and career path	All POs and PSOs

10	Practical Video	Demonstration through video for understanding practical outcome in better way of important points.	Understandings of practical becomes more easier by virtual learning.	36 hrs.	Course competency	All POs and PSOs
11	Smart Boards	IFPD 75-inch with 8 GB RAM,128 GB storage, Android 13	For Well Understanding the concepts -with videos, animations, PPT explanation & lecture conduction.	36 hrs.	Course competency	All POs and PSOs
12	Internet Facility	Free Internet Access For Students	Gathering Information	36 hrs.	Course competency and career path	All POs and PSOs
13	Open-Source Software	Auto CAD (Electrical), KeiluVision, Flash magic, Scilab	Students can get knowledge of design tools.	36 hrs.	Course competency in Computer Aided Drawing.	PO1, PO2, PO3, PO5, PO6, PO7, PSO2, PSO3

C. Relevance to POs/PSOs (5)

Institute Marks

5.00

C. Relevance to POs/PSOs (5)

Sr. No	Facility Name	Details	Relevance to POs/ PSOs
1.	Department Library	PO1, PO2, PO6, PO7	PSO1
2.	LCD Projector	PO6, PO7	PSO1
3.	Digital Library	PO1, PO2, PO3, PO7	PSO1
4	Models	PO1, PO2, PO4, PO7	PSO2, PSO3
5	Reference Lab Manuals	PO1, PO2	PSO1
6	Charts	PO1, PO2, PO3, PO4, PO7	PSO1, PSO2
7	Presentation and seminars	PO1, PO2, PO3, PO4, PO6, PO7	PSO1
8	Training and Workshops	PO1, PO6, PO7	PSO2, PSO3

9	Knowledge Wall	All POs	All PSOs
10	Practical Video	All POs	All PSOs
11	Smart Boards	All POs	All PSOs
12	Internet Facility	All POs	All PSOs
13	Open-Source Software	PO1, PO2, PO3, PO5, PO6, PO7	PSO2, PSO3

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Department Library	1. Project reports	To get more know	Issue books to St	All courses in curriculum (S	PO1, PO2, PO6, F
2	LCD Project	LCD Projector	Presentation, Ser	Presentation, Ser	Lifelong skill development ;	PO6, PO7, PSO1
3	Digital Library	QR codes for E cr	1.Student will get	Throughout the ;	Courses in curriculum and	PO1, PO2, PO3, F
4	Models	Models of Electric	To give better un	Faculty Students	All courses in electrical er	PO1, PO2, PO4, F
5	Reference Lab M	Standard Lab M	To correlate the c	Effective underst	All courses in electrical er	PO1, PO2, PSO1
6	Charts	Subjective charts	To convey messa	Charts give clear	All courses in electrical er	PO1, PO2, PO3, F
7	Presentation and	Project work, pag	To enhance prese	Technical Events	Presentation of creative an	PO1, PO2, PO3, F
8	Training and Wor	Industrial Trainir	To create awaren	Students get exp	Changing trends in technol	PO1, PO6, PO7, F
9	Knowledge Wall	Course objectives	Students get mor	36 hrs.	Course competency and ca	All POs and PSOs
10	Practical Video	Demonstration th	Understandings c	36 hrs.	Course competency	All POs and PSOs
11	Smart Boards	IFPD 75-inch with	For Well Underst	36 hrs.	Course competency	All POs and PSOs

12	Internet Facility	Free Internet Acc	Gathering Inform	36 hrs.	Course competency and ca	All POs and PSOs
13	Open-Source Sofi	Auto CAD (Electri	Students can get	36 hrs.	Course competency in Corr	PO1, PO2, PO3, f

6.4 Laboratories: Maintenance and overall ambiance (10)

Total Marks 10.00

Institute Marks

10.00

6.4 Laboratories: Maintenance and overall ambiance

Regular maintenance is done by lab technicians of the laboratory of Electrical Engineering. Whenever any financial assistance for repair and maintenance of lab equipment's is required, then principal provide the same.

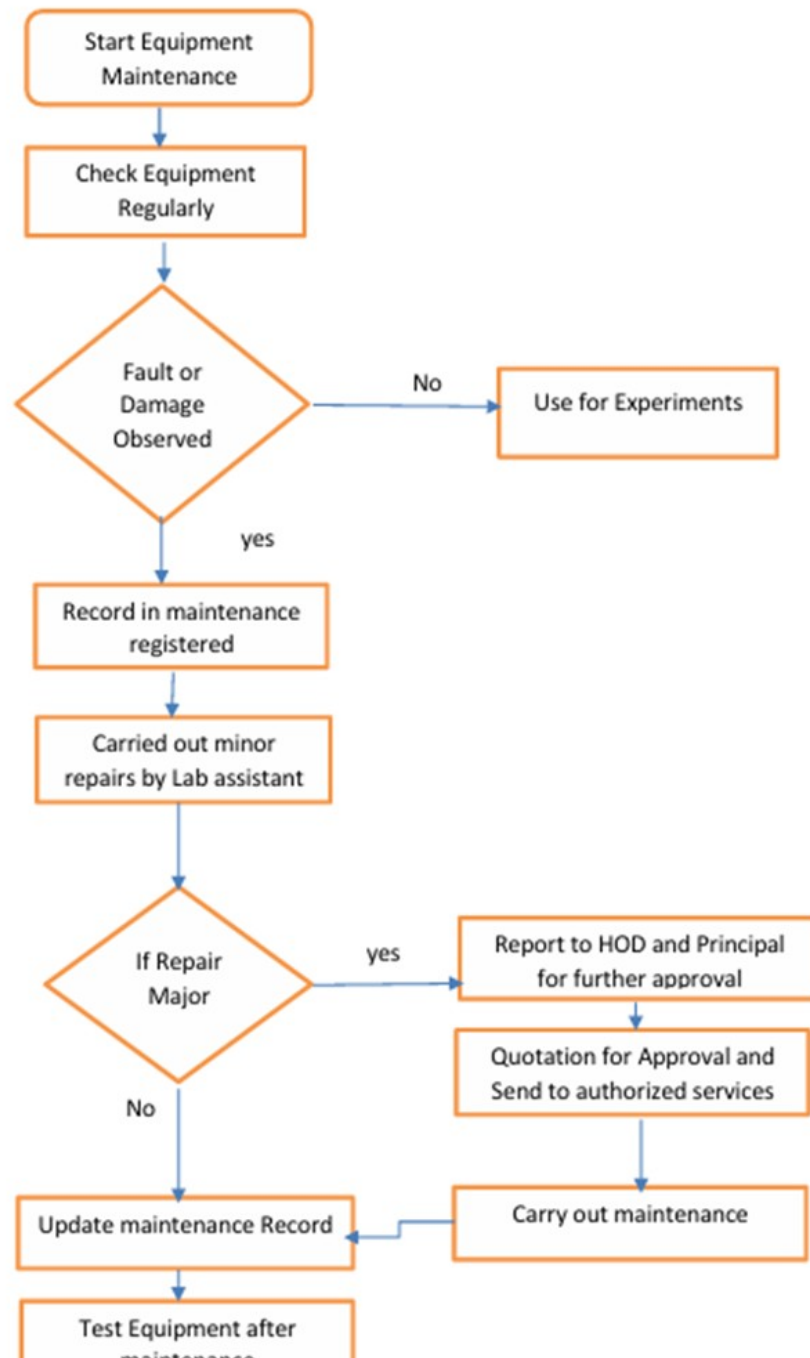


Fig. 6.1 Flowchart of Maintenance process

A. Maintenance:

- At the end of semester and prior to commencement of semester each laboratory is verified for the working or not working status of each equipment.
- The list of equipment is prepared which need maintenance.
- In house maintenance is tried for equipment setups under maintenance.
- The equipment apart from in house maintenance needs maintenance from professional agencies or external vendors.
- The proposal is prepared for maintenance of such equipment.
- After approval of proposal, maintenance work is carried out until it works.
- Throughout semester the preventive maintenance is carried out for all the equipment.
- In every semester the maintenance process is repeated.

B. Overall Ambience:

- All laboratories are well equipped as per AICTE norms.
- All laboratories are finished with required infrastructure.
- All laboratories have sufficient light and excellent ventilation.
- The layout of laboratory is well designed to accommodate all activities in laboratories.
- Cleaning maintained in all laboratories.
- Fire Extinguisher and safety facilities are provided at required location of laboratories.
- Labs are provided with various charts which are self-explanatory and few charts are prepared by students.

Instructions followed to maintain status of laboratories.

- The minor repairs are carried out by laboratory assistants and lab in charge faculty.
 - Major repairs are out sourced..
- For each laboratory, rules are defined to maintain status and these are strictly followed.
- Consumable in laboratories are properly stored and utilized.

6.5 Availability of computing facility in the department (10)

Total Marks 10.00

Institute Marks

10.00

Sr. No	No Of Computer terminals	Students Computer Ratio	Details of Legal Software	Details of Networking	Details of Printers, Scanners etc.
1	20	9:1	Windows 10, Mic	100 mbps Int	1 Printers with Sc

6.6 Language lab (10)**Total Marks 10.00**

Institute Marks

10.00

Centralized language lab at institute level is provided with required equipment's, supporting staff, educational material for conducting practical's of courses communication skills (English) & Professional Communication. The language laboratory supports outcome-based education by enhancing students' oral and written communication abilities required for higher education, industrial training, placement activities, seminars, presentations, and professional interactions

Table 6.6.1- Details of Institute Language Lab.

Language Laboratory	Number of Computer	Details of Software used	Activities	Details of Networking	Guidance Available
Available 66 sq.m	20 + 1	1. Window 10 2. BiyaniTechnology	Students are trained in their reading, listening, speaking, and writing skills using word, PowerPoint and Excel etc.	(20 + 1) All computers are in LAN with internet connectivity Headset available - 21	Faculty members are involved in helping students to use the lab.

No. of computers	Student computer ratio	No. of hours per week	Beneficiaries
21	10:1	10 hours	All Students

Aims and Objectives

- To help students improve their speaking and writing skills in English.
- To increase students confidence in public speaking and reduce stage fear.
- To provide learning materials and activities for developing communication and professional skills.

Language Laboratory Equipment Details:

The Language Laboratory is equipped with 21 computers with internet access and a Digital LAN-Based Interactive Language Lab using Biyani Software. Headphones are provided for all computers to support listening and speaking activities. The laboratory helps students improve their communication, pronunciation, and presentation skills. The available facilities are adequate to meet the curriculum requirements.

Table 6.6.2: Language Laboratory Equipment Details

Sr. No.	Particular	Details
1	PCs	21
2	Digital LAN Based Interactive Language Lab with Biyani Software	01
3	Headphone	21
4	Internet access	For all PCs

Details of Learning Resources:

Following table shows details of skill enhanced.

Table 6.6.3: Language Laboratory Learning Resources

Sr. No.	Skills	Learning resource
1	Listening	Biyani Language lab software
2	Speaking	
3	Reading	
4	Writing	
5	Vocabulary	

6	English Grammar	
7	Phonetics	

English Language Websites Access:

The following English language related websites can be accessed to learn.

- www.englishpractice.com/grammar
- www.talkenglish.com
- www.cambridgeenglish.org
- www.effortlessenglish.libsyn.com

Activities Conducted:**Table 6.6.4: Language Laboratory Activities**

Sr. No.	Activity conducted	Details
1.	Power point presentation	Team & Individual
2.	Role play	Team
3.	Letter writing	Individual
4.	Resume writing	Individual
5.	Sentences using correct grammar	Individual
6.	Word Pronunciation	Individual
7.	Dialogue writing	Team
8.	Vocabulary building	Team & Individual
9.	Non-verbal communication	Team & Individual

10.	Case study	Individual
11.	Scriptwriting	Individual
12	Application of Grammar Tests	Individual

7 CONTINUOUS IMPROVEMENT (75)

Total Marks 75.00

7.1 Actions taken based on the resultsof evaluation of each of the POs and PSOs (25)

Total Marks 25.00

Institute Marks
25.00

POs Attainment Levels and Actions for Improvement- (2024-25)

POs	Target Level	Attainment Level	Observations
PO 1 : Basic and Discipline specific knowledge			
PO 1	2.66	2.14	It is observed that attainment is 80.45 % of target value. Some Students scored less in numerical/problem-solving questions & Students performed lab work without deep theoretical understanding
Action 1: Students are asked to write formulae repeatedly. Action 2. Given old question paper model answer Action 3: Chapter wise revision. Action 4. Assignments are given to assess the performance of students.			
PO 2 : Problem analysis			
PO 2	1.97	1.55	Attainment is 78.68 % of target value. It is found that students find it difficult to correlate theory with practical and interpret the results in hardware-based subjects like Fundamental of Electrical Engineering.
Action 1. Solved problems in previous years question papers. Action 2. Subject teacher explains the students the relation between theory and practical. Action 3. For simple topics and experiments, the students are encouraged to explain the relation. Action 4. Expert lectures are arranged and conducted			
PO 3 : Design/ development of solutions			

PO 3	1.79	1.33	Attainment is 74.30 % of target value. The ability to analyze and identify the engineering problems are inadequate hence students find it difficult to propose solution for an engineering problem
Action 1: Students will be encouraged to do industrial training and internships to enhance the ability to identify and formulate complex engineering problems. Action 2: Students are encouraged to do micro projects to improve their designing skills. Action 3: Faculty is advised to give application-based micro project to students			

PO 4 : Engineering Tools, Experimentation and Testing

PO 4	1.91	1.45	Attainment is 75.91 % of target value. Students are facing difficulties in handling instruments used in domain related courses. Experimentation & testing needs additional involvement of students.
Action 1. Students are introduced to different hardware and software in laboratory Action2: Organize practical, hands-on workshops where students can gain direct experience in using instruments under the guidance of instructors. Action 3: Additional practical classes are conducted for the students to analyses technical issues.			

