

Mechanical 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	198.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	100.00
4	STUDENTS' PERFORMANCE	200	84.38
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	94.94
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	827

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

Vision of the institute

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

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

Vision of the Department

To provide quality mechanical engineering education those empowers rural students to excel in their careers

Mission of the Department

Mission No.	Mission Statements
M1	To empower rural students by offering quality mechanical engineering education
M2	To guide students towards academic success and personal development
M3	To shape engineers work ethically and 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 Mechanical engineering related broad-based problems adapting professional ethics.
PEO2	Adapt state-of-the-art Mechanical 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

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**

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 an 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

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

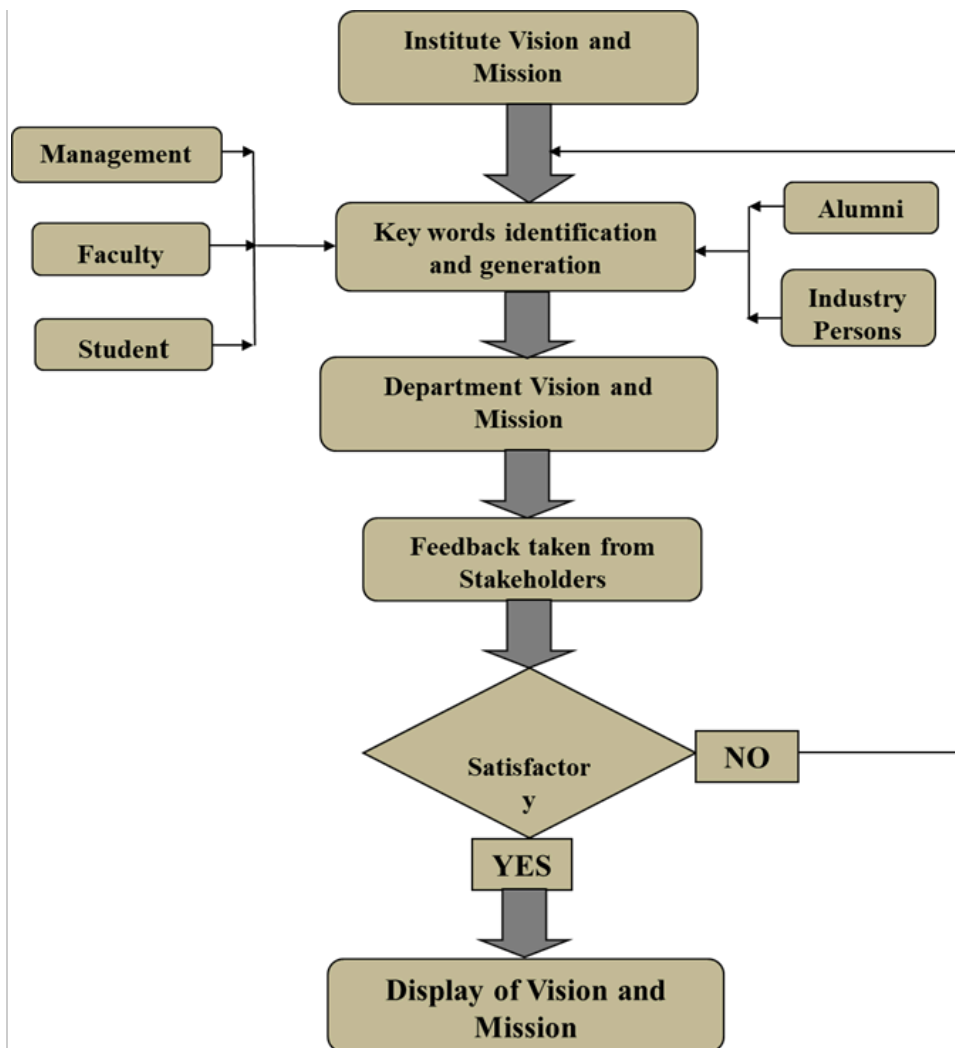
1.4 State the process for defining the Vission and Mission of the Department, and PEOs of the program (15)

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.

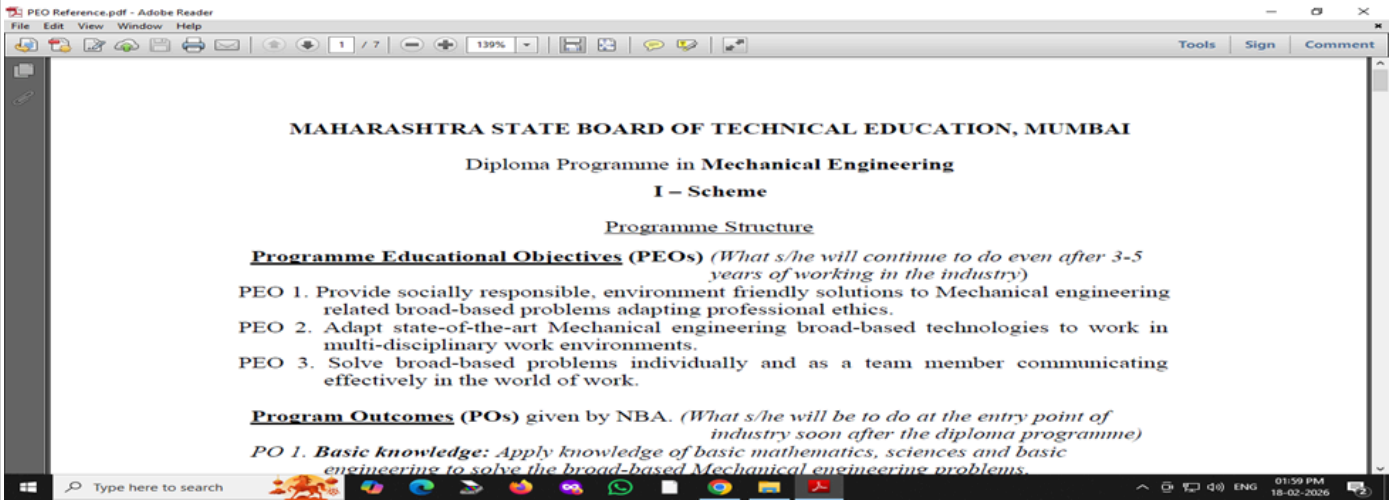
Step 2: Opinions were taken from internal and external stakeholders through format and informal feedback method.

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 from 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.



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 empower rural students by offering quality mechanical engineering education	M2 To guide students towards academic success and personal development	M3 To shape engineers work ethically and be helpful to society
PEO – 1 Provide socially responsible, environment friendly solutions to Mechanical engineering related broad-based problems adapting professional ethics.	3	2	3
PEO – 2 Adapt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environments.	3	3	1
PEO – 3 Solve broad-based problems individually and as a team member communicating effectively in the world of work.	1	2	3

Table1.2 PEO Statements and Mission Statements Matrix

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

PEOs Statement	M1	M2	M3
	To empower rural students by offering quality mechanical engineering education	To guide students towards academic success and personal development	To shape engineers work ethically and be helpful to society
PEO – 1 Provide socially responsible, environment friendly solutions to Mechanical engineering related broad-based problems adapting professional ethics.	3 To provide socially responsible, environmental friendly solution to Mechanical Engineering related problems.	2 As helps students for academic success except social ethics.	3 To offer solutions for Mechanical Engineering challenges that are socially responsible and environmentally friendly.
PEO – 2 Adapt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environments.	3 To adjust advanced Mechanical engineering broad-based technologies to work in integrative environment.	3 To adapt broad based technologies for multidisciplinary work with personal development.	1 Social integrity in work ethics.
PEO – 3 Solve broad-based problems individually and as a team member communicating effectively in the world of work.	1 Offering quality education to students who can solve board based problems individually.	2 To enable students towards academic success and work collaboratively.	3 Students in developing problem solving and communication skills that promote ethical engineering and meaningful contribution to society.