PO 5 : Engineering practices for society, sustainability and environment

PO 5	1.77	1.19	Attainment is 67.23 % of target value. Almost target level is achieved. Inadequate Students need to relate engineering knowledge to solve societal problems and environmental issues
Action 1: Extension activities are conducted at nearby rural places. Action 2: Students are advised to be members in professional societies like IET, IE (I) etc. to build relationship with outside world and contribute to the needs of society			

PO 6 : Project Management

PO 6	1.77	1.26	Attainment is 71.18 % of target value. Students are facing difficulties in communication, presentation skill, Planning, allocating responsibilities and setting timelines to meet goals and management skills are moderately attained.
Action 1: Leadership qualities are inculcated in students by allowing them to participate in project contest and other technical events. Action 2: Sessions on soft skills are organized for students. Action 3: Expert lectures are arranged and conducted			

PO 7 : Life-long learning

PO 7	1.80	1.45	Attainment is 80.55 % of target value Ability to analyze individual needs and engage in updating in the context of Technological changes. More focus needs to be given on importance of independent and life-long learning. Students face Challenges in
Action 1: Awareness on latest technologies and trends are created through expert lectures, workshops and Industrial visits. Action 2: Motivation in classrooms were given with motivational videos and stories. Action 3: Students are encouraged to participate in various technical competitions and events			

PSOs Attainment Levels and Actions for Improvement- (2024-25)

PSOs	Target Level	Attainment Level	Observations
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PSO 1 : Exhibit Logical and Technical skills to building, testing, operation and Maintenance of Electrical system

PSO 1	1.96	1.40	Attainment is 71.42 % of target value. Usage of conventional measuring and testing equipment is not familiar
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Action 1: Students were encouraged to develop prototype models of network system Applications, converter circuits, SMPS, over voltage and current protection circuits etc.
 Action 2: Expert talk arranged on how to maintain various types of electrical systems.
 Action 3: Industrial visits are arranged to learn actual electrical systems

PSO 2 : Apply technical solutions to Electrical Engineering problems using suitable Methods for social development

PSO 2	1.79	1.33	Attainment is 74.30 % of target value. Students are facing difficulties to handle Electrical tools to develop simple electrical Engineering related circuits.
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Action 1: Workshop arranged on various Electrical Workshop.
 Action 2: Students encouraged to do better.
 Action 3: Guest Lecture are arranged to learn actual electrical systems

PSO 3 : Exhibit Interpersonal Skills and Ethical Principles in Professional Field

PSO 3	1.49	1.20	Attainment is 80.53 % of target value. Students are facing difficulties to handle electrical tools to develop simple electrical Engineering related circuits .
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Action 1: Workshop arranged on various Electrical Workshop.
 Action 2: Students encouraged to do better.
 Action 3: Simple problems are given to students to practices Electrical tools

7.2 Improvement in Success Index of Students without the backlog (10)

Total Marks 10.00

Institute Marks

10.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Success Index (from 4.2.1)	0.04	0.08	0.07

7.3 Improvement in Placement and Higher Studies (10)

Total Marks 10.00

Institute Marks

10.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Placement Index (from 4.6)	1.11	1.01	0.73

7.4 Improvement in Academic Performance in Final year (10)

Total Marks 10.00

Institute Marks
10.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Academic Performance Index (from 4.3)	7.60	2.95	0.80

7.5 Internal Academic Audits to Review Complete Academics & to Implement Corrective Actions on Continous Basis (10)

Total Marks 10.00

Institute Marks
10.00

Items	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Internal Academic Audits	2	2	2

7.6 New Facility created in the Program (10)

Total Marks 10.00

Institute Marks
10.00

Items	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
New Facility Created	6	5	5

8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

8.1 Mentoring system to help at individual level (10)**Total Marks 10.00**

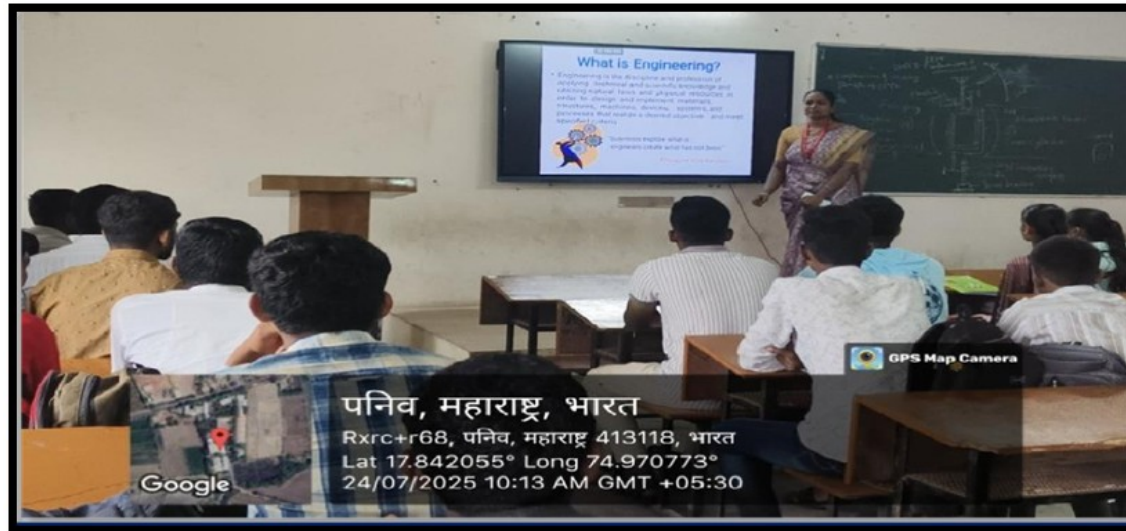
Institute Marks

10.00

8.1 MENTORING SYSTEM TO HELP AT INDIVIDUAL LEVEL

- An effective student mentoring system is established & is functioning effectively in the institute.
- All the students come under the system from the date of joining the institute.
- Students are being motivated regularly by the mentors about the activities like academic, curricular, co-curricular, extra-curricular achievement and social activities.





First year Induction program

1.Type of Mentoring: Teacher Guardian/Mentor:

- The Institute has understood the delicacy and unique importance of Communication between Teacher and Parents.
- It is experienced that many problems can be solved by direct interaction between Teacher-Students.
- The students after passing tenth class examination are exposed to professional education atmosphere where they may face lot of academic and other difficulties. At this stage they need a proper guidance and help. Hence, a unique scheme referred as mentoring scheme is started in this Institute. Also a class teacher is assigned to each class so that students can approach that particular faculty for guidance and any assistance they need. They are also responsible for solving academic and other problems faced by the student.
- The institute also provides Faculty mentors for six weeks industrial training for students after fourth semester according to I scheme.

Functions:

1. Accept difficulties from the students through Class Representative.
2. Categories the difficulties and arrange counseling / professional guidance in order to solve difficulties.

Class representative:

A class representative is nominated from each class. This class representative act as a class mentor and students difficulties/problems related to academics or facilities are directly reported to teacher guardian/parent teacher through class mentor.

Functions:

1. Identification of difficulties and recording the same.
2. Passing the difficulties of student to teacher guardian for further action.

No. Of the Mentor/ Faculty	Students to be mentored	Frequency of meeting	Type of mentoring

Approximately 05 to 14.	Batch wise approximately 25 students	Approximately two times per semester	1. One to one contact 2. Academic difficulties 3. Personal difficulties. 4. Social difficulties.
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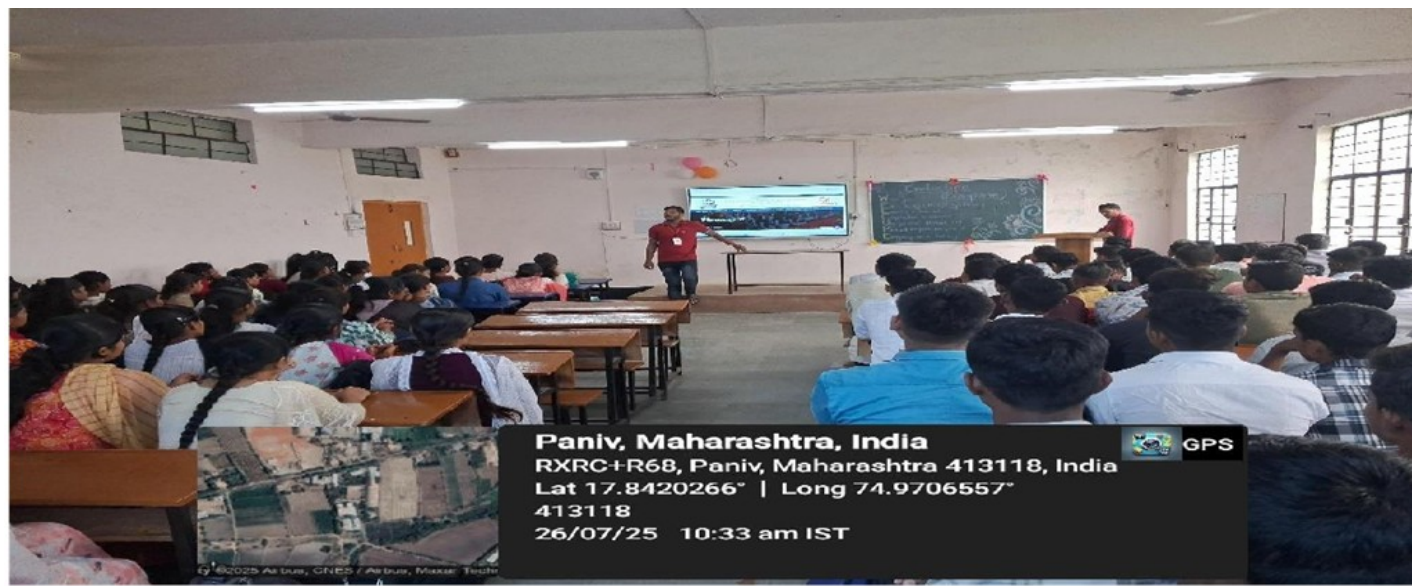
2: Professional Guidance:

The departments have dedicated knowledgeable, professional faculty members as useful Human resource who offers guidance to the students in addition to the classroom teaching for professional development.



3: Career Advancement

Every staff members are entrusted for providing the facilities to the students for successful completion of the diploma and exchange the various information and opportunities for their career advancement.



4: Course work /Laboratory specific

Every staff members encourage the students for completing the course /Laboratory work within stipulated period. The difficulties/ problems are solved by direct interaction.

5. All round development:

Students are encouraged not only in curricular activities but also for cocurricular activities for all round development. Various events like sports, social gathering, event management programmes are arranged ,Expert talks of the renowned personalities motivate the students for all round development.



पानीव (ता. माळशिरस) : येथील श्रीराम शिक्षण संस्थेत आयोजित 'सार्थक-२०२६' स्नेहसंमेलनात कलाविष्कार सादर करताना विद्यार्थिनी.

भक्तिगीते, नृत्य, नाटिकेने जिंकली उपस्थितांची मने पानीव येथे सार्थक २०२६ स्नेहसंमेलन

बोडले, ता. १० : भरतनाट्यम, भक्तिगीत, लोकगीत व देशभक्तीपर गीतांवर नृत्यासह छत्रपती संभाजी महाराज व क्रांतिज्योती सावित्रीबाई फुले यांच्या जीवनावर आधारित एकपात्री नाटक सादर करीत पानीव (ता. माळशिरस) येथील श्रीराम शिक्षण संस्थेचे 'सार्थक-२०२६' वार्षिक स्नेहसंमेलन झाले. यावेळी विद्यार्थ्यांच्या दर्जेदार कला सादरीकरणाने उपस्थितांची मने जिंकली.

कार्यक्रमाची सुरुवात दीपप्रज्वलन व सरस्वती पुजनाने करण्यात आली. यावेळी वेळारूचे सहायक पोलिस

निरीक्षक भाऊसाहेब गोसावी, श्रीराम शिक्षण संस्थेचे अध्यक्ष प्रकाश पाटील, मार्गदर्शक श्रीलेशा पाटील, उपाध्यक्ष करण पाटील, सचिव अॅड. अभिषेक पाटील, विरोध कार्यकारी अधिकारी दिनेश शिंदे, भाऊसाहेब कण्ठे, प्रमोद इगडे, विनोद वावर सर्व विभागांचे प्राचार्य, शिक्षक व शिक्षकेतर कर्मचारी व विद्यार्थ्यां उपस्थित होते.

७ व ८ असे दोन दिवस चाललेल्या या कार्यक्रमात विद्यार्थ्यांनी विविध सांस्कृतिक कार्यक्रमांची मेजवानी दिली.

Solapur, Solapur-Today
11/01/2026 Page No. 102





Tree plantation



Yoga



Meditation

8.2 Feedback analysis and reward/ corrective measures taken, if any (10)**Total Marks 10.00**

Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.

A. Methodology being followed for feedback collection, analysis and its effectiveness (5)**Institute Marks****5.00**

Students' perceptions of academic standards, infrastructure, and overall institutional facilities are systematically assessed through a structured feedback mechanism. Each programme collects feedback at the departmental level at the end of every semester. An internal committee, constituted under the Head of the Department, undertakes a detailed review and analysis of the feedback received.

Based on this evaluation, identified strengths and areas requiring improvement are formally communicated to the concerned faculty members. Appropriate corrective and remedial measures are subsequently implemented to enhance academic quality and ensure continuous institutional improvement.

B. Record of corrective measures taken (5)**Institute Marks****5.00****A. Record Of corrective measures taken(05)**

1. Feedback collected for all courses: YES

2. Feedback collection Process:

Course Feedback

a. Course feedback is collected from students at the end of each semester at the departmental level.

b. Feedback Form D14, prescribed under the CIAAN norms of the Maharashtra State Board of Technical Education (MSBTE), is administered to students to evaluate and analyze the Teaching–Learning Process.

A) Average percentage of the students who participate:

Although due care is taken to ensure maximum student participation in the feedback process, the actual participation typically ranges between 10% and 50% of students.

3. Feedback analysis process :

The feedback is analyzed by the internal committee. Faculty performance is also evaluated based on students' academic results through a detailed result analysis conducted after the declaration of each semester's results. The strengths and areas for improvement of each faculty member are identified and formally communicated to the respective faculty for further enhancement.

4. Basis of Reward/corrective Measures, if Any

The feedback is communicated to each staff member for review and necessary action. Based on the feedback received, faculty members address identified weaknesses and take appropriate measures to enhance the Teaching–Learning Process. Faculty are also deputed to attend content updating programmes and professional development activities to further strengthen their academic effectiveness.

Positive course feedback is duly considered in the performance appraisal process by the reporting officer. The appraisal remarks serve as supportive documentation for faculty members in their Career Advancement Scheme (CAS).

5. Indices used for measuring quality of teaching learning and summary of the index values for all the courses/teachers.

The feedback format prescribed by the Maharashtra State Board of Technical Education (MSBTE), Mumbai clearly specifies the parameters and indices for evaluating the quality of the Teaching–Learning Process. The performance indices include punctuality, subject knowledge, presentation skills, interaction with students, attitude towards addressing difficulties, use of teaching aids, ability to maintain discipline, and overall performance. The rating scale consists of four levels: Very Good, Good, Satisfactory, and Poor.

6. Indices used for measuring quality of teaching learning and summary of the index values for all the courses/teachers.

The feedback format prescribed by the Maharashtra State Board of Technical Education (MSBTE), Mumbai clearly specifies the parameters and indices for evaluating the quality of the Teaching–Learning Process. The performance indices include punctuality, subject knowledge, presentation skills, interaction with students, attitude towards addressing difficulties, use of teaching aids, ability to maintain discipline, and overall performance. The rating scale consists of four levels: Very Good, Good, Satisfactory, and Poor.