PEO Statements	M1	M2	M3
Provide socially responsible, environment friendly solutions to Mechanical engineering related broad-based problems adapting professional ethics.	3 ▾	2 ▾	3 ▾
Adapt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environments.	3 ▾	3 ▾	1 ▾
Solve broad-based problems individually and as a team member communicating effectively in the world of work.	1 ▾	2 ▾	3 ▾

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (200)**Total Marks 198.00****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 Annexure I. 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

State the process used to identify extent of compliance of the curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) as mentioned in Annexure I. Also mention the identified curricula gaps, if any (25)

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

Shriram Institute of Engineering & Technology (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

(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 where in 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 take

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.

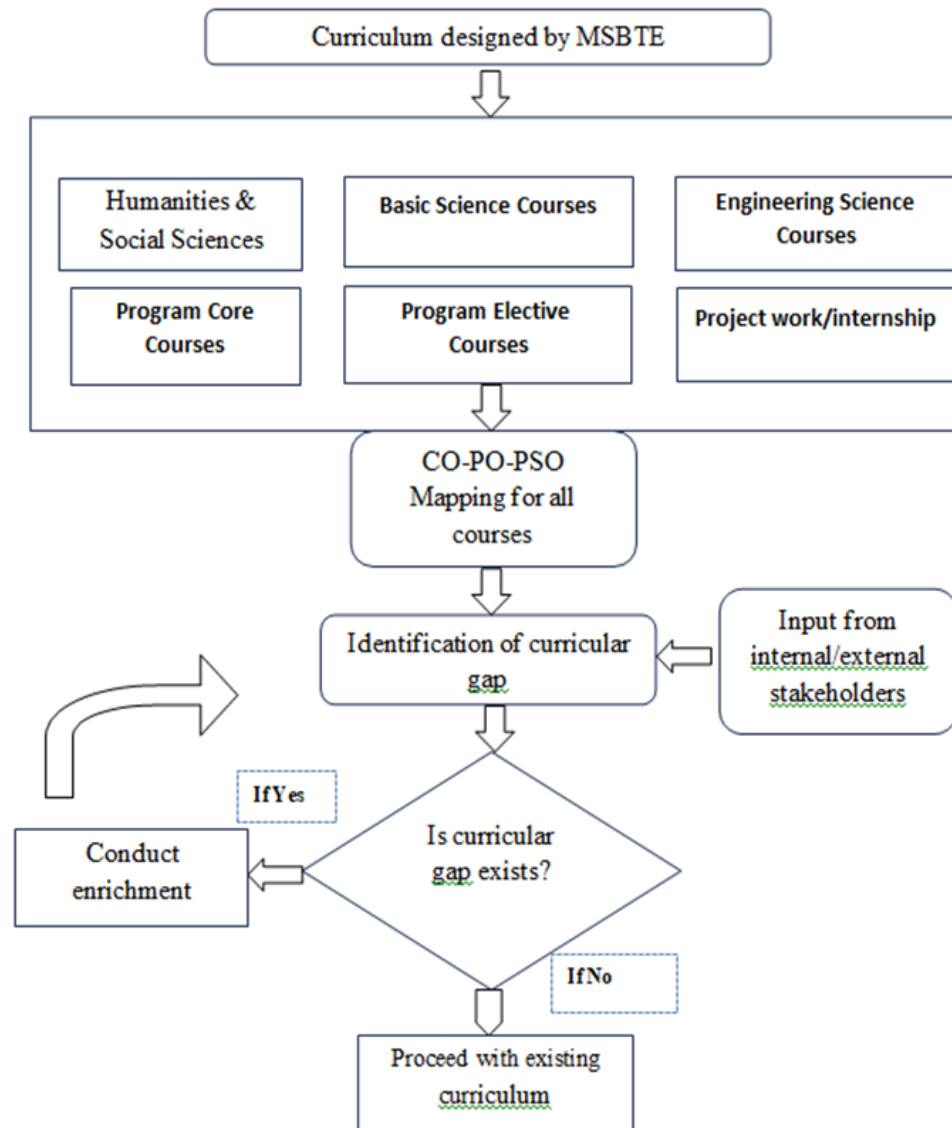


Figure 2.1.1 A: Process identifying extent of compliance of the curriculum for attaining the POs & PSOs

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 Mechanical Engineering

"I" Scheme Sample

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 : C/CR/CS/CH/PS/CM/CO/IF/CW/DE/LE/NE/Q/ET/EX/IE/MU/EE/EP/EU/IS/IC/AE/FG/ME/PG/PT/BC/TX/TC																					
Duration of Course: 6 Semesters With Effect From Academic Year: 2017 - 18																					
Semester : First Duration : 16 Weeks																					
S. N.	Course Title	Abbr. Code	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	ESE	PA	Total				
1	English	ENG	22101	3	--	2	5	3	70	28	30*	90	100	40	25@	10	25	10	50	20	150
2	Basic Science Physics Chemistry	BSC	22102	2	--	2	4	2	70*	28	15*	90	100	40	25@	10	25	10	50	20	200
3	Basic Mathematics	BMS	22103	4	2	--	6	3	70	28	30*	90	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, DE, ET, EX, EN, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	EGM	22002	2	--	4	6	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
	Engineering Graphics (for DE, ET, EX, EN, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	EGE	22003	2	--	4	6	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
7	Workshop Practice (for CE, CR, CS, ME, AE, PG, PT, FG, DE, ET, EX, EN, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	WPM	22004	--	--	4	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
8	Workshop Practice (for CO, CM, CW, IF)	WPC	22005	--	--	4	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
	Workshop Practice (for DE, ET, EX, EN, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	WPE	22006	--	--	4	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
	Workshop Practice (for TX, TC, BC)	WPT	22007	--	--	4	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100
Total				18	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 i.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.

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 Mechanical Engineering Program Code : ME Duration of Program : 6 Semesters Semester : Second																						With Effect From Academic Year: 2017 - 18 Duration : 16 Weeks Scheme - I											
S. N.	Course Title	Course Abbr. vation	Course Code	Teaching Scheme			Credit (L+T+P)	Exam Duration in hrs.	Examination Scheme												Grand Total												
				L	T	P			Theory						Practical																		
									ESE	PA	Total	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	Max. Marks													
1	Applied Science Physics & Chemistry	ASM	22202	2	--	4	8	90 Min	70*	28	15*	90	100	40	25@	10	25	10	50	20	200												
2	Applied Mechanics	AME	22203	3	1	2	6	3	70	28	30*	90	100	40	25@	10	25	10	50	20	150												
3	Applied Mathematics	AMP	22206	4	2	--	6	3	70	28	30*	90	100	40	--	--	--	--	--	--	100												
4	Engineering Drawing	EDR	22207	3	--	4	7	4	70	28	30*	90	100	40	25@	10	25	10	50	20	150												
5	Business Communication Using Computers	BCC	22209	--	--	2	2	--	--	--	--	--	--	--	35@*	14	15-	06	50	20	50												
6	Mechanical Engineering Workshop	MEW	22010	--	--	4	4	--	--	--	--	--	--	--	50@	20	50-	20	100	40	100												
Total				14	3	16	33	--	280	--	120	--	400	--	185	--	165	--	350	--	750												

Student Contact Hours Per Week: 33 Hrs. Medium of Instruction: English
Theory and practical periods of 60 minutes each.
 Total Marks : 750
 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
 ➤ 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 - Updated On 20.12.2017