Shri Ram Institute of Engineering & Technology (Polytechnic), Pash (0994)
 Tal- Malhira, Dist- Solapur, Pin Code- 413113
 Program - Electrical Engineering
 Email id- sietpolyer@gmail.com Mobile Number: 9890550994
 Academic Year - 2022-23
 Semester - Ist

Program - Electrical Engineering
 5: Excellent
 4: Very Good
 3: Good
 2: Average
 1: Poor

Rating: Please rate the response in the scale of 1 to 5 that represents your opinion
 4: Very Good
 3: Good
 2: Average
 1: Poor

Date of Feedback - 7/10/22

Sr. No	Parameter to be Assessed on the Scale of 1 to 5 (1- Lowest & 5- Highest)	Course & Code	FUNDAMENTALS OF ICT (22001)	ENGINEERING GRAPHICS (22002)	WORKSHOP PRACTICE (22004)	ENGLISH (22101)	BASIC SCIENCE (22102)	BASIC MATHEMATICS (22103)
		Name of Faculty	Shandige M.T.	Joshi R.D.	Charat P.S.	Bhonsle J.R.	Mulani P.H. Patil R.B.	Kulkarni G.A.
1.	Knowledge base of the faculty		5	4	3	3	4	3
2.	Presentation and Communication skills		4	5	4	3	5	4
3.	Sincerity / dedication of the faculty		3	4	3	3	4	5
4.	Availability of the Faculty in and out of the class to resolve problems		3	4	3	4	5	3
5.	Effective use of teaching aids		4	3	5	5	4	4
6.	Relevance of course material		3	5	4	3	3	5
7.	Ability to assimilate course material with environment / other issues		4	5	3	4	4	3
8.	Clarity in assessment and evaluation		3	4	5	3	5	4
9.	Exam oriented remedial teaching		4	5	3	3	3	4
10.	Guidance and counselling about higher education/ placements/ careers		5	3	4	3	5	3
Total Marks			41	42	37	34	42	42
Marks Out Of 25			21	21	19	17	21	21
Average Marks Obtained Out Of 25			21	21	19	17	21	21

Maharashtra State Board of Technical Education
STUDENT FEEDBACK



Institute Name: Shriram Institute of Engineering & Technology (Poly.), Paniv

Academic Year:

Programme: Electrical Engineering Semester: 5th Date: 16-10-2025

Name of the Faculty: Salunkhe.S.H

Enrol. No.	Parameter (Each Parameter to be assessed on the scale of 1 to 5 (1- Lowest & 5- Highest))	Max Marks 25
24212330534	Coverage of syllabus	5
	Covering relevant topics beyond the syllabus	5
	Effectiveness in terms of technical contents / course contents	4
	Effectiveness in terms of communication skills	4
	Effectiveness in terms of Teaching aids	5
	Motivation and inspiration for students to learn in self-learning mode	5
	Support for development of student skills: Practical Performance	5
	Support for development of student skills: Project and Seminar preparation	4
	Feedback provided on student progress	4
	Punctuality and discipline	4
	Domain Knowledge	5
	Interaction with students	4
	Ability to resolve difficulties	5

7)Number of the corrective action taken:

The feedback content is continuously monitored by the Head of the Institution and the Head of the Department. The identified strengths and areas for improvement are duly recorded and taken into consideration during the performance appraisal process. The concerned faculty members are informed accordingly to facilitate continuous improvement and professional development.

8.3 Feedback on facilities (5)

Total Marks 5.00

A. Student feedback on facilities, analysis and corrective action taken (5)

Institute Marks

5.00

A. (5)

8.3 Feedback on Facilities

A.Student feedback on facilities ,analysis and corrective action taken

Students are asked to give their suggestions on various facilities available in the institute like

- Classrooms and laboratory infrastructure
- Availability of CCTV
- Availability of Ladies Room
- Availability of Boys room
- Computer/Internet facility
- Classroom ambience
- Water cooler
- Workshop
- Library
- TPO Cell
- Hostel
- Internet facility
- ATM
- Seminar Hall
- Smart Interactive Board
- Canteen Services
- fire extinguisher
- Medical and first-aid services
- Campus cleanliness and maintenance



Classrooms and laboratory infrastructure



Reading Hall



COLLEGE-LIBRARY



Girls-Hostel-1



Girls-Hostel-2



Boys-Hostel-Building



Hostel-Waiting-room-1



Sport-Ground-1



Sport-Ground-2



Hostel-Mess-1



Hostel-Reading Room



ATM



Language Lab



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (POLYTECHNIC), PANIV
Program : ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Student Overall Facility Feedback

Academic Year: _____

Department: _____

Class: _____

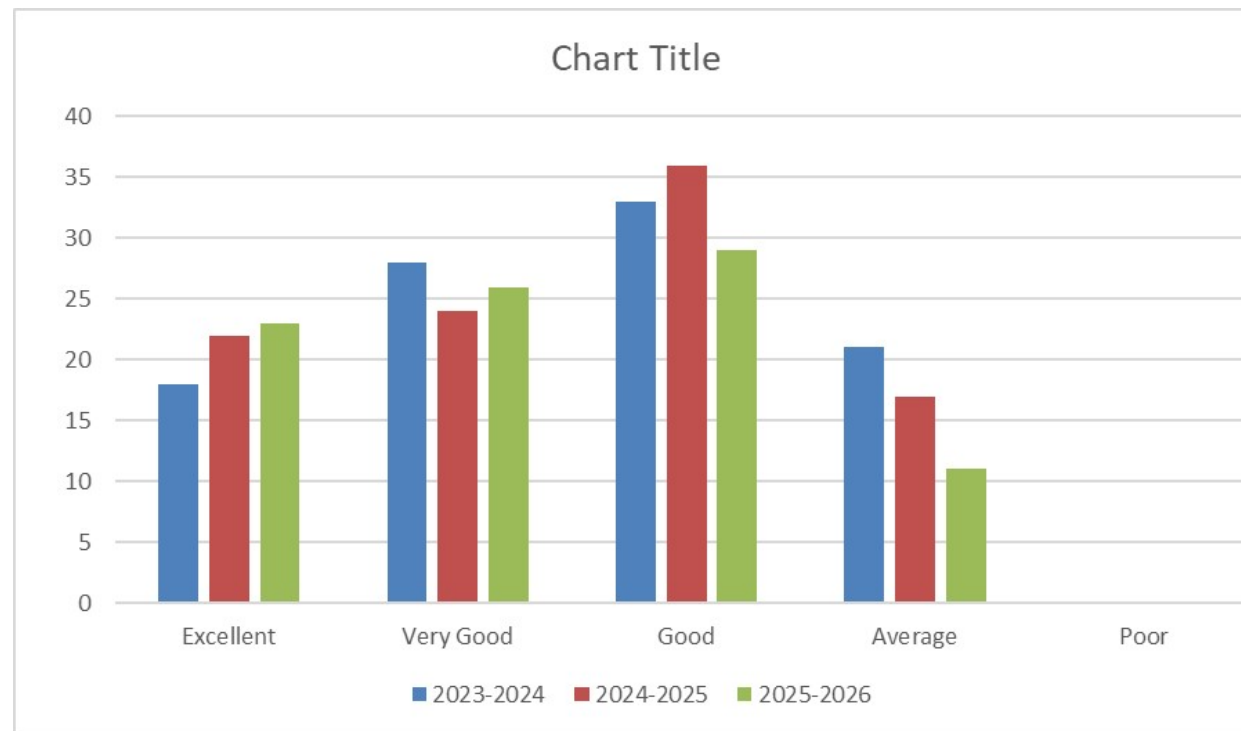
Please rate the following facilities:

Sr. No	Facility	Excellent	Good	Average	Poor	Suggestions
1	Classroom Facilities	☐	☐	☐	☐	_____
2	Laboratory Facilities	☐	☐	☐	☐	_____
3	Library Resources	☐	☐	☐	☐	_____
4	CCTV	☐	☐	☐	☐	_____
5	Drinking Water	☐	☐	☐	☐	_____
6	Hostel	☐	☐	☐	☐	_____
7	Sports Facilities	☐	☐	☐	☐	_____
8	Campus Cleanliness	☐	☐	☐	☐	_____
9	Canteen Facilities	☐	☐	☐	☐	_____
10	Washroom	☐	☐	☐	☐	_____
11	Internet	☐	☐	☐	☐	_____
12	ATM	☐	☐	☐	☐	_____
13	TPO Cell	☐	☐	☐	☐	_____
14	Medical Facility	☐	☐	☐	☐	_____
15	Transportation	☐	☐	☐	☐	_____

Feedback form of Electrical Engineering Department

Corrective action taken for feedback on Facilities:

The suggestions and complaints received are addressed through formal meetings, and appropriate action taken also remedial measures are implemented to resolve the issues effectively.



Graph of Facility Analysis

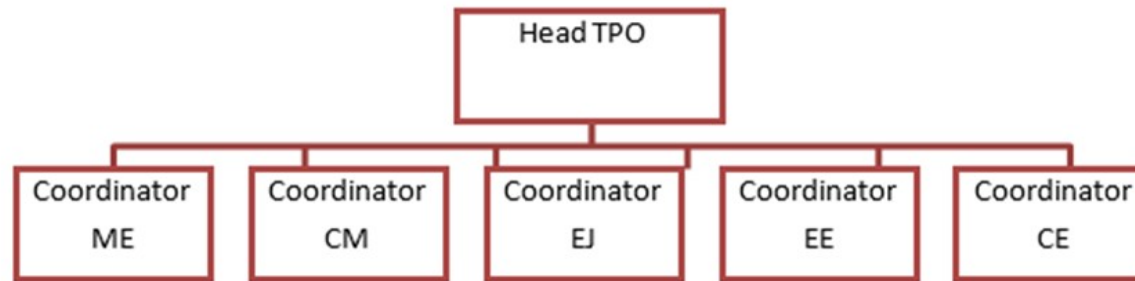
8.4 Career Guidance, Training, Placement (20)

Total Marks 20.00

Institute Marks

20.00

Organizational Chart

**A) Availability (05)**

A dedicated training and placement cell is established at the institute to oversee placement-related activities. A Senior Faculty is entrusted to shoulder the responsibilities of coordinating and managing all training and placement activities. Career guidance is the activity carried out at institute and programme levels to support students in planning and achieving their professional goals.

B) Management (10)**1. Career Guidance:****a. Objectives:**

1. To develop competencies that supports the overall and holistic development of the individual.
2. To identify and nurture various skills among students .

b. Activities:

Expert lectures are organized by the departments as per academic requirements. Faculty members also provide guidance and mentoring to students regarding career development and future opportunities.



Career guidance program



Personality Development program

Mr. Yashwant Shitole (chief guest of the program) shares their thoughts with the students.



Personality Development program

Dr. Sanjay Kalamkar (chief guest of the program) shares their thoughts with the students.

Training and Placement :

a. Objective:

- a. To Enrich Industry –Institute Interaction.
- b. Identify the Industries for placement of the students.
- c. Help Students To Improve communication, leadership, and interpersonal skills.
- d. Build partnerships with companies for placements and internships for students.
- e. Offer guidance to help students make informed career decisions.

b. Activities:

Training and placement Officer (TPO) is responsible for industry-institute activities. One faculty member from each department assists TPO in this activity.

- a. Pre-Placement Training & Post-Placement Support.
- b. Industry Interactions & signing the MOU's with them.
- c. Arranging Placement Drives & Internship Programs.
- d. Organize Career Counseling Session's & Skill Development Workshops.
- e. Alumni Engagement Programs.
- f. Arranging Entrepreneurship awareness program.



C. Effectiveness (05)

Placement Data of Electrical Engineering Department students

Sr. No.	Academic Year	Name of the Industry/Company	Numbers of Students Selected
1	2022 - 23	Piaggio Vehicals Pvt Ltd., Baramati MIDC, Baramati - 400101	14
		ZF Steearing Gear (India) Ltd,1242/44,Tal:-Shirur Dist:- Pune 412216	08
		Spark Minda India Pvt Ltd ,Pune, Mahalunge, Pune 410505	05
		Spraytech System(India)Pvt Ltd,Indapur Five Star Industrial Area ,Village-Loni Devkar,pune 413106	02
		Lucas TVS Ltd, Pune	01
		Tata Motors Ltd, Chakan Pune	16
		Varroc Lighting Ltd, Chakan Pune	17
		Shree Samarth Enterprises, Piliv.	06
		Info AutoTech India, Baramati.	04
		SP Enterprises, Sangola.	02
		Midas Metrology Solutions, Pune	02
		Kabra Batterix Pvt. Ltd., Pune	02

2	2023 - 24	Aryan Pumps, Indapur	04
		Harman Electronics Pvt. Ltd., Pune	13
		Delval Flow Control's Pvt. Ltd., Shirwal	13
		Lukas TVS, Chakan (Pune)	17
		Varroc Lightning System, Chakan (Pune)	17
		Tenneco Clean Air India,(Chakan) Pune	18
		ZF Steering Gear India Pvt. Ltd., Pune	01
		Curiosity Automation, Baramati.	03
		PVG Technology, Pune	01
		Jaya Hind Industries, Pune	05
		Vinayak Light House, Jath.	05
		Tata Motors, Pune	05
		Jagdamba Auto, Pune	03
		Midas Metrology Solutions, Pune	01
		Flash Electronics, Chakan	05
		Piaggio Vehicles, Baramati	06
		Autocomp Corporation Panse Pvt. Ltd., Chakan	13
		General Industrial Controls Pvt. Ltd. Bhosari	13
		Kabra Batterix Pvt. Ltd., Pune	01

3	2024 - 25	Bharat Forge Mundhwa, Pune	01
		John Deere India Pvt. Ltd., Pune	02
		Inyantra Technologies Pvt. Ltd., Shirwal	13
		Writgen Group India Pvt. Ltd., Pune	01
		Harman International Pvt. Ltd., Pune	06
		Curiosity Automation, Baramati.	01
		Cummins India Limited, Pune	02
		Vinayak Light House, Jath.	01
		SP Enterprises, Sangola.	03
		Bajaj Auto Ltd., Pune	02
		Shree Samarth Enterprises, Piliv.	02

Following table indicates various activities undertaken by Electrical Engineering department for carrier guidance.

Sr No.	Topic	Date	Resource person	No of students present
1	Carrier Guidance Program For T.Y.Students By America India Foundation	26/09/2022 To 27/09/2022	Mr.Vishwas Kedari	96
2	Carrier Guidance Program For T.Y.Students	21/02/2023	1.Dr.Sirdeshmukh M.D. (HOD JSPM Narhe,Pune) 2.Mr.Pravin Deshmukh , (Director Fantasy Foundation,Pune)	115

3	Computer Technology Opportunity	20/10/2023	Mr.Nanware VK (SET-NET Qualified)	96
4	“Tarunaecha Bharat ani Bhavishya”(“तरुणाईचे भारत आणि भविष्य”)	29/01/2024	Mr. Yashwant Shitole	130
5	“Yashacha Anadadai Marg”(“यशाचा आनंददायी मार्ग”)	30/01/2024	Mr. Sanjay Kalmakar	130
6	Swapna Bhaga Swapna Jaga (“स्वप्न बघा, स्वप्न जगा”)	31/01/2024	Mr. Pravin Davane	130
7	Vidarthyanishi Savad (“विद्यार्थ्यांशी संवाद”)	01/02/2024	Mr. Avinash Bharti	130
8	Ajacha Yuvak Udyache Bhavishya “आजचा युवक, उद्याचे भविष्य”	02/02/2024	Mr. Nitin Bangude Patil	130
9	Industrial management	02/02/2024	Mr. Kangale Nitin	96
10	Career Opportunities	29/02/2024	Mr. Vikas Raskar	96
11	“Soft Skill development, Technical Skills & Employability Enhancing Program for Diploma Engineering students” By Aspire For Her (Theta Dynamics Pvt.Ltd ,Belgavi)	22/09/2025 To 25/09/2025	Mr.Dhiraj Alate & Mr.Kartik	65
12	German Language Apprentice Program By BioBright Consultancy, Pune	04/04/2025	Mr.Javed Attar	67
13	“Importance of - Skill Development”	15/07/2025	Dr.Sahebagouda Sangnagoudar	58

Industry Interaction for Training:

Every department has signed MoU's with nearby industries for conduction of following activities.