Maharashtra State Board of Technical Education, Mumbai																					
Teaching And Examination Scheme For Post S.S.C. Diploma Courses																					
Program Name : Diploma in Mechanical Engineering										With Effect From Academic Year: 2017 - 18											
Program Code : ME										Duration : 16 Weeks											
Duration of Program : 6 Semesters										Scheme - I											
Semester : Third																					
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				
1	Strength of Materials	SOM	22306	3	2	2	7	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
2	Basic Electrical and Electronics Engineering	BEE	22310	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Thermal Engineering	TEN	22337	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Mechanical Working Drawing	MWM	22341	3	-	4	7	4	70	28	30*	00	100	40	50@	20	50	20	100	40	200
5	Engineering Metrology	EME	22342	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Mechanical Engineering Materials	MEM	22343	3	-	2	5	3	70**	28	30*	00	100	40	25@	10	25	10	50	20	150
Total				19	2	14	35	-	420	-	180	-	600	-	175	-	175	-	350	-	950
Student Contact Hours Per Week: 35 Hrs.										Medium of Instruction: English											
Theory and practical periods of 60 minutes each.										Total Marks : 950											
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 Mechanical Engineering										With Effect From Academic Year: 2017 - 18											
Program Code : ME										Duration : 16 Weeks											
Duration of Program : 6 Semesters										Scheme - I											
Semester : Fourth																					
S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
								Theory						Practical							
				L	T	P		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	Theory of Machines	TOM	22438	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
2	Mechanical Engineering Measurements	MEM	22443	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Fluid Mechanics and Machinery	FMM	22445	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Manufacturing Processes	MPR	22446	3	-	2	5	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
7	Computer Aided Drafting	CAD	22042	-	-	4	4	-	-	-	-	-	-	25@	10	25@	10	50	20	50	
8	Fundamentals of Mechatronics	FOM	22048	2	-	2	4	-	-	-	-	-	-	25@	10	25@	10	50	20	50	
Total				18	-	14	32	-	350	-	150	-	500	-	150	-	150	-	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 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).																					

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 Mechanical Engineering

Program Code : ME

Duration of Program : 6 Semesters

Semester : Sixth

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			Total							
								Exam Duration in Mins	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Max Marks	Min Marks		Max Marks				
1	Emerging Trends in Industrial Engineering	ETM	22652	3	-	-	3	90 Min	70*	28	30*	00	100	40	--	--	--	100			
2	Industrial Hydraulics and Pneumatics	IHP	22655	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Automotive Engineering	AEN	22656	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Industrial Engineering and Quality Control	IEQ	22657	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
5	Elective (Any One)																				
	Computer Integrated Manufacturing	CIM	22658	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Refrigeration and Air Conditioning	RAC	22660	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Renewable Energy Technology	RET	22661	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Entrepreneurship Development	EDE	22032	2	-	2	4	4	--	--	--	--	--	50#	20	50-	20	100	40	100	
	Capstone Project																				
	Education and Report Writing	CPE	22060	--	--	--	4	4	--	--	--	--	--	50#	20	50-	20	100	40	100	
Total				17	-	14	31	360	--	150	--	500	--	200	--	200	--	400	--	900	--

Student Contact Hours Per Week: 31 Hrs.

Theory and practical periods of 60 minutes each.

Total Marks : 900

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

In-house Instrument, e- External Assessment, *Pa On Line Examination, *Computer Based Assessment

* Under the theory PA, Out of 70 marks, 10 marks are for micro-project assignment to facilitate integration of COs and the remaining 20 marks in the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LRs required for the attainment of the COs.

For the courses having only PA, Practical Examination, the PA marks/ Practical PA marks/ 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 Date: 24.08.2019

15/347

Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : FIRST																							Scheme Print		
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Assessment Scheme												
						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		Total Marks			
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA							
																Max	Min		Max	Min	Max		Min		
(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	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150		
3	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4				10	5	1.5	30	70*	100	40					25	10	250		
		CHEMISTRY				2	-	2	1					25	10	25@	10	25		20					
4	FUNDAMENTALS OF ICT	ICT	SEC	311001	0	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	40	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. 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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Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : SECOND

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												
						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		Total Marks		
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA						
																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	APPLIED PHYSICS	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70**	100	40	25	10	25@	10	-	-	200
		APPLIED CHEMISTRY					2	-	2	0								25	10	25@	10	-	-	
3	ENGINEERING DRAWING	EDG	SEC	312311	4	2	-	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175	
4	ENGINEERING MECHANICS	EGM	DSC	312312	2	3	1	2	2	8	4	3	30	70	100	40	25	10	-	-	25	10	150	
5	MANUFACTURING TECHNOLOGY	MPR	DSC	312313	1	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
6	PROFESSIONAL COMMUNICATION	PCO	SEC	312002	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50	
7	SOCIAL AND LIFE SKILLS	SFS	VEC	312003		-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	50	20	50	
Total					13	15	2	16	7	40	20		150	350	500		150		125		125		900	

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.
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 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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Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : THIRD

Scheme Print

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								Practical								
													FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA						
Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min													
(All Compulsory)																								
1	STRENGTH OF MATERIALS	SOM	DSC	313308	1	4	2		6	3	3	30	70	100	40	25	10	-	-	-	-	125		
2	FLUID MECHANICS AND MACHINERY	FMM	DSC	313309	1	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	
3	THERMAL ENGINEERING	TEG	DSC	313310	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
4	PRODUCTION DRAWING	PDR	SEC	313311		2	-	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175	
5	BASIC ELECTRICAL AND ELECTRONICS	BEE	AEC	312020	0	2	-	4	-	6	3	-	-	-	-	50	20	50@	20	-	-	100		
6	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	0	1			1	2	1	-	-	-	-	-	-	-	-	50	20	50		
7	COMPUTER AIDED DRAFTING	CAD	SEC	313006	0	-	-	4	-	4	2	-	-	-	-	25	10	25#	10	-	-	50		
8	FUNDAMENTALS OF PYTHON PROGRAMMING	FPP	AEC	313007	0	-	-	2	-	2	1	-	-	-	-	25	10	25@	10	-	-	50		
Total					2	15	0	20	5	40	20		120	280	400		200		175		125		900	
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. 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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Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : FOURTH

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						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		Total Marks	
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA					
																FA-PR	SA-PR		Max	Min	Max		Min
Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	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	THEORY OF MACHINES	TOM	DSC	313313	0	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125
3	METROLOGY AND MEASUREMENT	MAM	DSC	313316	1	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	MECHANICAL ENGINEERING MATERIALS	MEM	DSC	313317	4	3	-	2	1	6	3	1.5	30	70*#	100	40	25	10	-	-	25	10	150
5	PRODUCTION PROCESSES	PPR	DSC	314340	2	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125
6	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	314014	0	1	-	2	1	4	2	-	-	-	-	-	50	20	25@	10	25	10	100
7	BASICS OF MECHATRONICS	BOM	AEC	314017	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50
8	CNC PROGRAMMING	CNC	SEC	314018	0	-	-	4	-	4	2	-	-	-	-	-	25	10	25#	10	-	-	50
Total					9	19	0	16	5	40	20		150	350	500		200		100		100		900
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. 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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Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : FIFTH
Scheme Print

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	EMERGING TRENDS IN MECHANICAL ENGINEERING	ETM	DSC	315363	0	3	-	-	-	3	1	1.5	30	70*#	100	40	-	-	-	-	-	-	-	100
2	POWER ENGINEERING	PER	DSC	315371	1	5	-	4	3	12	4	3	30	70	100	40	25	10	25#	10	25	10	175	
3	AUTOMOBILE ENGINEERING	AEN	DSC	315372	1	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
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		-	-	-	-	0	10	-	-	-	-	100	40	100#	40	-	-	200		
Elective - I (Any - One)																								
6	PRODUCT DESIGN AND DEVELOPMENT	PDD	DSE	315367	0	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
	HEATING VENTILATION AIR CONDITIONING	HVA	DSE	315373	2	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
	POWER PLANT ENGINEERING	PPE	DSE	315374	0	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
Total					2	16	0	9	5	30	20		120	280	400		200	200		50		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 :

- FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 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.
- 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.
- Notional Learning hours for the semester are (CL+LL+TL+SL)hrs. * 10 Weeks
- 1 credit is equivalent to 30 Notional hrs.
- * Self learning hours shall not be reflected in the Time Table.