- Invite experts from industries to share their experiences among students.
- Allow students for in-plant training during vacation.
- Permit students to visit their industries.

Table below shows the list of industries who signed MoU's with following Department

Sr. No.	Programme	Industry/ Organization	Purpose	Tenure/ Period
1	Electrical Engineering	Spartan Technologies Pvt. Ltd., Machnur(Mangalwedha)	Industrial Visit, Industrial Training, and other activities as mutually agreed	2021 - 24
2		Shree Samarth Enterprises, Piliv	Industrial Visit, Industrial Training, and other activities as mutually agreed	2019 - 22
3		Info AutoTech India, Baramati	Industrial Visit, Industrial Training, and other activities as mutually agreed	2024 - 27
4		Global Enterprises, Tadawale (Barshi)	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025 - 30
5		Shree Samarth Enterprises, Piliv	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025 - 29

A. Availability (01)

The Entrepreneurship Development Cell (EDC) in Shriram Institute of Engineering & Technology (Polytechnic), Paniv, is initiated to promote Entrepreneurship Culture and activities among the students by organizing the related activities. EDC was established in 2014 and the primary objective of EDC is to organize Entrepreneurship awareness programs for students in order to bring awareness about Entrepreneurship.

B. Management (02)

The EDC in college conducts a number of Skill development training programs that can lead to self/employment. As a part, research work and surveys will be carried out for identifying entrepreneurial opportunities. EDC also arranges guest lectures by successful entrepreneurs and provides a platform for interaction between professional entrepreneurs and student entrepreneurs apart from organizing Boot camps, industrial visits, and panel discussions.

C. Effectiveness (02)

The main aim of the EDC is to develop entrepreneurship capability in students by organizing workshops on business communications (Email Writing; CV Making; Applying for a job), Presentation skills (How to present), idea Generation for Start-ups and technology development. EDC in college invites eminent people as resource persons like personality development trainers to motivate the students and to develop the attitude students. EDC cell has its own committee to take care of all the activities.









Expert talk about Awareness of Entrepreneurship has organized for final year Students

9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (75)

Total Marks 75.00

9.1 Organization, Governance and Transparency (25)

Total Marks 25.00

9.1.1 State the Vision and Mission of the Institute (5)

Institute Marks

5.00

Vision :

To provide quality education that helps rural students grow and become independent

Mission :

M1 - To give rural students the knowledge and skills they need to succeed in life M2 - To support students for academic excellence and personal growth M3 - To prepare students ethically for socially useful work

9.1.2 Governing body, administrative setup, functions of various bodies, define rules procedures, recruitment and promotional policies (5)

Institute Marks

5.00

9.1.2 A List the Governing Body Composition; their memberships, functions, and responsibilities (02)

S.I.E.T Polytechnic has well established organizational structure to execute smooth functioning of administrative and academic processes. The organization chart is comprised of several formulated bodies. Comprising members of the management, Principal, and nominated faculty members, the governing body serves as the highest decision-making body in the organization .College Development Committee Comprises representatives of members of society, Principal. The Principal, Heads of the Departments and coordinators of various committees actively participate in decision-making processes related to both academic and administrative matters within their purview. Members of Governing body, College development committee, ICIU and institute level committees are shown in the tables below:

The institute has well established organizational structure to execute administrative and academic functions. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members

Table No. 9.1.2.1 List of Governing Body

Sr.No.	Committee Members	Designation	Appointed as
1	Mr. Patil Prakash Shamrao	Chairman	Nominated By Management
2	Mr. Patil Karan Prakash	Member	Nominated By Management
3	Adv. Patil Abhishek Prakash	Member	Nominated By Management
4	Mrs. Patil Shrilekha Prakash	Member	Nominated By Management
5	AICTE Nominee, Mumbai	Ex-Officio Member	AICTE Representative
6	Registrar DBATU University Lonere	Ex-Officio Member	DBATU University Representative

7	Deputy Secretary MSBTE Regional Office Pune	Ex-Officio Member	MSBTE Representative
8	Joint Director DTE Regional Office Pune	Ex-Officio Member	DTE Representative
9	Mr. Babar Vinod Vishnu	Member	Academician Representative
10	Mr. Dhainje Prakash Bhagwan	Ex-Officio Member & Secretary	Principal of Our Institute
11	Mr. Tamboli Shabbir Ismail	Member	Faculty Representative

Functions of Governing body

i. Vision, Mission and policy planning

Governing body ensures:

- Institute draws correct vision for fulfilment of objectives of institute.
- Institutes mission, which indicates action plan to achieve the vision.
- Strategies of different work.

ii. Finance

Governing body has prime role to concern financial matters to:

- Approve the income and expenditure of the institute as per strategicplan.
- Ensures the provided funds are adequate and managed in accordance.

iii. Risk assessment and Management

- Governing body surveys sanction plans and identifies risk parameters of the institute.
- Governing body is responsible for management of risks

B. Minutes of the meetings and action-taken reports (01)

Table No.9.1.2.2 Minutes of the meetings and action-taken reports of Governing Body

Sr.	Date of		
-----	---------	--	--

No.	meeting	Main points discussed	Action taken
1	05/06/2023	1. Reading and Confirmation of the Minutes of the Previous BOG Meeting 2. Review of Action Taken Report on the Resolutions of the Previous BOG Meeting 3. Review of Institutional Development and Strategic Initiatives 4. Review of Admission Process 5. Academic Planning and Quality Enhancement for the Upcoming Semester 6. Review of Infrastructure Development and Laboratory Facilities 7. Student Support, Welfare, Training, and Placement Activities 8. Financial Planning, Budget Approval, and Utilization of Funds 9. Any Other Item with the Permission of the Chair	Approved all together
2	10/01/2024	1. Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting 2. Review of Action Taken Report on the Resolutions of the Previous BOG Meeting 3. Review of Examination Preparation and Results Analysis 4. Review of Student Feedback and Quality Improvement Measures 5. Review of Industry Collaboration, Training, and Institutional Partnerships 6. Review regarding the Purchase of Required Materials for NBA Accreditation 7. Any Other Item with the Permission of the Chair	Approved all together
3	08/06/2024	1. Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting 2. Review of Action Taken Report (ATR) on the Resolutions of the Previous Meeting 3. Review of Academic Planning for the Semester 4. Review of Admission Process 5. Submission of Proposal to the Directorate of Technical Education (DTE), Mumbai 6. Review of Annual Academic Performance and Result Analysis 7. Review of Placement Outcomes and Career Development Activities 8. Review and Planning of Faculty Development Programmes (FDPs) 9. Review of Industry MoUs, Collaborations, Internships, and Industry Interaction Activities 10. Financial Planning, Budget Approval, and Utilization of Funds	Approved all together

		11. Review of Infrastructure, Laboratory Development, and Learning Resources 12. Any Other Item with the Permission of the Chair	
4	09/01/2025	1. Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting 2. Review of the Action Taken Report on the Resolutions Passed in the Previous BOG Meeting 3. Review of Examination Preparation Activities and Analysis of Academic Results 4. Discussion and Approval Regarding Handing Over the Charge of the Principal's Post 5. Review of Student Feedback and Discussion on Quality Improvement Measures 6. Review of Industry Collaborations, Training Programmes, Internships, and Institutional Partnerships 7. Review of NBA Accreditation Activities, Documentation, and Preparedness Status 8. Any Other Item with the Permission of the Chair	Approved all together

II.COLLEGE DEVELOPMENT COMMITTEE MEMBER:-**Table No. 9.1.2.3 List of College Development Committee members (2025-26)**

Sr.No.	Name	Designation	Particulars
1	Mr. Patil Abhishek Prakash	Chairman	Society Nominee
2	Mrs. Patil Shrulekha Prakash	Member	Society Nominee
3	Mrs. Shinde Ujjwala Dinesh	Member	Society Nominee
4	Mr. Babar Vinod Vishnu	Member	Society Nominee
5	Mr. Dirange Maheshkumar Haribhau	Member	HOD E & TC Engg.
6	Mr. Lawand Sagar Shashikant	Member	HOD Mechanical Engg.

7	Mr. Zanje Nana Vitthal	Member	HOD Civil Engg.
8	Mrs. Salunkhe Supriya Arjun	Member	HOD Electrical Engg.
9	Mr. Salunke Kiran Hanumant	Member	Teaching Faculty
10	Mr. Pawar Sharad Hanumant	Member	Alumni Member
11	Mr. Kulkarni Om Pradip	Member	Student Council Member
12	Mr. Chaugule Nayankumar Babanrao	Member	Non -Teaching
13	Mr. Dhainje Prakash Bhagwan	Member Secretary	Principal

Functions & Responsibilities of College Development Committee:

1. Prepare an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and enable college to foster excellence in curricular, co-curricular and extracurricular activities
2. Decide about the overall teaching programmers or annual calendar of the college
3. Recommend to the management about introducing new academic courses and the creation of additional teaching and administrative posts;
4. Take review of the self-financing courses in the college & make recommendations for their improvement;
5. Make specific recommendations to the management to encourage and strengthen research culture, consultancy and extension activities in the college;
6. Make specific recommendations to the management to foster academic collaborations to strengthen teaching and research;
7. Make specific recommendations to the management to encourage the use of information and communication technology in teaching and learning process;
8. Make specific recommendations regarding the improvement in teaching and suitable training programmes for the employees of the college;
9. Prepare the annual financial estimates (budget) and financial statements of the

college or institution and recommend the same to the management for approval;

10. Formulate proposals of new expenditure not provided for in the annual budget;
11. Make recommendations regarding the students and employees welfare activities in

the college;

12. Frame suitable admissions procedure for different programmes by following the statutory

norms;

13. Plan major annual events in the college, such as annual day, sports events, cultural events,

etc.;

14. Recommend the administration about appropriate steps to be taken regarding the discipline, safety and security issues of the college;
15. Consider and make appropriate recommendations on inspection reports, local inquiry reports, audit report, report of National Assessment and Accreditation

Council, etc.;

16. Recommend the distribution of different prizes, medals and awards to the students;

17. Perform such other duties and exercise such other powers as may be entrusted

by the management and the university.

Minutes of the Meetings and action-taken report of College Development Committee

Table 9.1.2.4 shows Minutes of Meetings of College Development Committee for last 3 years.

Sr. No.	Date of meeting	Main points discussed	Action taken
1	14/06/2023	1. Review of admission process 2. Academic planning for semester 3. Infrastructure and laboratory development 4. Student support and welfare activities 5. Financial planning and utilization	1. Admission procedures were reviewed and streamlined. Updated admission guidelines were circulated 2. The academic calendar was finalized and circulated. Department-wise timetables, course allocation, teaching plans, and examination schedules were prepared to ensure timely completion of the syllabus. 3. Infrastructure and laboratory requirements identified for development. 4. A schedule of student support activities, including orientation programmes, mentoring, career guidance, skill development workshops, health awareness programmes, and grievance redressal initiatives, was prepared for implementation throughout the semester. 5. Budget reviewed and funds allocated for priority activities.
2	06/10/2023	1. Review of academic progress 2. Faculty development programs 3. Industry interaction and MoUs 4. Student training and placement activities	1. Academic progress reviewed and necessary corrective measures suggested. 2. Faculty members were encouraged to participate in FDPs, workshops, and seminars. 3. Efforts initiated to strengthen industry collaborations and establish new MoUs. 4. Training programmes and placement activities were planned in coordination with industry partners.

3	05/01/2024	1. Examination preparation and results analysis discussed 2. Student feedback reviewed 3. Industry collaboration strengthened	1. Examination preparations were reviewed, and result analysis was conducted to improve academic performance. 2. Student feedback was analyzed, and appropriate measures were initiated to address the suggestions received. 3. Industry interactions were enhanced, and initiatives were taken to strengthen collaborations for internships, training, and placements.
4	03/04/2024	1. Annual academic performance review 2. Placement outcomes 3. Faculty development summary 4. Planning for next academic year	1. Annual academic performance was reviewed, and improvement measures were identified. 2. Placement outcomes were reviewed, and strategies were planned to enhance future placements. 3. Faculty development activities were reviewed, and participation in future FDPs was encouraged. 4. An action plan for the next academic year was prepared, covering academic, administrative, and development activities.
5	21/06/2024	1. Academic planning for semester 2. FDP planning 3. Industry MoUs review 4. Infrastructure review	1. Semester academic plan and academic calendar were finalized. 2. Faculty Development Programmes were planned for the semester. 3. Existing MoUs were reviewed, and steps were initiated to strengthen industry collaborations. 4. Infrastructure requirements were reviewed, and necessary improvements were proposed.
		1. Academic progress monitoring 2. FDP participation review 3. Industry interaction activities 4. Placement drive planning 5. Infrastructure maintenance	1. Academic progress was reviewed, and corrective measures were suggested where required. 2. Faculty participation in FDPs was reviewed, and future participation was encouraged. 3. Industry interaction activities were reviewed, and plans for additional collaborations were initiated.

6	4/10/2024		4. Placement drives were planned in coordination with industry partners and the Training & Placement Cell. 5. Infrastructure maintenance requirements were reviewed, and necessary maintenance work was initiated.
7	10/01/2025	1. Examination and result analysis 2. Student mentoring 3. Industry internships review 4. Infrastructure upgradation approval	1. Examination results were analyzed, and measures for improving student performance were recommended. 2. Student mentoring activities were reviewed and strengthened to enhance academic support. 3. Internship progress was reviewed, and efforts were made to expand industry internship opportunities. 4. Infrastructure upgradation proposals were approved, and implementation was initiated.
8	4/4/2025	1. Annual academic review 2. Placement achievements 3. Faculty development summary 4. Infrastructure development report 5. Action plan for next year	1. Annual academic performance was reviewed, and improvement measures were recommended. 2. Placement achievements were reviewed, and strategies were planned to further improve placements. 3. Faculty development activities were reviewed, and future FDP participation was encouraged. 4. Infrastructure development progress was reviewed, and pending works were scheduled for completion. 5. An action plan for the next academic year was prepared and approved.
9	20/06/2025	1. Review of admission process 2. Academic planning for semester 3. Infrastructure and laboratory development 4. Student support and welfare activities 5. Financial planning and utilization	1. Admission process was reviewed, and necessary improvements were implemented. 2. Academic calendar and semester teaching plans were finalized. 3. Infrastructure and laboratory enhancement requirements were reviewed, and development work was initiated. 4. Student support and welfare activities were planned for effective implementation. 5. Budget allocation was reviewed, and funds were approved for priority academic and development activities.
		1. Review of academic progress 2. Faculty development programs 3. Industry interaction and MoUs	1. Academic progress was reviewed, and corrective measures were suggested. 2. Faculty members were encouraged to

10	07/10/2025	4. Student training and placement activities 5. Infrastructure status review	participate in FDPs, workshops, and seminars. 3. Industry collaborations and MoUs were reviewed, and efforts to strengthen partnerships were initiated. 4. Student training programmes and placement activities were planned and strengthened. 5. Infrastructure status was reviewed, and necessary maintenance and development work was initiated.
11	6/01/2026	1. Examination preparation and results analysis discussed 2. Student feedback reviewed 3. Industry collaboration strengthened	1. Examination preparations were completed, and result analysis was carried out to identify areas for improvement. 2. Student feedback was reviewed, and appropriate corrective actions were initiated. 3. Industry collaborations were strengthened through enhanced interactions and partnership initiatives.
12	10/04/2026	1. Annual academic performance review 2. Placement outcomes 3. Faculty development summary 4. Planning for next academic year	1. Annual academic performance was reviewed, and improvement measures were identified. 2. Placement outcomes were reviewed, and strategies were planned to improve future placements. 3. Faculty development activities were reviewed, and participation in future FDPs was encouraged. 4. The academic and institutional action plan for the next academic year was finalized.