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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Note : Please Click on Course Name / Course Code to View Curriculum

SEMESTER : SIXTH

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						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		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
															Max	Min	Max	Min	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	DESIGN OF MACHINE ELEMENTS	DME	DSC	316357	0	4	-	2	2	8	4	4	30	70	100	40	25	10	25#	10	25	10	175
3	INDUSTRIAL ENGINEERING AND QUALITY CONTROL	IEQ	DSC	316362	0	4	-	2	2	8	4	3	30	70	100	40	25	10	-	-	25	10	150
4	INDUSTRIAL HYDRAULICS AND PNEUMATICS	IHP	DSC	316363		4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
5	3D MODELLING AND ADDITIVE MANUFACTURING	3DM	SEC	316013	0	-	-	4	-	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	COMPUTER INTEGRATED MANUFACTURING SYSTEMS	CIM	DSE	316359	0	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
	ALTERNATIVE ENERGY SOURCES AND ENERGY MANAGEMENT	AEM	DSE	316364	0	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
	COLD CHAIN MANAGEMENT	CCM	DSE	316365	2	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
Total					3	19	0	14	7	40	20		150	350	500		175		150		125		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.
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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(II) Curriculum Implementation Process

1. For effective implementation of curriculum, design norms are formulated in 15 different formats, specified in CIAAN norms. (Curriculum Implementation and Assessment Norms).

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. Problem analysis: 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. Engineering Practices for society, 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-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

List of Program Specific Outcomes:

PSO1: Modern Software Usage: Use latest mechanical related software for simple design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.

PSO2: Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instrument in field of Mechanical Engineering.

PSO 3: Manage Mechanical Process: Manage the mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for a particular mechanical process or job for economy of operations.

Table no.2.1.1 A Mapping of Course Groups

Classification of courses as per course group(I scheme):

Sr. No	Domain	Name of the Courses
1	Basic Science and Applied Science Courses	1) English
		2) Basic Science
		3) Basic Mathematics

		4)Applied Science
		5)Applied Mathematics
2	Core Engineering courses	1) Engineering Graphics
		2) Basic Workshop Practices
		3) Engineering Drawing
		4) Mechanical Engineering Workshops
		5) Strength Of Materials
		6) Thermal Engineering
		7) Mechanical Working Drawing
		8) Engineering Metrology
		9) Mechanical Engineering Materials
		10) Theory Of Machines
		11) Fluid Mechanic And Machinery
		12) Manufacturing Process
		13) Computer Aided Drafting
		14) Power Engineering And Refrigeration
		15) Advanced Manufacturing

Processes
16) Elements Of Machine Design
17) Power Plant Engineering
18) Industrial Training
19) Capstone Project Planning
20) Solid Modeling And Additive Manufacturing
21) Emerging Trends In Mechanical Engineering
22) Industrial Hydraulics And Pneumatics
23) Automobile Engineering
24) Industrial Engineering And Quality Control
25) Refrigeration And Air conditioning or Renewable Energy Sources And Management
26) Capstone Project Execution And Report Writing
27) Mechanical Engineering Measurements

3	Inter disciplinary courses	1) Fundamental Of ICT
		2) Engineering Mechanics
		3) Basic Electrical & Electronics
		4) Basic Mechatronics
		5) Fundamentals Of Python Programming Basic Communications Using Computers
4	Professional Practice, Behavioral Science ,Social and Environment related courses	1) Environmental Studies
		2) Management
		3) Entrepreneurship Development
		4) Mechanical Engineering Measurements

Classification of courses as per course group (K scheme):

Sr. No	Domain	Name of the Courses
1	Basic Science and Applied Science Courses	1) English
		2) Basic Science
		3) Basic Mathematics
		4) Applied Science

		5) Applied Mathematics
2	Core Engineering courses	1) Engineering Graphics
		2) Engineering Workshop
		3) Engineering Drawing
		4) Mechanical Engineering Workshops
		5) Strength Of Materials
		6) Thermal Engineering
		7) Production Drawing
		8) Metrology & Measurement
		9) Mechanical Engineering Materials
		10) Theory Of Machines
		11) Fluid Mechanic And Machinery
		12) Manufacturing Technology
		13) Computer Aided Drafting
		14) Power Engineering
		15) Power Plant Engineering
		16) Automobile Engineering

		17) CNC Programming
		18) Engineering Mechanics
		19) Basic Electrical & Electronics
		20) Basic Mechatronics
3	Inter disciplinary courses	1) Fundamental Of ICT
		2) Engineering Mechanics
		3) Basic Electrical & Electronics
		4) Basic Mechatronics
		5) Fundamentals Of Python Programming
4	Professional Practice, Behavioral Science ,Social and Environment related courses	1) Social & Life Skills
		2) Professional Communication
		3) Yoga & Meditation
		4) Environmental Education & Sustainability
		5) Entrepreneurship Development & Startups
		6) Essence Of Indian Constitution
		7) Internship

(III) Students' Assessment Process

Students are assessed on following parameters.

1. As per teaching and examination scheme and MSBTE calendar two class tests are conducted for every course.
2. Practical/term work are continuously as sessed by internal examiner during academic session.
3. Practical/term work are assessed by internal an dexternal 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 sentto 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 specifiedin curriculum.
7. Marks obtained by the students in above as sessment are used for calculating attainment.

CO-PO-PSO Mapping (I Scheme)

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	WPE 22004	✓	✓	✓	✓	✓	✓	✓		✓	✓
7	ASM 22202	✓	✓		✓	✓	✓	✓		✓	
8	AME 22203	✓	✓	✓	✓	✓	✓	✓		✓	✓
9	AMP 22206	✓	✓	✓	✓	✓	✓	✓	✓	✓	

10	EDR 22207	✓	✓	✓	✓	✓	✓	✓		✓	✓
11	BCC 22009	✓	✓		✓			✓	✓	✓	
12	MEW 22010	✓	✓		✓	✓		✓		✓	✓
13	SOM 22306	✓	✓	✓	✓	✓	✓	✓		✓	✓
14	BEE 22310	✓	✓		✓	✓		✓		✓	✓
15	TEN 22337	✓	✓	✓	✓	✓	✓	✓		✓	✓
16	MWM 22341	✓	✓	✓	✓	✓		✓		✓	✓
17	EME 22342	✓	✓		✓	✓	✓	✓		✓	✓
18	MEM 22343	✓	✓		✓	✓	✓	✓		✓	✓
19	TOM 22438	✓	✓	✓	✓	✓	✓	✓		✓	✓
20	MEM 22443	✓	✓		✓	✓	✓	✓		✓	✓
21	FMM 22445	✓	✓	✓	✓	✓	✓	✓		✓	✓
22	MPR 22446	✓	✓	✓	✓	✓	✓	✓		✓	✓
23	EST 22447	✓	✓		✓	✓	✓	✓		✓	✓