III. Institution Curriculum Implementation Unit (ICIU):-

Table No. 9.1.2.5 List of Institution Curriculum Implementation Unit Members (2025-26)

Sr. No.	Name Of Member	Designation	Officials
1.	Mr. Dhainje Prakash Bhagwan	Principal	Chairman
2.	Mr.Tamboli Shabbir Ismail	Lecturer, Academic Coordinator	Member Secretary
3	Mr. Chaugule Nayankumar Babanrao	Administrative Head Clerk	Member
4	Mr. Zanje Nana Vitthal	HOD of Civil Dept.	Member
5	Ms. Raut Sonali Popat	HOD of Computer Dept.	Member
6	Ms. Salunke Supriya Arjun	HOD of Electrical Dept.	Member
7	Mr, Dirange Maheshkumar Haribhau	HOD of E & TC Dept.	Member
8	Mr. Lawand Sagar Shashikant	HOD of Mechanical Dept.	Member
9	Mr. Sawant Vikram Vijay	Senior Lecturer	Member
10	Ms. Jadhav Vaishali Digvijay	Senior Lecturer	Member
11	Mr.Dombale Amol Babu	Senior Lecturer	Member
12	Mr. Bhais Sagar Shamsing	Industry Expert	Member
13	Mr. Chaugule Satish Ganpat	Alumni Representative	Member

Function and Responsibilities of ICIU member:-

- Study curriculum development Process Prepare curriculum implementation plan at Institute level.
- Identify the resources gap at Institute level and develop plan to make up the deficiencies.
- Plan for academic calendar of the institute taking into consideration the calendar from MSBTE.
- Guide the departments regarding philosophy of curriculum design and its implementation.

- Ensure uniform implementation of MSBTE norms for student assessment.
- Analyze the report of internal and external monitoring committee and take remedial actions.
- Maintain the records of all activities in prescribed form.

I) Minutes of the meetings and action-taken reports of ICIU: -

Table 9.1.2.6 shows minutes of meetings of Institution Curriculum Implementation Unit for last 3 years.

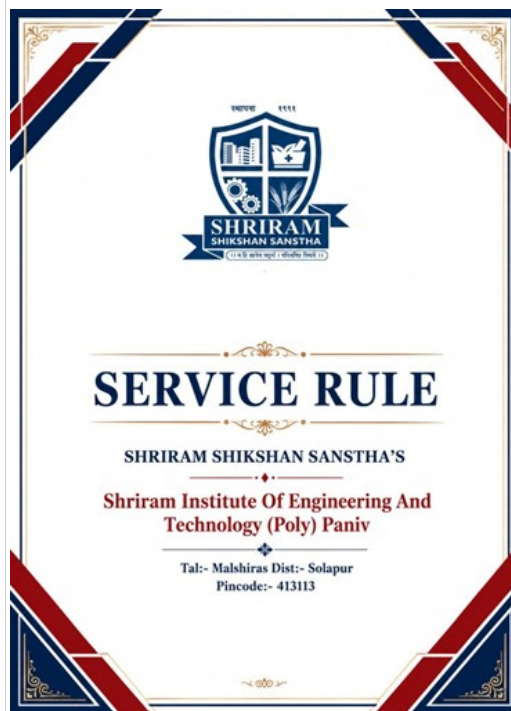
Sr. No.	Date of meeting	Main points discussed	Action taken
1	13/03/2026	To discuss about Review of Syllabus Completion and Attendance	Approved unanimously
2	11/12/2025	To discuss about Academic Planning for Even Semester	Approved unanimously
3	26/09/2025	To discuss about Faculty Development Programs	Approved unanimously
4	28/06/2025	To discuss about Academic Planning for the Odd Semester	Approved unanimously
5	26/03/2025	To discuss about Result Analysis of internal test and Improvement Strategies	Approved unanimously
6	26/12/2024	To discuss about Academic Planning for Even Semester	Approved unanimously
7	20/09/2024	To discuss about Technical Event Planning	Approved unanimously
8	12/07/2024	To discuss about Academic Planning for the Odd Semester	Approved unanimously

9	14/03/2024	To discuss about Result Analysis of internal test and Improvement Strategies	Approved unanimously
10	28/12/2023	To discuss about Academic Planning for Even Semester	Approved unanimously
11	22/09/2023	To discuss about Examination and Evaluation Plan	Approved unanimously
12	18/07/2023	To discuss about Academic Planning for the Odd Semester	Approved unanimously

C.The published service rules, policies, and procedures with year of publication (01)

(The rules and policies regarding recruitment and promotion are as per AICTE, DTE,MSBTE and The AICTE pay scales are implemented periodically.)

I . Service rules:



CHAPTER 3 PROMOTION POLICY

3.1 Introduction

The Institute believes that promotion is an important element of career advancement and employee motivation. Promotion shall recognize merit, competence, professional growth, and contribution to the development of the Institute.

The Promotion Policy aims to ensure fairness, transparency, and equal opportunity while maintaining the quality of education and administration.

This policy shall be implemented in accordance with the norms prescribed by AICTE, Directorate of Technical Education (DTE), Maharashtra, MSBTE, Government of Maharashtra, and the rules of the Management.

3.2 Objectives

The objectives of this Promotion Policy are:

1. To provide equal opportunities for career advancement.
2. To recognize merit and professional excellence.
3. To encourage higher qualifications and continuous learning.
4. To motivate employees for better performance.
5. To ensure transparent and objective promotion procedures.
6. To strengthen academic and administrative leadership.
7. To retain competent and experienced employees.

3.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff (where promotional posts exist)

Promotion shall be considered only for employees appointed against sanctioned posts.

3.4 General Principles

1. Promotion is **not an automatic right**.
2. Promotion shall depend upon:
 - Availability of vacancy.
 - Institutional requirement.
 - Performance.
 - Qualifications.
 - Experience.
3. Seniority alone shall not confer a right to promotion.
4. Merit, efficiency, integrity, and conduct shall be given due weightage.
5. Promotion shall be approved only by the Management.

3.5 Eligibility Criteria

An employee shall ordinarily be eligible for promotion only if:

1. The employee is confirmed in service.

II. Recruitment Rules:

**CHAPTER I
RECRUITMENT POLICY**

1.1 Introduction

Shriram Institute of Engineering and Technology (Polytechnic), Paniv is committed to recruiting competent, qualified, dedicated, and ethical employees to achieve excellence in technical education. The Institute believes that human resources are its greatest asset and that transparent, fair, and merit-based recruitment contributes significantly to institutional growth and academic excellence.

This Recruitment Policy is framed in accordance with the guidelines of the All India Council for Technical Education (AICTE), the Directorate of Technical Education (DTE), Maharashtra, the Maharashtra State Board of Technical Education (MSBTE), Government of Maharashtra regulations, and other applicable laws.

1.2 Objectives

The objectives of this Recruitment Policy are:

1. To recruit competent and qualified personnel.
2. To ensure transparency, fairness, and equal opportunity in recruitment.
3. To comply with AICTE, DTE, MSBTE, and Government regulations.
4. To select employees based on merit, qualifications, experience, and professional competence.
5. To maintain high standards of teaching and administration.
6. To promote diversity and equal employment opportunities.
7. To ensure that appointments are made only against sanctioned posts.
8. To establish a systematic recruitment and selection process.

1.3 Scope

This policy shall apply to the recruitment of:

A. Teaching Staff

- Principal
- Head of Department
- Lecturer

B. Academic Support Staff

- Librarian
- Physical Education Director
- Training and Placement Officer

C. Technical Staff

- Workshop Superintendent
- Instructor
- Lab Assistant
- Technical Assistant
- System Administrator
- Programmer

III. Promotion Policies:

CHAPTER 3 PROMOTION POLICY

3.1 Introduction

The Institute believes that promotion is an important element of career advancement and employee motivation. Promotion shall recognize merit, competence, professional growth, and contribution to the development of the Institute.

The Promotion Policy aims to ensure fairness, transparency, and equal opportunity while maintaining the quality of education and administration.

This policy shall be implemented in accordance with the norms prescribed by AICTE, Directorate of Technical Education (DTE), Maharashtra, MSBTE, Government of Maharashtra, and the rules of the Management.

3.2 Objectives

The objectives of this Promotion Policy are:

1. To provide equal opportunities for career advancement.
2. To recognize merit and professional excellence.
3. To encourage higher qualifications and continuous learning.
4. To motivate employees for better performance.
5. To ensure transparent and objective promotion procedures.
6. To strengthen academic and administrative leadership.
7. To retain competent and experienced employees.

3.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff (where promotional posts exist)

Promotion shall be considered only for employees appointed against sanctioned posts.

3.4 General Principles

1. Promotion is **not an automatic right**.
2. Promotion shall depend upon:
 - Availability of vacancy.
 - Institutional requirement.
 - Performance.
 - Qualifications.
 - Experience.
3. Seniority alone shall not confer a right to promotion.
4. Merit, efficiency, integrity, and conduct shall be given due weightage.
5. Promotion shall be approved only by the Management.

3.5 Eligibility Criteria

An employee shall ordinarily be eligible for promotion only if:

1. The employee is confirmed in service.

IV. Staff Leave Policies:

CHAPTER 2
LEAVE RULES & STAFF LEAVE POLICY

2.1 Introduction
The Institute recognizes that leave is essential for the health, well-being, and efficiency of employees. This Leave Policy provides a uniform and transparent system for granting leave while ensuring that academic and administrative activities continue without interruption.
All employees shall plan their leave responsibly and obtain prior approval from the Competent Authority except in cases of emergency.

2.2 Objectives
The objectives of the Leave Policy are:
1. To provide a fair and uniform leave system.
2. To ensure uninterrupted academic and administrative functioning.
3. To define the eligibility, procedure, and authority for sanctioning leave.
4. To maintain proper leave records.
5. To prevent misuse of leave.
6. To comply with applicable labour laws and institutional policies.

2.3 Applicability
This policy shall apply to:
• Teaching Staff
• Technical Staff
• Administrative Staff
• Supporting Staff
• Regular Employees
• Probationary Employees
• Contract Employees (to the extent specified in their appointment order)

2.4 Working Days
The Institute shall function as per the Academic Calendar approved by MSBTE and the Management.
• Working Days: Six days per week.
• Weekly Holiday: Sunday (or as notified by the Management).
• Institute Holidays: As declared in the Academic Calendar.

2.5 Types of Leave
The following categories of leave shall be admissible:
1. Casual Leave (CL)
2. Medical Leave (ML)
3. Maternity Leave
4. Paternity Leave
5. On Duty Leave (OD)
6. Leave Without Pay (LWP)
No other leave shall be admissible unless specifically approved by the Management.

9.1.2 D - Extent of awareness among the employees/students

Details of governing body administrative setup are available on institute website. Minutes of meetings with governing body are discussed with the internal stake holders by conducting the meeting at institute level. Details of Service Rules, Recruitment, Promotional Policies, Roles and Responsibilities of Staff are available on institute website.

CHAPTER 5 EMPLOYEE AWARENESS AND ORIENTATION POLICY

5.1 Introduction

Shriram Institute of Engineering and Technology (Polytechnic), Paniv believes that every employee should have a clear understanding of the Institute's vision, mission, service rules, policies, academic procedures, statutory regulations, and ethical responsibilities. Employee awareness and orientation are essential for maintaining discipline, ensuring compliance with AICTE, DTE, and MSBTE regulations, and fostering a positive work culture.

This policy establishes a structured framework to orient newly appointed employees and provide continuous awareness programmes for all employees.

5.2 Objectives

The objectives of this policy are to:

1. Familiarize employees with the Institute's vision, mission, and values.
2. Ensure awareness of Service Rules and Code of Conduct.
3. Promote compliance with AICTE, DTE, MSBTE, and Government regulations.
4. Improve employee performance through continuous learning.
5. Develop a culture of quality, ethics, accountability, and teamwork.
6. Ensure awareness of statutory policies and institutional procedures.
7. Promote professional development and lifelong learning.

5.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff
- Regular Employees
- Probationary Employees
- Contract Employees (where applicable)

5.4 Employee Induction Programme

Every newly appointed employee shall undergo an **Induction Programme** within one month of joining.

The programme shall include:

- Introduction to the Management and Institute.
- Vision, Mission, and Quality Policy.
- Organizational Structure.
- Departmental introduction.
- Service Rules and Regulations.
- Roles and Responsibilities.
- Leave Rules.
- Salary and Promotion Policies.
- Attendance and Biometric System.

3. The Institute may revise the content and frequency of awareness programmes based on regulatory changes or institutional needs.
4. Non-compliance with mandatory awareness programmes may be considered during performance appraisal.


Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Shrivardhan Dist. Raichur


Secretary
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Shrivardhan Dist. Raichur

9.1.3 Decentralization in working and grievance redressal mechanism (5)

Institute Marks

5.00

9.1.3 List the names of the faculty members who have been delegated powers for taking administrative decisions

S.I.E.T polytechnic college believes in the decentralized work culture as it helps to improve quality of decision making, motivation, provide opportunity to learn by doing and encourages development of college i.e. head of departments in the institute. Head of Departments and section in charge are empowered to administrate, manage, academic development of the department. Hence Principal extends the delegation of powers except financial powers to the concern head of departments and administrative officers at various levels to achieve desired output. Also various committees at institute level are established to provide better services.

The figure 9.1.3 shows administrative and managerial functions of the institute.

It is as follows.

- Principal
- Head of Department, Faculty and supporting staff.
- Office superintendent and supporting staff.

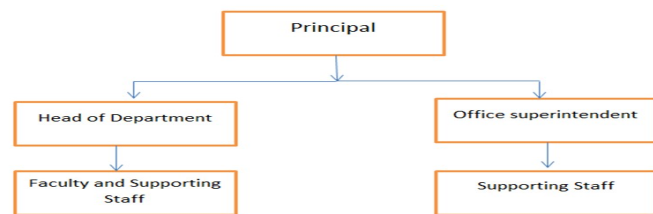
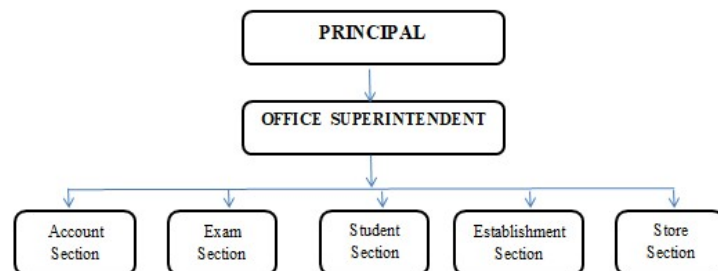


Figure 9.1.3 flow chart of delegated power structure of the Institute

ADMINISTRATIVE DEPARTMENT ORGANIZATION CHART



Sr.No.	Name of Staff	Designation
1	Mr. Chougule Nayankumar Babanrao	Office Superintendent
2	Mr. Bhangе Hanumant Shankar	Accountant
3	Mr. Chavan Santosh Joti	Sr. Clerk
4	Mr. Chavan Abasaheb Sitaram	Sr. Clerk
5	Mr. Chavan Sunil Mahadeo	Sr. Clerk
6	Mr. Kolekar Bandu Vitthal	Jr. Clerk
7	Mr. Deshmukh Shivam Dhondiba	Jr. Clerk

A. List the names of the faculty members who have been delegated powers for taking administrative decisions (02)

In every academic year the various activities are assigned to faculties. The list of such portfolio distribution is shown below. Also department level committees are formed for the smooth and efficient management of activities at department level. All the departmental committees are constituted by the HOD in consultation with faculty.