24	CAD 22042	✓	✓	✓	✓		✓	✓	✓	✓	✓
25	FOM 22048	✓	✓	✓			✓	✓		✓	✓
26	MAN 22509	✓	✓	✓	✓	✓	✓	✓		✓	✓
27	PER 22562	✓	✓	✓	✓		✓	✓		✓	✓
28	AMP 22563	✓	✓	✓	✓	✓	✓	✓		✓	✓
29	EMD 22564	✓	✓	✓	✓	✓	✓	✓		✓	✓
30	PPE 22565	✓	✓	✓	✓	✓	✓	✓		✓	✓
31	ITR 22049	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	CPP 22050	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	SMA 22053	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	ETM 22652	✓	✓	✓	✓		✓	✓		✓	✓
35	IHP 22655	✓	✓	✓	✓		✓	✓		✓	✓
36	AEN 22656	✓	✓	✓	✓	✓	✓	✓		✓	✓
37	IEQ 22657	✓	✓	✓	✓	✓	✓	✓		✓	✓

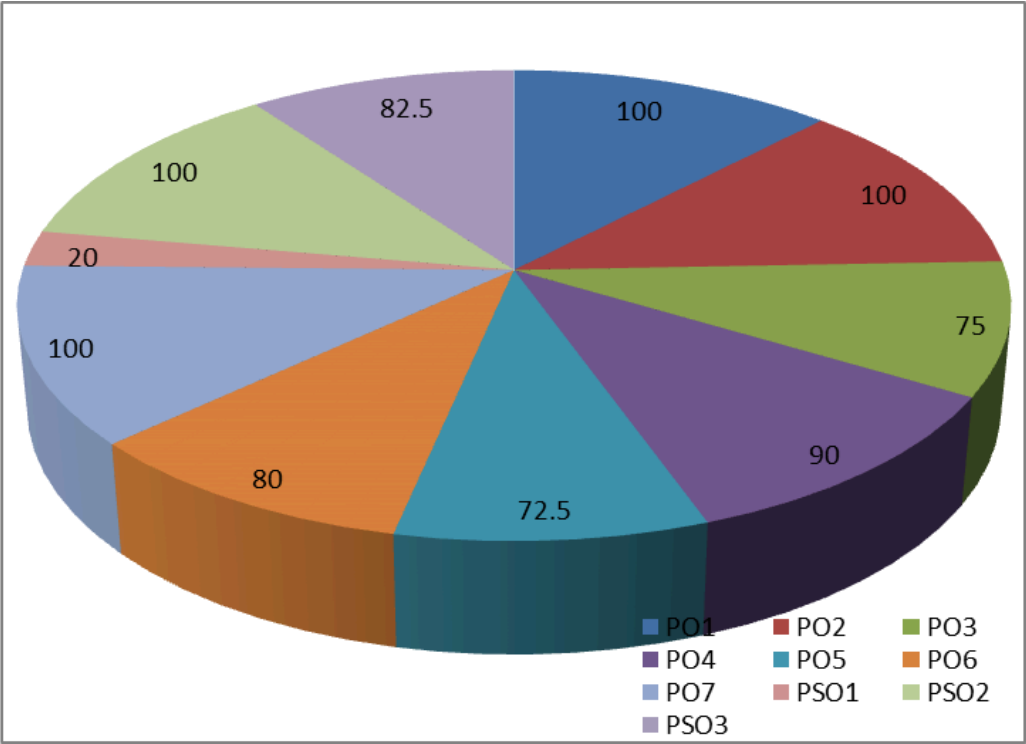
38	RET 22661	✓	✓	✓	✓		✓	✓		✓	✓
39	EDE 22032	✓	✓				✓	✓		✓	✓
40	CPE 22060	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 2.1.1B CO-PO-PSO Mapping (I Scheme)

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	40	100
PO2	Problem analysis	40	100
PO3	Design/development of solutions	30	75
PO4	Engineering Tools, Experimentation and Testing	36	90
PO5	Engineering practices for society, sustainability and environment	29	72.5
PO6	Project Management	32	80
PO7	Life-long learning	40	100
PSO1	Modern Software Usage	8	20
PSO2	Equipment and Instruments	40	100
PSO3	Manage Mechanical Process	33	82.5

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



CO-PO-PSO Mapping (K Scheme)

Sr. No.	Couse	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	Faculty Sign
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	EDG 312311	✓	✓	✓	✓	✓	✓	✓		✓	✓	
11	EGM 312312	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12	MPR 312313	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13	PCO 312002	✓	✓			✓		✓	✓		✓	
14	SFS 312003	✓	✓			✓		✓			✓	
15	SOM 313308	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
16	FMM 313309	✓	✓		✓	✓	✓	✓	✓	✓	✓	
17	TEG 313310	✓	✓		✓	✓	✓	✓	✓	✓	✓	
18	PDR 313311	✓	✓		✓	✓	✓	✓	✓	✓	✓	
19	BEE 312020	✓	✓		✓	✓	✓	✓	✓	✓	✓	

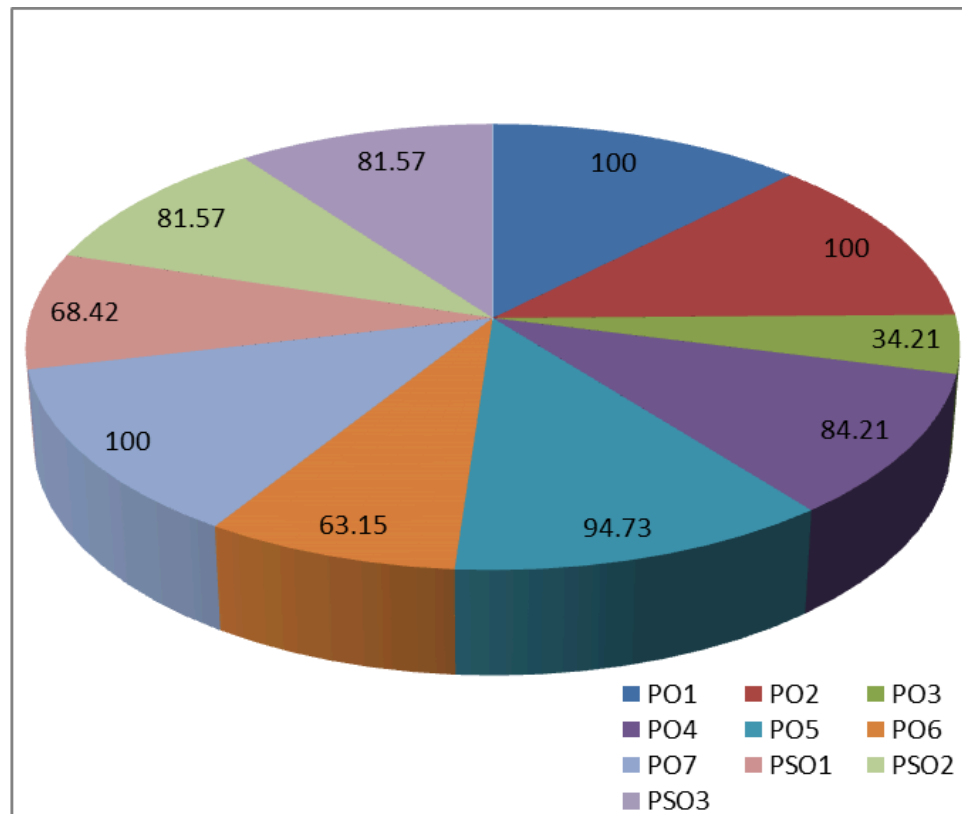
20	EIC 313002	✓	✓		✓			✓	✓	✓	✓	
21	CAD 313006	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
22	FPP 313007	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
23	EES 314301	✓	✓			✓	✓	✓			✓	
24	TOM 313313	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
25	MAM 313316	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
26	MEM 313317	✓	✓		✓	✓	✓	✓	✓	✓	✓	
27	PPR 314340	✓	✓		✓	✓	✓	✓	✓	✓	✓	
28	EDS 314014	✓	✓		✓	✓		✓	✓	✓	✓	
29	BOM 314017	✓	✓		✓	✓	✓	✓	✓	✓	✓	
30	CNC 314018	✓	✓	✓	✓	✓	✓	✓		✓	✓	
31	ETM 315363	✓	✓		✓	✓		✓	✓	✓	✓	
32	PER 315371	✓	✓		✓	✓	✓	✓	✓	✓	✓	
33	AEN 315372	✓	✓		✓	✓	✓	✓	✓	✓	✓	