Table No. 9.1.1 Faculties delegated with administrative powers

S.N.	Name of Faculty member	Decision Authority
1	Mr Dhainje Prakash Bhagwan	Principal
2	Mr Lawand Sagar Shashikant	Head of Mechanical Department
3	Mr Dirange Maheshkumar Haribhau	Head of E&TC Department
4	Mr Zanje Nana Vitthal	Head of Civil Department
5	Ms Salunke Supriya Arjun	Head of Electrical Department
6	Ms Raut Sonali Popat	Head of Computer Technology
7	Mr. Chougule Nayankumar Babanrao	Office superintend
8	Mr Bhangе Hanumant Shankar	Accountant

Table 9.1.2 Various portfolios in charges have been delegated powers for taking administrative decisions

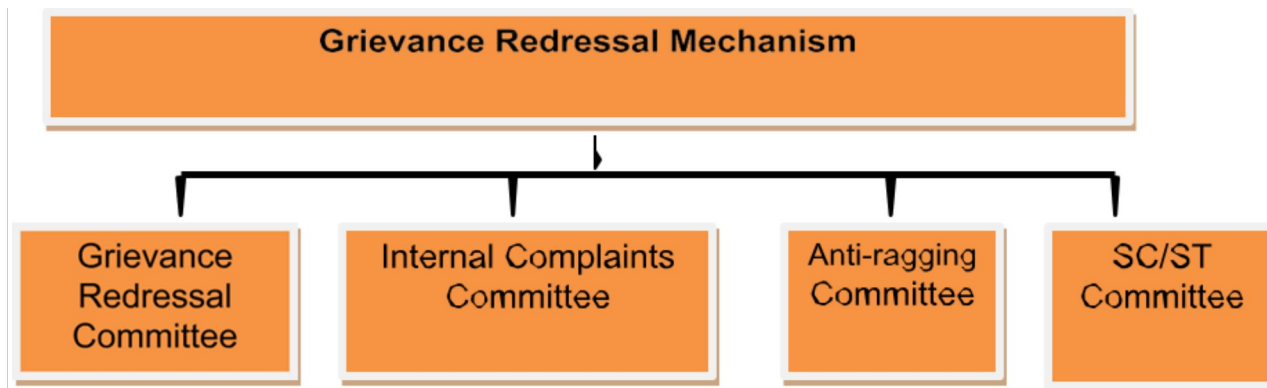
S.N.	Name of Committee	Members and Designation	Functions and Responsibilities
1	First year admission process	Mr. Tamboli S.I.	First year admission process (FC, ARC, institute level admission)
2	Direct second year admission process	Mr. Chougule S.G.	Direct second year admission process (FC, ARC, institute level admission, change of branch & year)
3	Sports/Gymkhana	Mr. Lokhande P. H.	Arranging sports, annual social gathering, extracurricular activities, and similar activities in the interest of the students, etc. related entire work.
4	CCTV	Mr. Karche N.B.	CCTV in the institute complex under the control of Head of Department, Computer and all related works.

5	Computer Maintenance Repair, internet	Mr. Pol U. B.	Maintenance of computers, providing internet facility
6	Website	Mr. Hiremath A.	Maintaining college website regularly
7	Scholarship (MAHADBT)	Mr. Kolekar B. V.	Online checking of the applications of the students on MAHADBT portal under various scholarships (RO login / Institute Login), etc.
8	AICTE/DTE/MSBTE	Mr. Chougule N. B.	AICTE EOA & its compliance, filling / updating information on AICTE portal, etc. related entire work
9	Training & Placement	Mr. Sawant V.V.	Officer Student campus placement, Entrepreneurship development, personality development, etc. related entire work
10	Students Discipline Committee	All HODs	Students Discipline Committee
11	Publicity/ Advertisement	Miss. Bansode T. M.	Giving publicity of events and programs conducted in the college, providing relevant information to media, etc.
12	E-Magazine and News letter	Mr. Gade S.P.	Preparing E-magazine of the institute, all the relevant work, Publication etc.
13	Alumni	Mr. Jagatap A. A.	Registration of alumni association

9.1.3 B [Specify the mechanism and composition of grievance redressal cell including Anti Ragging Committee & Sexual Harassment Committee](#)

Grievance Redressal Mechanism

Grievance redressal is systematically carried out through Grievance Redressal Committee, Internal Complaints Committee, Anti-ragging Committee and SC/ST Committee



B. Specify the mechanism and composition of grievance redressal cell including Anti Ragging Committee & Sexual Harassment Committee (03)

Grievance and Redressal Committee is constituted in the college to resolve the grievances. All the grievances addressed by the stakeholders are examined by the Grievance Redressal Committee and appropriate solutions are suggested. Three different committees are constituted for staff, students and women are as follows:-

I. Women Grievance Redressal cell & Internal Complaint committee

II. Anti ragging Committee

III. Anti-Harassment and Anti Ragging Squad

IV. Internal Institute Monitoring Committee

V. Grievance Cell for students and Mentoring

VI. Grievance Redressal Committee for faculty & Staff

VII. Scheduled Cast/Scheduled Tribe cell

I. WOMEN GRIEVANCE REDRESSAL CELL :-

1. Objectives

- Maintain the dignity of the institute by ensuring trouble free atmosphere by promoting healthy environment between students, faculties and student-teacher relationship.
- To conduct opinion surveys in the form of regular classroom feedbacks to
- To provide an easily accessible mechanism for settlement of grievances of the students and staff.
- To investigate the cause of grievances.

Functions

- To look into the complaints lodged by any student, staff through online/offline mode and judge its merit.
- The Grievance committee is also empowered to look into matters of harassment.
- The cases will be attended promptly on receipt of written grievances from the students, staff.
- The Grievance committee ensures that the grievance has been properly resolved in a specified time limit.
- Counselling and advising staff and students about behaviours and attitudes.

TABLE NO 9.1.3.1 WOMEN GRIEVANCE REDRESSAL COMMITTEE

Sr. No.	Name	Designation
1	Miss. Bansode Tejasvini Mahadev	Chairman
2	Miss. Budhner Pooja Kumar	Member Secretary
3	Miss. Tilekar Komal Vasant	Member

4	Miss. Gadhave Ashabai Shivaji	Member
5	Miss. Korabu Shahin Innus	Member
6	Mrs. Patil Sanjivani Subhash	Member
7	Mr. Kolekar Bandu Vitthal	Member

Internal Complaints Committee:

The committee is constituted in accordance with the guidelines issued y the Government of India to consider complaints related to women's sexual discrimination in the institute.

Functions

- f. To provide a platform for listening to complaints and redressal of grievances from girl students and women staff.
- g. To advise and guide the girls students and also educate them about women empowerment.
- h. To give the knowledge of women legal rights to female students and staffmembers.
- i. To resolve issues relating to women's harassment as per AICTE guidelines.
- j. To organize awareness programs, motivational talks including visits to the public/ government run women guidance cells.
- k. To provide a women-friendly learning/working environment without any gender bias.

Table No 9.1.3.2 Internal Complaints Committee:

Sr.No.	Name of members	Designation	Officials
1	Ms. Salunke Supriya Arjun	HOD	Presiding Officer
2	Mrs.Lawand Supriya Arjun	Lecturer	Member Secretary
3	Ms.Thengal Kirti Anil	Lecturer	Faculty Member 2
4	Mrs.Jadhav Vaishali Digvijay	Lecturer	Faculty Member 3
5	Mr. Chougule Nayankumar Babanrao	O.S	Member
6	Ms.Pandhare Sayali Sajjan	Student1	Student1
7	Ms.Patil Kadambari Sunil	Student 2	Student 2
8	Ms.Kore Durga Nagnath	Student 3	Student 3

9	Mrs. Thavare Sonali Natha	Social Worker	External Member
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Table No.9.1.3.3 shows minutes of meetings of Women Grievance Redressal cell for last 3 years.

Sr. No.	Date of meeting	Main points discussed	Action taken
1.	29/08/2023	Awareness regarding women safety and dignity	No any Such issues& arranged awareness program
		Vital issues between Girls & Boys	
		Awareness & utilization of vending machine	
		Planning of awareness programs	
2.	07/02/2024	Status of grievances	No grievances were received & No any Such issues
		Cleanliness of ladies' common room	
		Review of WGRC functioning and grievance records	
		Discussion about Women's Day	
3.	08/08/2024	Review of Complaints Received	No grievances were received & All washrooms are clean
		vital issues between girls & boys	
		cleanliness of ladies' washroom	
4.	27/12/2024	Awareness regarding women safety and dignity	Awareness program Arranged on "Awareness on women safety & grievance redressal" on date 02/01/2025 to 04/01/2025
		Planning of awareness programs.	
		Cleanliness of ladies' common room	
		Review of Complaints Received	No grievances were received & Awareness

5.	10/07/2025	Discussion about safety of girl's students	program Arranged on "Womens Financial Empowerment" on date 18/07/2025
		Planning of awareness programs.	
6.	10/09/2025	Review of Complaints Received	No any Such issues
		vital issues between girls & boys	
		Awareness & utilization of vending machine	
		Discussion about safety of girl's students	
7.	05/03/2026	Status of grievances	No grievances were received & Women's day Celebrated by arranging Awareness program
		Discussion about Women's Day	
		Planning of awareness programs.	
8.	09/04/2026	Status of grievances	No grievances were received & No any Such issues
		cleanliness of ladies' washroom	
		Discussion about safety of girl's students	

Table No 9.1.3.4 shows minutes of meetings of Internal Complaint committee for last 3 years

Sr. No.	Date of meeting	Main points discussed	Action taken
1	29/08/2023	Review of Complaints Received	Noted that the campus environment remains disciplined and Awareness Program arranged
		Vital issues between girls & boys	
		Discussion about safety of girl's students	
		Discussion on organizing Awareness Program	

2.	7/02/2024	The minutes of the previous meeting were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Give information about Complaint Procedure and Disciplinary action	Information given about Complaint Procedure and Disciplinary action.
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
3	8/8/2024	The minutes of the meeting held on 07-02-2024 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Verify the installation of complaint drop boxes in accessible areas and Followed up on the Safe Campus posters discussed previously	complaint drop boxes is provided in accessible areas. And Posters have been installed in all common areas
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host a Lecture on Awareness on women's safety in Jan 2025
		The minutes of the meeting held on 8-08-2024 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Check for the physical display of the committee members names and contact details.	Displayed the committee members names and contact details.
		The committee reviewed the complaint	It was noted that the campus

4	27/12/2024	box. No formal written complaints were received during this quarter	environment remains disciplined.
		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host a Lecture on women's safety on Jan 2025.
5	26/3/2025	The minutes of the meeting held on 27-12-2024 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Give information about Complaint Procedure and Disciplinary action	Information given about Complaint Procedure and Disciplinary action.
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
6	16/10/2025	The minutes of the meeting held on 26-03-2025 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Discussed the status of the "Safe Campus" posters discussed in the last meeting	Posters have been installed in all common areas
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host a workshop women's right and safety in Mar 2026.
		The minutes of the meeting held on 16-10-2025 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.

7	5/3/2026	Discussed the status of the "Safe Campus" posters discussed in the last meeting	Posters have been installed in all common areas
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host an Awareness program women's right and safety on Mar 2026.

II.ANTI- RAGGING COMMITTEE:

cell Functions

Define the mechanism to resolve the student's problem

- Preparing the schedule of meetings at the beginning of the semester and regular observations.
- Conduct workshops about ragging hazard and orient the students.
- Display of ragging prohibition notices on all department notice boards.
- Selection of the staff representatives from each department to take rounds.
- To take all necessary measures for prevention of ragging inside the campus Hostels.

TABLE NO 9.1.3.5 ANTI- RAGGING COMMITTEE

Sr.No.	Name	Designation
1	Mr. Dhainje Prakash Bhagwan	Principal
2	Police sub Inspector (Akluj Police Station)	Police Administration Representative
3	Mr. Babar Vinod Vishnu	Media Representative
4	Mr. Tamboli Shabbir Ismail	Academic Coordinator
5	Mrs. Jadhav Vaishali Digvijay	Faculty Member
6	Mr. Gade Suhas Popat	Faculty Member
7	Mr.Kale Mahadev Dnyandeo	Faculty Member

8	Mr. Magar Navnath Kantilal	Faculty Member
9	Mr. Kapane Jotiram Ravsaheb	Faculty Member
10	Mr. Chougule Nayankumar Babanrao	Non-Teaching Member
11	Mr.Shinde Dinesh Dhondiba	Parents Representative
12	Miss.Patil Dnyaneshwari Santosh (FY CM)	Student Representative
13	Mr. Khot Ganesh Kuber (TY EE)	Student Representative
14	Mrs. Patil Sanjivani Subhash	NGO

Table 9.1.3.6 shows minutes of meetings of Anti ragging Committee and Anti Ragging Squad for last 3 years

Sr. No.	Date of meeting	Main points discussed
1	03/07/2025	1. Orientation programme for first-year students on anti-ragging regulations and institutional policy. 2. Collection and verification of Anti-Ragging Undertakings from students and parents. 3. Formation of Anti-Ragging Squad and monitoring schedule for the campus.
2	11/03/2026	1. Review of anti-ragging activities conducted during the academic year and campus monitoring reports. 2. Discussion on ragging complaints received (Nil complaints) and action taken (if any). 3. Recommendations for strengthening anti-ragging awareness and preventive measures for the next academic year.
3	21/08/2024	1. Review of Anti-Ragging Committee responsibilities and action plan. 2. Awareness programme for newly admitted students and parents. 3. Display of anti-ragging posters, helpline numbers, and complaint mechanism across the campus.
	25/03/2025	1. Review of Anti-Ragging Squad inspection reports and student feedback. 2. Discussion on complaints received (Nil complaints) and preventive measures. 3. Planning of awareness programmes for the next academic session.

4		
5	22/08/2023	1. Orientation programme for first-year students regarding anti-ragging policies. 2. Identification of sensitive areas and deployment of Anti-Ragging Squad members. 3.To discuss preventive measures to curb ragging .
6	26/03/2024	1. Review of committee activities and squad monitoring reports. 2. Confirmation that no ragging incidents were reported during the semester. 3. Suggestions for strengthening awareness and mentoring activities.