34	SPI 315003	✓	✓		✓	✓		✓	✓	✓	✓	
35	ITR 315004	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
36	PDD 315367	✓	✓		✓	✓	✓	✓	✓	✓	✓	
37	HVA 315373	✓	✓	✓	✓	✓		✓	✓	✓	✓	
38	PPE 315374	✓	✓		✓	✓		✓	✓	✓	✓	

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

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	100
PO2	Problem analysis	38	100
PO3	Design/development of solutions	13	34.21
PO4	Engineering Tools, Experimentation and Testing	32	84.21
PO5	Engineering practices for society, sustainability and environment	36	94.73
PO6	Project Management	24	63.15
PO7	Life-long learning	38	100
PSO1	Modern Software Usage	26	68.42
PSO2	Equipment and Instruments	31	81.57
PSO3	Manage Mechanical Process	31	81.57



B. List the curricular gaps for the attainment of Pos & PSOs (10)

The curriculum is revised in every 5 years taking feedback from all the stakeholders like industry, alumni, institutes, course experts etc. It is very difficult to satisfy all the needs of the

Industry through curriculum. To identify the gaps feedback is approached. The interaction with alumni and industry people revealed the weak areas in diploma curriculum. A subject teacher also does a thorough study of curriculum as a whole. Considering POs with less or no weightage in CO-PO-PSO matrix, interact with industry expert and accordingly action is planned and executed during academic session.

Following table gives gap side identified and measures taken to satisfy POs and PSOs. Courses are analyzed for the curriculum gaps using the following processes:

- Input from the subject Leader/Teacher of the Course.
- Input from Industry Experts/ Employers.
- Based on Alumni feedback.

2.1.1 B the gaps identified with respect to the courses mapped to POs and PSOs (I Scheme) are

Listed below:

Sr. No.	Gaps Identified
1	Lack of Industry-Related Design Problems.
2	Practical Knowledge and Skills required industries to solve problems related to sustainability & environment.
3	Modern Software Usage

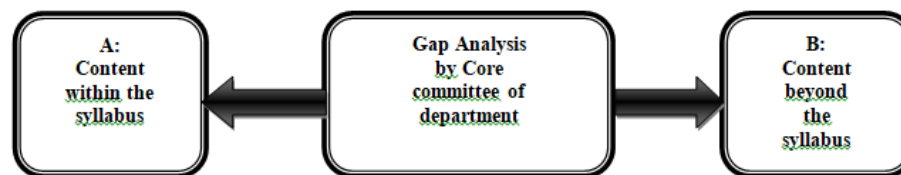


Table No2.1.1B-Gaps identified and measures taken to satisfy Pos and PSOs

Sr. No.	Course	GAP	POs	Gap Identified	Measures taken
1	Thermal Engineering	Knowledge of various types of Boilers and accessories	PO2, PO4, PO7, PSO1, PSO2, PSO3	B	Arranged Industrial Visit
2	Advanced Manufacturing Processes	Advance Machining Processes & its application	PO1, PO4, PO7, PSO1, PSO2	B	Arranged Industrial Visit
3	Computer Aided Drafting	Cad Applications	PO1, PO4, PO7, PSO1	B	Conducted Expert lectures on CAD

4	Applied Mechanics	Pre-requisite courses are not covered by direct second year	PO1,PO2, PO3,PO4,PO5PO7,PSO2	A	Arranged Extra Lectures for Direct Second Year Students
5	Engineering Graphics	Pre-requisite courses are not covered by direct second year	PO1,PO2, PO3,PO4,PO5 PO7,PSO2	A	Arranged Extra Lectures for Direct Second Year Students

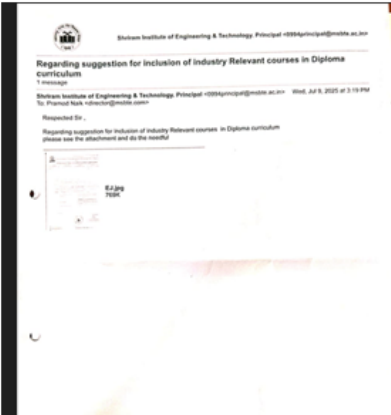
Note: In Case All PO's And PSO's are being demonstrably met through curriculum then 2.1.2 will not be applicable and the weightage of 2.1.1 will be 40

2.1.2.Contents beyond the Syllabus (15)

(Provide details of the additional course/learning material/content/laboratory experiments/projects etc. Arising from the gaps identified in 2.1.1. the delivery details and relevance to Pos and PSOs for each of the assessment year in the form at given below)

2.1.2. A. Steps taken to get identified gaps included in the curriculum (eg. Letters to Board) (2)

For implementation of I Scheme (w.e.f.2017-18) curriculum of MSBTE for program of Diploma in Mechanical Engineering, meeting of Mechanical Department faculties, some industry experts and Alumni of Mechanical Department was conducted and some Observed Gaps are sent for necessary action.



2.1.2. B. Delivery details of content beyond the syllabus (10)

With fast changing technology, it is very difficult to satisfy all needs of industry through Curriculum. To keep the student updated with latest advancements and contemporary need in the field, the department conducted various activities like expert lectures, industrial visits, skill development workshops, personality development Programmers etc.

Table 2.1.2 B gives various activities conducted by the department during CAY(2025-26), CAYm1(2024-25), CAYm2 (2023-24)

- Lectures, Tutorials and Practical's.
- Training on Soft skills and value addition programs
- Guest lectures
- Workshops/Value addition Courses
- Industrial Visits
- Industry expert lectures
- Internships/In-plant Training

2.1.2. C. Mapping of content beyond syllabus with the Pos & PSOs(3)

CAY- 2025-26

Sr.No.	Gap	Action taken	Date	Resource Person with designation	Mode	No. of students present	Relevance to Pos & PSOs
1	Students have less exposure to real manufacturing defects , root cause analysis, corrective actions, and continuous improvement method	Expert Lecture	23/09/2025	Mr. Dipak Prakashrao Khape, Assistant Manager – Quality Assurance, Bharat Forge Ltd., Baramati	Offline	39	PO1,PO2,PO3,PO 4,PO6,PO7 PSO1,PSO2,PSO3
2.	Students can define kinematic pairs (sliding, turning, screw, spherical) but face difficulty in identifying them in actual machines	Industrial Visit	16/02/2026	Eco Board Industries Pvt. Ltd, Velapur	SITE VISIT	39	PO1,PO2,PO3,PO 4,PO5,PO6,PO7 PSO1,PSO2,PSO
3	Provide case study assignments on material handling systems	Industrial Visit	16/02/2026	Eco Board Industries Pvt. Ltd, Velapur	SITE VISIT	61	PO4,PO5,PO7,PSO3

4	Waste heat recovery systems& thermal storage - Helps improve overall plant efficiency; important for process industries	Industrial Visit	19/09/2025	The Saswad Mali Sugar Factory Ltd., Malinagar, Akluj - Tembhurni Road,	SITE VISIT	39	PO2,PO4,PO5,PO7,PO8.PSO1,PSO2,PSO3
5	Curriculum provides theory but students are not sufficiently trained in real-time energy audit procedures in industries/buildings.	Expert Lecture	13/02/2026	Mr. Ganesh S. Kale (Dy. Executive Engineer, MSETCL, Akluj)	Offline	19	PO2,PO4,PO7,PO8. PSO1,PSO2,PSO3
6	Students learn dimensions but have less practical understanding of Geometric Dimensioning and Tolerancing (GD&T) used in industries for precision components	Expert Lecture	23/02/2026	Mr. Rajendra M. Mane (Proprietor, Swastik Engineering Pvt. Ltd., Akluj)	Offline	19	PO1,PO2,PO4,PO7.PSO1,PSO2,PSO3
7	Inadequate Training on EV Maintenance Procedures	Two Day Workshop	20-02-206 to 21/02/2026	Mr. Sagar B. Magar (INDIES EV-TECH, Akluj)	Offline	58	PO1,PO2,PO4,PO7.PSO1,PSO2,PSO3