III.Anti Ragging Squad Committee and Anti-Harassment:-

A. Table No 9.1.3.7 Anti Ragging Squad Committee

Sr. No.	Name of members	Designation	Officials
1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Mr.Tamboli Shabbir Ismail	lecturer,Academic Co-ordinator	Member
3	Ms.Bansode Tejasvini Mahadev	Lecturer	Member
4	Mrs. Lawand Supriya Arjun	Lecturer	Member
5	Mr. Khandare Vikrant Shashikant	Lecturer	Member

Function:

- To create self confidence and congenial environment among the newly admitted students by conducting frequent interactive sessions to clear the doubts related to academic matters, social interaction and compatibility. The anti ragging committee provides a ragging free campus for newly admitted students to have a pleasant and fruitful academic stay in this college.
- Faculty is deputed at various locations inside the college campus to monitor the student activities. Faculty sees that no student groups are formed and if observed, the group is dispersed to avoid any nuisance. The punishment for ragging is displayed at various places to make the students aware of seriousness of the administration for preventing ragging.
- To conduct an enquiry and identify the culprits on receipt of complaint. Based on the first hand information and prime-facie evidence, the committee submits its report to the Principal for necessary disciplinary action. Severe punishment will be imposed on the accused, if proven

B. Anti-Harassment:-**Table No 9.1.3.8 Members of Anti-Harassment Committee:-**

Sr. No.	Name of members	Designation	Officials
1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Ms.Adat Sandhya Maloji	Lecturer	Member Secretary
3	Ms.Raut S.P.	HOD(CM)	Member
4	Ms.Salunkhe Supriya Arjun	HOD(EE)	Member
5	Mr.Salunkhe Kiran Hanumant	Lecturer	Member
6.	Mr.karche Niranjan	Lab Assistant	Member
7.	Ms.Shendage Komal Maruti(TY CM)	Student Reprtentative	Member
8.	Mr.Shinde Prashantrao Baban(TY ME)	Student Reprtentative	Member
9.	Ms.Patil Sanjivani Subhash	NGO	Member

Function & Responsibility: It shall be the duty of the Anti-Harassment Committee t to ensure a safe, secure, respectful, and harassment-free environment for all students, faculty, staff, and visitors within the institution and to create awareness among students and employees about anti-harassment policies, gender sensitization, and ethical conduct through orientation programmes, workshops, seminars, and awareness campaigns & resolve the issues regarding harassment in institute and make surprise raids at various places in the institute for observing healthy environment in the institute

Table 9.1.3.9 shows minutes of meetings of Anti-Harassment Commitee

Sr. No.	Date of meeting	Main points discussed
1	07/07/2025	1. Review and confirmation of Anti-Harassment Committee constitution for AY 2025-26. 2. Orientation programme for students on prevention of harassment, cyber harassment, and respectful behaviour. 3. Review of complaint reporting procedure and confidentiality guidelines.

2	14/03/2026	1. Review of committee activities and effectiveness of awareness programmes. 2. Discussion on complaints received during the academic year (Nil complaints) and preventive measures adopted. 3. Recommendations for strengthening the Anti-Harassment Policy and action plan for the next academic year.
3	26/08/2024	1. Orientation programme for newly admitted students regarding Anti-Harassment Policy and institutional ethics. 2. Review of preventive measures to ensure a safe, inclusive, and respectful campus. 3. Discussion on counselling support and grievance redressal mechanism.
4	28/03/2025	1. Review of awareness programmes and counselling sessions conducted during the academic year. 2. Discussion on complaints received (Nil complaints) and actions taken. 3. Recommendations to improve safety, discipline, and student well-being.
5	25/08/2023	1. Review of Anti-Harassment Committee activities and responsibilities for AY 2023–24. 2. Awareness programme on gender sensitivity, mutual respect, and prevention of harassment. 3. Discussion on confidential complaint mechanism and student support system.
6	28/03/2024	1. Review of committee activities and monitoring reports. 2. Confirmation that no harassment complaints were received during the semester (Nil complaints). 3. Planning awareness programmes for the next academic year.

IV. Internal Institute Monitoring Committee:

Table 9.1.10 Members of Internal Institute Monitoring Committee

Sr. No.	Name of members	Designation	Officials
1	Prof. Dhainje P.B	Principal	Chairman
2	Mr.Tamboli S.I	Lecturer , Academic Coordinator	Member Secretary
3	Mr.Dhirange.M.H	HOD, E&TC	Member

4	Mr.Lawand S.A	HOD, Mechanical	Member
5	Ms.Salunke S.A	HOD, Electrical	Member
6	Mr.ZanjeN.V	HOD, Civil	Member
7	Ms.Raut S.P	HOD, Computer	Member

Function & Responsibilities:-

- Study curriculum development Process Prepare curriculum implementation plan at Institute level.
- Identify the resource gap at Institute level and develop plan to make up the deficiencies.
- Plan for academic calendar of the institute taking into consideration the calendar from MSBTE.
- Guide the departments regarding philosophy of curriculum design and its implementation.
- Ensure uniform implementation of MSBTE norms for student assessment.
- Analyze the report of internal and external monitoring committees and take remedial actions.
- Maintain the records of all activities in prescribed proforma.

Table 9.1.11 shows minutes of meetings of Internal Institute Monitoring Committee for last 3 years.

Sr. No.	Date of meeting	Main points discussed
1	10/06/2025	Planning of Internal Academic Monitoring
	6/10/2025	Planning of Internal Academic Monitoring
	24/12/2025	Planning of Internal Academic Monitoring
	02/03/2026	Planning of Internal Academic Monitoring
2	13/06/2024	Planning of Internal Academic Monitoring
	21/10/2024	Planning of Internal Academic Monitoring
	30/12/2024	Planning of Internal Academic Monitoring
	10/03/2025	Planning of Internal Academic Monitoring

3	12/06/2023	Planning of Internal Academic Monitoring
	10/10/2023	Planning of Internal Academic Monitoring
	28/12/2023	Planning of Internal Academic Monitoring
	15/03/2024	Planning of Internal Academic Monitoring

V.Grievance Cell for students and Mentoring:**Table No 9.1.3.12 Members of the Student Grievance Redressal Committee**

Sr.No	Name of Members	Designation	Officials
1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Mrs.Jadhav Vaishali Digvijay	Lecture	Member Secretary
3	Mr.Dhavare Somnath Kantilal	Lecture	Senior Member
4	Mr.Devkate Ramchandra Ankush	Lecture	Senior Member Other Than SC/ST
5	Mr.Mane Yash Pravin	Student	Student Representative Male
6	Miss.Pandhare Sayali Sajjan	Student	Student Representative Female
7	Mr.Chougule Nayan Babanrao	Clerk	Office Superitendent

Functions of the Committee

1. To receive, examine, and resolve students grievances in a fair and timely manner.
2. To conduct periodic meetings to review grievance cases and maintain records of grievances.
3. To investigate grievances objectively and recommend appropriate corrective actions.
4. To promote a student-friendly environment by addressing students concerns and suggestions.
5. To ensure transparency and accountability in the grievance redressal process.

Table 9.1.3.13 shows minutes of meetings of Mentoring and Grievance Cell for students for last 3 years.

Sr. No.	Date of Meeting	Main Points Discussed
1	09/01/2026	Regarding the dustbin in classrooms and in porch area

Sr. No.	Date of Meeting	Main Points Discussed	
	29/07/2025	To start the college bus facility from different villages	
2	20/01/2025	Regarding the improvement in canteen facility	
	04/07/2024	Regarding the cleaning and repairing of water cooler and water filter	
3	07/02/2024	Regarding the time bond redressal of grievances received	
	19/08/2023	Regarding the cleaning and repairing of water cooler and water filter	
4	21/03/2023	Request for dustbins in classroom	
	19/09/2022	Selection of faculties for student grievances redressal committee	

Table No 9.1.3.14 Meeting of Student Counseling Cell

Sr.No.	Date Of Meeting	Main Points Discussed	Action Taken
1	10/12/2022	1. Review of Counseling Activities Conducted 2. Discussion of Student Academic Progress 3. Identifying students requiring special counseling 4. Planning Redial Actions	1. 1) Reviewed the counselling sessions conducted during the review period. 2. 2) Planned remedial classes for academically weak students.
	15/12/2022	1. Review of Counseling Activities Conducted 2. Discussion of Student Academic Progress 3. Planning Redial Actions	Remedial counseling session were conducted
2	04/07/2023	1. Planning Counseling activities for the academic year 2. Allocation of counselor to students 3. Identification of students issues 4. Planning awareness Program	Orientation and Counseling Session Conducted

2	12/12/2023	1. Review of Counseling Activities Conducted 2. Discussion of Student Academic Progress 3. Planning Motivational and support session 4. Feedback and Suggestion	1) Reviewed the counselling sessions conducted during the review period. 2) Planned remedial classes for academically weak students.
3	18/12/2023	1. Review Counseling Records 2. Student Performance Discussion 3. Planning Motivational session 4.	Motivational Session Were Organized
4	04/07/2024	1. Planning Counseling activities for the academic year 2. Allocation of counselor to students 3. Identification of students issues 4. Planning awareness Program	Prepared the annual counselling activity plan covering academic, personal, career, and psychological counselling.
5	09/07/2024	1. Counseling Activity Planning 2. Student Allocation 3. Awareness Program Planning	Counseling & Awareness Programs Conducted
6	10/12/2024	1. Review Counseling Records 2. Discussion on Student Mental Health Support 3. Planning Improvement Measures 4. Documentation Review	Discussed the mental health concerns observed among students and the support provided through counselling.
7	16/12/2024	1. Review Counseling Effectiveness 2. Mental Health Support Discussion	Support Session Conducted
8	03/07/2025	1. Planning Counseling activities for the academic year 2. Allocation of counselor to students 3. Student Support Planning 4. Awareness Program Planning	· Planned awareness programs on mental health, stress management, time management, communication skills, career guidance, cyber safety, and anti-ragging. · Scheduled expert lectures, workshops, and interactive sessions during the academic year.
9	08/07/2025	1. Counseling Plan Preparation 2. Assign Counselor Responsibilities	Counseling Session Conducted

VII.SC/ST committee:

SC/ST committee is formed in order to resolve all the affairs, issues and problems relates to SC/ST students and employees of the institute.

The Committee primarily deals with the following:

- f. Nomination of SC/ST faculties and students at the college level.
- g. Resolve the grievances of staff and students of SC/ST community.
- h. Disseminate the information about different welfare schemes to SC/ST students.

Table No 9.1.3.15 SC/ST Committee

Sr.No.	Name	Designation
1	Mr. Danane Pradip Arjun	Chairman
2	Mr. Khandare Vikrant Shashikant	Member
3	Mr. Sathe Kiran Hanumant	Member
4	Miss. More Divyani Subhash	Member
5	Mr. Lokhande Laxman Uddhav	Member
6	Mr. Davare Somnath Kantilal	Member

Table 9.1.26 shows minutes of meetings of Scheduled Cast/Scheduled Tribe cell for last 3 years.

Sr. No.	Date of meeting	Main points discussed
1	21/07/2025	1. The committee reviewed the academic status of final-year SC/ST students, including backlog subjects, attendance, and overall performance. It was observed that most students are on track for completion, while some require additional support. 2. The placement readiness of students was discussed. Areas such as aptitude skills, technical knowledge, communication skills, and interview preparation were evaluated. 3. The need for enhanced mentoring support for final-year students was emphasized to ensure successful completion of their academic requirements and smooth transition into careers. 4. The committee discussed higher studies and career guidance, including opportunities for postgraduate studies, competitive examinations, and various career paths.

	31/10/2025	1. The committee reviewed examination-related grievances raised by SC/ST students, including issues related to evaluation, rechecking, and examination schedules. Most cases were resolved, while a few were forwarded to the examination cell. 2. The status of scholarship renewals was discussed. It was observed that most eligible students have applied for renewal, while some applications are pending due to documentation issues. 3. The attendance and internal assessment performance of students were analyzed. A few students were identified with low attendance and poor internal marks, requiring immediate attention. 4. The committee discussed the planning of welfare activities for the upcoming academic cycle, including awareness programs, counselling sessions, and academic support initiatives.
	10/03/2026	1. A comprehensive review (2022–2026) of SC/ST students' academic performance and welfare initiatives was carried out. Continuous improvement was observed due to structured mentoring, remedial teaching, and counselling support. 2. The committee discussed recommendations for the next academic cycle, focusing on: a. Strengthening academic tracking systems b. Enhancing placement readiness c. Increasing participation in co-curricular activities 3. The best practices adopted over the years were reviewed, such as: a. Faculty mentoring system b. Regular remedial classes c. Scholarship awareness and facilitation d. Periodic academic monitoring 4. A proposed action plan was developed for the next term, including: a. Advanced mentoring framework b. More career guidance sessions c. Structured monitoring and reporting system
2	09/09/2024	1. The committee reviewed the backlog cases of SC/ST students across departments. It was observed that some students have pending subjects and require focused academic support. 2. The attendance status of students was analyzed. A few students were identified with low attendance, and the need for strict monitoring was emphasized. 3. Based on academic performance and attendance, slow learners were identified. Faculty members suggested providing additional support through remedial teaching and mentoring. 4. An academic counselling plan was discussed, which includes regular counselling sessions, progress tracking, and personalized academic guidance for students facing difficulties.
	06/12/2024	1. The committee reviewed the scholarship disbursement status of SC/ST students. It was observed that most students have received their scholarships, while a few cases are pending due to administrative or documentation issues. 2. The importance of psychological and motivational support was discussed. It was suggested to organize counselling sessions, motivational talks, and mentorship interactions to improve student confidence and well-being. 3. The committee analyzed student feedback regarding academic support, infrastructure, and mentoring. Feedback indicated satisfaction in some areas while highlighting the need for improvement in guidance and facilities.

		4. The grievance redressal cases were reviewed. Most issues were resolved, and the remaining cases are under process. The committee emphasized timely resolution of all grievances.
	03/02/2025	1. The committee reviewed the participation of SC/ST students in co-curricular and extra-curricular activities. It was observed that participation has improved, but further encouragement is required to enhance overall involvement. 2. The year-end academic performance of students was analyzed. Most students showed satisfactory progress, while a few still require academic support to clear backlogs. 3. The committee discussed planning of placement support activities, including aptitude training, mock interviews, resume preparation, and interaction with industry experts. 4. The mentor feedback was reviewed. Mentors reported positive improvements in student confidence, academic performance, and regularity, though continued guidance is necessary.
3	12/08/2023	1. The committee reviewed the list of newly admitted SC/ST students and verified their enrollment details across departments. 2. It was observed that some students require bridge courses in subjects like Mathematics, Physics, and basic engineering concepts to cope with the curriculum. 3. Faculty mentors were allocated to SC/ST students to provide academic guidance and personal support. Each mentor was assigned a group of students. 4. Awareness was provided regarding the institutional grievance redressal mechanism, including how students can raise academic or personal issues and seek timely support.
	27/10/2023	1. The committee reviewed the mid-semester academic performance of SC/ST students based on internal assessments. It was observed that most students showed satisfactory progress, while some required additional academic support. 2. Students raised concerns regarding hostel and infrastructure facilities, including cleanliness, study environment, and availability of resources. These issues were noted for further action. 3. The participation of students in academic and co-curricular activities was discussed. It was observed that participation needs improvement, and students should be encouraged to engage more actively.
	12/02/2024	1. The committee discussed organizing career guidance and placement support programs, including resume building, interview preparation, and campus recruitment training. 2. A review of annual welfare activities conducted for SC/ST students was presented, including scholarships, remedial classes, and mentoring initiatives. 3. The need for competitive examination preparation support was emphasized, including guidance for exams like GATE, UPSC, MPSC, and other government recruitment exams. 4. The mentoring outcomes were reviewed. It was observed that mentoring has positively impacted student performance, attendance, and confidence levels.
4	28/08/2022	1. The committee reviewed the admission and enrolment data of SC/ST students for the academic year 2022-23. It was observed that admissions are in accordance with reservation policies. 2. The academic performance of first-year students was discussed based on initial assessments. Some students were identified as slow learners. 3. It was decided to form mentoring groups, where faculty members will guide and monitor the academic progress of assigned students. 4. Students were made aware of institutional support facilities such as: - Remedial classes - Library resources - Scholarships and government schemes - Grievance redressal system

	07/10/2022	1. The committee reviewed the scholarship status of SC/ST students. It was observed that most students have applied, while a few applications were pending due to documentation issues. 2. Various academic grievances were discussed, including difficulties in understanding subjects, lack of study materials, and exam-related concerns. 3. A proper attendance monitoring mechanism was discussed. It was suggested to maintain regular attendance records and identify students with low attendance. 4. The need for parent communication was emphasized for academically weak students to ensure better support and improvement in performance.
	10/11/2022	1. The committee discussed conducting an awareness programme on government welfare schemes, including scholarships, financial aid, and skill development initiatives for SC/ST students. 2. The overall academic progress of students was reviewed. It was observed that many students showed improvement due to mentoring and remedial classes, while some still require additional support. 3. The effectiveness of the mentoring system was evaluated. Regular interaction between mentors and students was found beneficial in improving academic performance and confidence. 4. The committee planned academic support activities for the next academic year, including: a. Additional remedial classes b. Career guidance sessions c. Workshops and seminars

9.1.4 Delegation of financial powers (5)

Institute Marks

5.00

9.1.4. Delegation of financial powers (05)

At the beginning of academic year institute prepares budget and get its approval during Governing Body meeting. • The department budget amount is also sanctioned in the Governing Body meeting. • The departmental budgets are prepared as per curriculum needs.