CAYm1– 2024-25

Sr.No.	Gap	Action taken	Date	Resource Personwith designation	Mode	No. of students present	Relevance to Pos & PSOs

1	CAD Applications	Expert Lecture	25/09/2024	Mr.Shinde Ranjeet Rajaram Avantor sciences pvt.Ltd,Pune	Offline	46	PO1,PO2,PO3,PO 4,PO6,PO7 PSO1,PSO2,PSO3
2.	Recent trends in Technology	Expert Lecture	26/09/2024	Mr. Kumbhar Akshay Maruti (Project manger) Cu-Built Engineer's Pvt Ltd	Offline	73	PO1,PO2,PO3,PO 4,PO5,PO6,PO7 PSO1,PSO2,PSO
3	Soft Skill development & Technical Skills for Diploma Engineering students	4 days workshop	22/09/2025 to 25/09/2025	1. Mr.Dhiraj Alate2. Mr.Kartik (Trainer Consultant ,Theta Dynamics Pvt.Ltd.)	Offline	8	PO4,PO5,PO7,PSO3
4	Types Of Boilers & working principal of Babcox& Wilcox boiler.	Industrial visit	08-10-2024	Concerned people of Industry	SITE VISIT	49	PO2,PO4,PO5,PO7,PO8.PSO1,PSO2,PSO3
5	Advanced Manufacturing Processes	Industrial visit	08-10-2024	Concerned people of Industry	SITE VISIT	74	PO2,PO4,PO7,PO8. PSO1,PSO2,PSO3
6	Manufacturing Technology	Industrial visit	03-03-2025	Concerned people of Industry	SITE VISIT	46+45=91	PO1,PO2,PO4,PO7.PSO1,PSO2,PSO3
7	Types Of Gears & Gear	Industrial visit	03-03-2025	Concerned people of Industry	SITE VISIT	46	PO1,PO2,PO4,PO7. PSO1,PSO2,PSO 3

	Repairing and maintenance						
8	Types of chassis, Braking System, Tyres & balancing	Industrial visit	03-03-2025	Concerned people of Industry	SITE VISIT	74	PO2,PO4,PO7, PSO1,PSO2,PSO 3

CAYm2-2023-24

Sr. No.	Gap	Action taken	Date	Resource Person with designation	Mode	No. of students present	Relevance to Pos&PSOs
1	Manufacturing processes (Raw material, fabrication & testing)	ExpertLecture	10-10-2023	Mr.Lawand Dnyaneshwar Somnath Deputy Manager, Walchandnagar industries, Walchandnagar	Offline	73	PO3, PO7, PO8, PSO2, PSO3
2	Advanced Manufacturing Processes Working of CNC	Industrial visit	13-10-2023	Concerned people of Industry	SITE VISIT	55	PO2,PO4,PO5,PO7,PO8, PSO1,PSO2, PSO3,PSO7
3	Industrial Management	ExpertLecture	02-02-2024	Mr.Kangale Nitin Raqubd as Incharge Principal, SIMS, Akluj	Offline	73	PO3, PO8, PSO2,PSO3
4	Advanced Manufacturing Processes	Industrial visit	03-02-2024	Concerned people of Industry	SITE VISIT	123	PO2,PO4,PO5,PO7,PO8PSO1,PSO2,PSO3,
5	Types of chassis, Braking System, Tyres & balancing	Industrial visit	03-02-2024	Concerned people of Industry	SITE VISIT	69	PO2,PO3,PO4,PO5,PO7,PO8, PO8PSO1,PSO2,PSO3

6	Advance Manufacturing Processes, working of motor	Industrial visit	15-02-2024	Concerned people of Industry	SITE VISIT	123	PO2,PO3,PO4,PO5,PO7,PO8,PSO1,PSO3,PSO7
7	Auto-Cad and related todifferent types of Design Section	One Day Workshop	27/02/2024	Mr.ZagadeSandip Director, Info AutoTech India, Director, Baramati.	Offline	64+65	PO3, PO7, PO8,PSO1,PSO3

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
25.00

A. Adherence to Academic Calendar (3)

Institute Marks
3.00

MSBTE publishes the academic calendar at the start of academic year well in advance.In accordance with this academic calendar,Instituteand 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/IEC 27001:2013)
4th Floor, Govt. Polytechnic, Bldg. 49, Kherwadi, Bandra (E), Mumbai-400 051
Tel.No.: 022-62542100
Email:secretary@msbte.com web:www.msbte.org.in

No. MSBTE/D-40/Academic Calendar/2023-24/३३२

Date: 2 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	Newly admitted 1 st Year
1	Odd Semester Academic Term	July 24 – November 10, 2023	*August 10 – November 24, 2023	*August 10 – November 10, 2023
2	First Class Test	September 04 – 06, 2023	September 13 – 15, 2023	October 09 – 11, 2023 For Pharmacy October 30 – November 01, 2023
3	Second Class Test	October 25 – 27, 2023	November 06 – 08, 2023	For Pharmacy October 30 – November 04, 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 06th October, 2023 upto 5:00 PM

Enrollment schedule for Newly admitted 1st Semester / Year and Direct 2nd year students and Winter 2023 Exam form schedule for Newly admitted 1st and 3rd 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 Shiksha Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Institute Academic Calendar



Academic Year - 2023-24Semester - 1st, 3rd, 5th

Month	Week No.	Week Days							Events																				
		Sun	Mon	Tue	Wed	Thu	Fri	Sat																					
July	1		24	25	26	27	28	29	→ 2 nd SY & TY Term Commencement → 29 th Mahatma																				
	2		31																										
August	3				1	2	3	4	5	→ 11 th Start of Refresher Course for DSY Students																			
	4		4	7	8	9	10	11	12	→ 15 th Independence Day																			
	5		14	15	16	17	18	19		→ 16 th Purni New Year																			
	6		21	22	23	24	25	26		→ 17 th FY Term Commencement																			
September	7		28	29	30	31				→ 19 th Induction Program FY																			
	8						1	2		→ 04 to 06 First Class Test SY & TY, 13 To 15 First Class Test FY																			
	9		1	4	5	6	7	8	9	→ 11 th First Parent Meet SY & TY, 20 th First Parent Meet FY																			
	10		11	12	13	14	15	16		→ 15 th Engineers Day																			
	11		18	19	20	21	22	23		→ 19 th Shree Ganesha Chaturthi, → 28 th Id-e-Milad																			
October	12		25	26	27	28	29	30		→ 30 th TECHNOFOREST 2K23 (Technical Event)																			
	13		1	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		16	17	18	19	20	21		→ 24 th Dussehra																			
	16		23	24	25	26	27	28		→ 25 to 27 Second Class Test SY & TY																			
November	17		30	31						→ 31 st Second Parent Meet SY & TY																			
	18				1	2	3	4		→ 06 to 08 Second Class Test FY																			
	19		6	7	8	9	10	11		→ 10 th SY & TY Term End, → 11 to 15 SY & TY Submission Schedule																			
	20		13	14	15	16	17	18		→ 13 th Second Parent Meet FY, → 14 th Baliprestopda, Dipevali Padwa																			
	21		20	21	22	23	24			→ 20 to 24 FY Submission Schedule, → 24 th FY Term End																			
Class		Term Commencement		Term End		1 st Class Test		2 nd Class Test		Practical Exam		Theory Exam																	
SY & FY		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 Coordinator Amit C.E. I, 1st 2023						Principal Shriram Institute of Engineering And Technology (Polytechnic) Paniv, Tal. Mundhwar, Dist. Solapur																							

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



ShriramShikshan 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:-24/07/2023 (Version 1)

Mechanical Engineering Dept. I,III & V Semester.