9.1.5 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks

5.00

9.1.5. Transparency and availability of correct/unambiguous information in public domain (05)

A. Information on the policies, rules, processes is to be made available on web site (2)

- The institute has its own website <https://sietpaniv.org/> Activities held in the institute and department are published on this website regularly.
- The academic calendars of MSBTE, institute and department are published well in advance. • Time tables, project schedule, assessment and evaluation plans are made available well in advance on the notice boards.

B. Dissemination of the information about student, faculty and staff (3)

The institute website is continuously updated for disseminating all the information about policies, students, faculty and relevant information. Institute website is <https://sietpaniv.org/>

Sr No	Name of document	URL of document on website
1	Vision, mission, goals and core values of the institute	https://sietpaniv.org/vision-and-mission/
2	Admissions	https://sietpaniv.org/admission
3	AICTE Approval Letters	https://sietpaniv.org/ea/
Faculty Profile		
4	Department of Civil Engineering	https://sietpaniv.org/faculty-profile-civil/
5	Department of Computer Technology	https://sietpaniv.org/faculty-profile-computer/
6	Department of Electronics and Telecommunication	https://sietpaniv.org/faculty-profile-etc/
7	Department of Electrical Engineering	https://sietpaniv.org/faculty-profile-electrical/
8	Department of Mechanical Engineering	https://sietpaniv.org/faculty-profile-mechanical/

9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (10)

Total Marks 10.00

Summary of current financial year's budget and actual expenditure incurred(for the institution exclusively)in the three previous financial years

Table 1 - CFYm1 2024-25

Total Income 55088182				Actual expenditure(till...): 46654955			Total No. Of Students 913
Fee	Govt.	Grants	Other sources(specify) consultancy,inter	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
54899502	0	0	188680	43748541	2906414	0	51100.72

Table 2 - CFYm2 2023-24

Total Income 46038201				Actual expenditure(till...): 43049114			Total No. Of Students 956
Fee	Govt.	Grants	Other sources(specify) consultancy,inter	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
45780095	0	0	258106	41819967	1229147	0	45030.45

Table 3 - CFYm3 2022-23

Total Income 475384				Actual expenditure(till...): 29183589			Total No. Of Students 942
Fee	Govt.	Grants	Other sources(specify) consultancy,inter	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
298822	0	0	176562	28059963	1123626	0	30980.46

9.2.1 Adequacy of Budget Allocation (4)

Institute Marks

4.00

9.2.1 Adequacy of budget allocation

At the start of each academic year, the Heads of Departments (HoD) meet to plan that year's budget. After the meeting, HoD prepare detailed budget proposals covering equipment, consumables, lab needs, curriculum changes, and planned departmental activities. All department proposals are combined and sent to management for approval. Management reviews them and gives funds based on priority. So far, management has always provided enough budget to meet the institute's needs

9.2.2 Utilization of allocated funds (4)

Institute Marks

4.00

9.2.2 Utilization of allocated funds

After the approved budget is received, each HoD holds a meeting to plan the step-by-step procedure for procuring equipment and consumables. Lab in-charge faculty and course coordinators are nominated to handle the purchases; they request quotations from vendors, prepare a comparative statement, and submit it to the Purchase Committee for management approval. Once approved, orders are placed and the HoD periodically monitors the process to ensure items are received and the allocated funds are fully utilized.

9.2.3 Availability of the audited statements on the institute’s website (2)

Institute Marks

2.00

9.2.3 Availability of the audited statements on the institute website

Audited statements of financial years 2023-24, 2024-25, 2025-26 are available on institute website.

<https://sietpaniv.org/mandatory-disclosure/>

9.3 Department Specific Budget Allocation, Utilization (5)

Total Marks 5.00

Table 1 :: CFY 2025-26

Total Budget 3237000		Actual expenditure (till...): 2733469	
Non Recurring	Recurring	Non Recurring	Recurring
3150000	87000	2655318	78151

Table 2 :: CFYm1 2024-25

Total Budget 368500		Actual expenditure (till...): 341583	
Non Recurring	Recurring	Non Recurring	Recurring
300000	68500	280095	61488

Table 3 :: CFYm2 2023-24

Total Budget 47800		Actual expenditure (till...): 40353	
Non Recurring	Recurring	Non Recurring	Recurring
20000	27800	17669	22684

Table 4 :: CFYm3 2022-23

Total Budget 903400		Actual expenditure (till...): 837320	
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Non Recurring	Recurring	Non Recurring	Recurring
880000	23400	815551	21769

9.3.1 Adequacy of Budget Allocation (2)

Institute Marks

2.00

9.3.1 Adequacy of budget allocation

At the start of the financial year, the department prepares its annual budget based on its needs. Before the commencement of the financial year, details of the purchase requirements, both recurring and non-recurring, are collected from the laboratory in-charge of the department. The budget proposal is finalized by the Head of the Department by considering the annual intake of students, university curriculum, industry requirements, and laboratory and infrastructure development. The requirement budget for equipment, computers, software, consumables, maintenance, furniture, and other items is finalized. Apart from this, budget proposals are also prepared for co-curricular, extra-curricular, and extension activities for the overall development of students. The Head of the Department submits the budget proposal to the Principal, and the same is placed in the College Development Committee and Governing Body meetings. After discussion and necessary corrections or modifications, the College Development Committee and Governing Body recommend the budget for approval. The budget is then reviewed by the management and approved after necessary changes. The budget provided by the institute is sufficient to meet the department's requirements, upgrade the laboratory in terms of equipment, consumables, software, computers, maintenance and furniture, and support curricular and extra-curricular activities

9.3.2 Utilization of allocated funds (3)

Institute Marks

3.00

9.3.2 Utilization of allocated funds (3)

The allocated funds are utilized in a proper and systematic manner for the benefit of the department and students. A major portion of the budget is used for the purchase of essential equipment, computers, software, consumables, maintenance materials and furniture required for smooth academic and laboratory work. These items help in upgrading the laboratory facilities and improving the quality of teaching and practical training.

The funds are also used to conduct curricular, co-curricular, extra-curricular, and extension activities for the overall development of students. Such activities help students gain practical knowledge, improve technical skills, and develop confidence, teamwork, and communication abilities. The Head of the Department monitors the expenditure regularly to ensure that the funds are spent properly, the planned purchases are completed on time, and the allocated amount is fully and effectively utilized

9.4 Library and Internet (20)

Total Marks 20.00

(It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated)

9.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks

10.00

Learning resources including e-resources are available in the Central library of the institute for study and reference purpose for Students, faculty and staff. All these Learning resources are useful for the access current events of engineering and technology gaining information, knowledge, acquiring skills and to enhanced thinking and analysis capabilities of the learner.

These resources are also useful to improve independent study techniques , developing their life skills and to develop over all personality of the learner. The resources available are from well-Known reputed national and international publishers ,authors,manufactures .

9.4. Library and Internet (20)

Library details

a	Carpet Area of library (in m)	400 sqm
b	Reading Hall Space (in m)	150 sqm
c	Number of Seats in reading hall space	150 Students
d	Number of Users (Issue Book) per day	
	2025-2026	21
	2024-2025	15
	2023-2024	13
	2022-2023	4
e	Number of Users (Reading Hall space) per day	
	2025-2026	110
	2024-2025	60
	2023-2024	35
	2022-2023	22
f	Working days Timings (Monday–Friday)	9.00 am to 5.00 pm
g	Weekend Timings: (Saturday)	9.00 am to 5.00 pm
h	During Holidays /Sundays and Vacations	-
i	Number of Library Staff	02

j	Number of Library Staff with degree in Library Management	02
k	Computerization for search, indexing, issue/return records	Yes
l	Library Services on Internet/Intranet	Yes
m	Bar Coding Used?	Yes
n	INDEST/DELNET and other similar membership?	Delnet Membership
o	K-hub E-Virtual Library	Membership

9.4.1. Quality of learning resources (hard/soft) (10)

A. Availability of relevant learning resources including e-resources and Digital Library (7)

Available learning resources

Number of titles	2412
Number of volumes (hard- / soft -)	14921
Hard	14921

Soft	6176
Reference Books:	11239
CDs	341
International / National Journals	36
NPTEL resources:	Available
Digital Library:	
Availability of digital library content:	10
Availability of an exclusive server:	01
Availability over Intranet/Internet:	Yes
Availability of exclusive space/room:	Yes
Number of users per day:	7
Number of E-books:	1010

Total Number of Books:

Year	Total number of books	Titles	Book bank set issued during the year
2025-2026	14921	2412	350
2024-2025	14909	2400	16
2023-2024	14909	2400	15
2022-2023	14909	2400	10

Total number of Journals and Magazines:

Year	Educational Journals		General Magazines
	National	International	
2025-2026	23	13	6
2024-2025	18	Nil	-
2023-2024	18	Nil	Nil
2022-2023	18	Nil	Nil

Titles and volumes:

Academic Year	Books		Journals / Magazines	
	Total number of Volumes	Total number of Titles	Number of New Editions Added	
2025-2026	14921	2412	12	42
2024-2025	14909	2400	Nil	18
2023-2024	14909	2400	Nil	18
2022-2023	14909	2400	Nil	18

B. Accessibility to students (3)

Institute Library and Faculty Library is made available the following resources for the benefit of the staff and students.

Following resources are also accessible to the students:

- DELNET- Membership
- NPTEL Videos
- NDLI (National Digital library of India)
- AICTE E Books
- Shodhsindhu
- National E-Pustkalay
- K-hub E-Virtual Library

9.4.2 Internet (10)

Institute Marks

10.00

Name of the Internet provider	BSNL And Airtel
Available band width	900 MBPS (BSNL 800 Mbps Airtel 100 Mbps)
WiFi availability	campus are Wi-fi enabled
Internet access in labs, classrooms, library and offices of all Departments	Yes
Security arrangements	Yes

9.5 Institutional Contribution to the Community Development (5)

Total Marks 5.00

Institute Marks

5.00

1.Tree Plantation : Tree plantation drives are undertaken through NSS. Students & Staff members are actively involved in the planting activity take every car to nourish them.





2. Womens Day :



3.Blood Donation : The institute organises blood donation camp on 2oct every year In this camp, students and staff participate enthusiastically.





4. Guidance Regarding Nirbhaya Pathak



5. Health Awareness Programme :



6.Yoga & Meditation :





9.6 Alumni Performance and Connect (10)

Total Marks 10.00

Institute Marks

10.00

9.6 Alumni Performance and Connect



Shriram Shikshan Sanstha's

SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY

(Polytechnic), Paniv



ALUMNI MEET

2026

— *Alumini Cell* —

Cordially Invites You

★ DIPLOMA ENGINEERING ALUMNI MEET

Reconnect • Relive • Rejoice



Date: 16 May 2026



Time: 10:30 AM onwards



Venue:
Computer Department Seminar Hall
Shriram Institute of Engineering & Technology
(Polytechnic), Paniv



Join us for a memorable gathering filled with:



श्रीराम शिक्षण संस्था संचलित
श्रीराम इन्स्टिट्यूट ऑफ
इंजिनिअरिंग अँड टेक्नॉलॉजी
(पॉलिटेक्निक), पानिव



आपणास सप्रेम निमंत्रण

डिप्लोमा इंजिनिअरिंग
माजी विद्यार्थी
मेळावा २०२६

“पुन्हा भेटू • आठवणी जागवू • आनंद साजरा करू”



दिनांक: १६ मे २०२६



वेळ: सकाळी १०:३० पासून



स्थळ: संगणक विभाग सेमिनार हॉल
श्रीराम इन्स्टिट्यूट ऑफ इंजिनिअरिंग
अँड टेक्नॉलॉजी (पॉलिटेक्निक), पानिव

या स्नेहमेळाव्यात आपले मनःपूर्वक स्वागत आहे.
कार्यक्रमामध्ये खालील उपक्रमांचा समावेश असेल:

- ★ माजी विद्यार्थ्यांशी संवाद
- ★ करिअर मार्गदर्शन
- ★ आठवणी व नेटवर्किंग

कार्यक्रम पत्रिका

10:30 AM
ते
11:00 AM



नोंदणी व स्वागत

11:00 AM
ते
11:15 AM



दीपप्रज्वलन व
सरस्वती वंदना

11:15 AM
ते
11:30 AM



प्रास्ताविक व
स्वागत भाषण

11:30 AM
ते
12:15 PM



माजी विद्यार्थ्यांशी
संवाद सत्र

12:15 PM
ते
01:00 PM



करिअर मार्गदर्शन व
अनुभव शेअरिंग

01:00 PM
ते
02:00 PM



सांस्कृतिक
कार्यक्रम





Annexure I
(A) PROGRAM OUTCOME (POs)

- 1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- 2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- 3. **Design/ development of solutions :** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- 4. **Engineering Tools, Experimentation and Testing:**Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- 5. **Engineering practices for society, sustainability and environment:**Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- 6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- 7. **Life-long learning:**Ability to analyse individual needs and engage in updating in the context of technological changes.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

PSO1	Exhibit Logical and Technical skills to building, testing, operation and Maintenance of Electrical system
PSO2	Apply technical solutions to Electrical Engineering problems using suitable Methods for social development
PSO3	Exhibit Interpersonal Skills and Ethical Principles in Professional Field

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institutes shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute

Mr. Dhainje Prakash

Name : Bhagwan

Designation : Principal

Signature :


Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malshiras, Dist. Solapur

Seal of The Institution :



Place : Paniv

Date : 17-07-2026 20:49:54