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

Odd Term For FY,SY And TY		24 Jul 2023 To 10 Nov 2023 (Available working Days : 100)
Sr.No	Activities	Date/Period
1	Commencement of III & V Sem.	24 Jul 2023 To 10 Nov 2023 (IIIrd, Vth Sem) (10 Aug To 24 Nov 2024) (I St Sem)
2	First Class Test	04/09/2023 To 06/09/2023
3	First Parent Meeting	11/09/2023
4	First IMC	-
5	First EAMC	-
6	Completion Of Syllabus	23 Nov 2023
7	Submission Work Practical Exam (Internal)	16-24 Nov 2023
8	Second Class Test	06/11/2023 To 08/11/2023
09	Second Parent Meeting	13/11/2023
10	Student Guardian Meeting	Every month one
11	Practical Exam (External)	16/11/2023 To 24/11/2023
12	Theory Exam	01/12/2023 To 22/12/2023
13	Summer Break	25/12/2023 To 01/01/2024 (Tentatively)
14	Declaration Of Result	4th week of Jan 2024 (Tentatively)
15	Guest lecture	Four lectures per Semester (17/09/2024 To 30/09/2024) 1. Manufacturing Process. 2. Future Of Mechanical engg. In design Software
17	Workshop	Last week of Oct. 2023

18	Industrial Visit	Four Visit Per Semester (03/10/2023 To 17/10/2023) 1.Sai Engineering 2. SaiUdyog 3.Siddhivinyak Wheel Allignment 4.LDK pumps Pvt Ltd Solapur.
19	Test Series	01 Oct 2023To 17 Oct.2023.(Tentatively)
20	State Level Event & EAC	30 Sep 2023 (Robo Race,Mech Mind)
21	Faculty Training Program	Last week of Oct 2023.
22	Start Of Next Semester	01/01/2024
23	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 sickness. 04) Students are responsible for filling Scholarships/Freeships/Examination form as per Schedule.

Academic coordinator 24/10/23

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

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

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

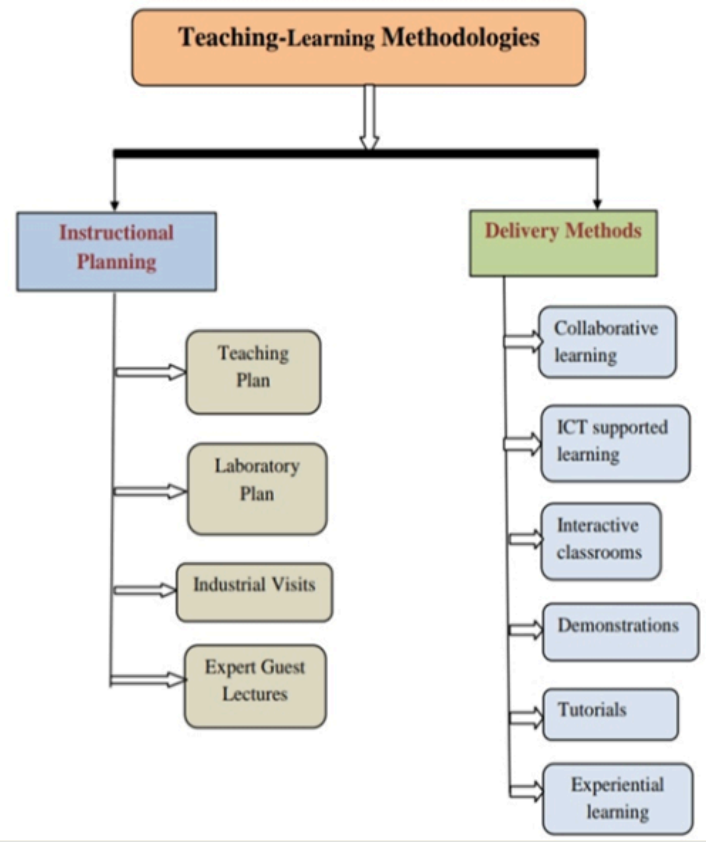
Institute Marks

3.00

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 a of teaching plan and laboratory plan as per CIAAN norms is given in fig2.2.1B1and2.2.1B2.



Maharashtra State Board of Technical Education, Mumbai
Skataram Vishwanath Saheb's
Mechanical Institute of Engineering & Technology (Poly. A. Panshikar) (1994)
Mechanical Engg. Department
Teaching Plan (TP)

Academic Year :- 2023-24
 Course :- Industrial Hydraulics & Pneumatics
 Semester :- V
 Program :- B.E.
 Course Code :- 22035
 Name of Faculty :- Mr. Khandekar V.S.

S. No.	L.T.O.	L.T.O. Details	Plan				Actual Execution				Teaching Method / Media	Remarks	
			Week	To	From	To	From	To	From				
1	1	Introduction to Industrial Hydraulics & Pneumatics	1	1/1/24	1/1/24	1	1/1/24	1/1/24	1	1/1/24	1/1/24	C	
2	2	Hydraulic Systems & Components	2	1/1/24	1/1/24	2	1/1/24	1/1/24	2	1/1/24	1/1/24	C	
3	3	Hydraulic Systems & Components	3	1/1/24	1/1/24	3	1/1/24	1/1/24	3	1/1/24	1/1/24	C	
4	4	Hydraulic Systems & Components	4	1/1/24	1/1/24	4	1/1/24	1/1/24	4	1/1/24	1/1/24	C	
5	5	Hydraulic Systems & Components	5	1/1/24	1/1/24	5	1/1/24	1/1/24	5	1/1/24	1/1/24	C	
6	6	Hydraulic Systems & Components	6	1/1/24	1/1/24	6	1/1/24	1/1/24	6	1/1/24	1/1/24	C	
7	7	Hydraulic Systems & Components	7	1/1/24	1/1/24	7	1/1/24	1/1/24	7	1/1/24	1/1/24	C	
8	8	Hydraulic Systems & Components	8	1/1/24	1/1/24	8	1/1/24	1/1/24	8	1/1/24	1/1/24	C	
9	9	Hydraulic Systems & Components	9	1/1/24	1/1/24	9	1/1/24	1/1/24	9	1/1/24	1/1/24	C	
10	10	Hydraulic Systems & Components	10	1/1/24	1/1/24	10	1/1/24	1/1/24	10	1/1/24	1/1/24	C	
11	11	Hydraulic Systems & Components	11	1/1/24	1/1/24	11	1/1/24	1/1/24	11	1/1/24	1/1/24	C	
12	12	Hydraulic Systems & Components	12	1/1/24	1/1/24	12	1/1/24	1/1/24	12	1/1/24	1/1/24	C	
13	13	Hydraulic Systems & Components	13	1/1/24	1/1/24	13	1/1/24	1/1/24	13	1/1/24	1/1/24	C	
14	14	Hydraulic Systems & Components	14	1/1/24	1/1/24	14	1/1/24	1/1/24	14	1/1/24	1/1/24	C	
15	15	Hydraulic Systems & Components	15	1/1/24	1/1/24	15	1/1/24	1/1/24	15	1/1/24	1/1/24	C	
16	16	Hydraulic Systems & Components	16	1/1/24	1/1/24	16	1/1/24	1/1/24	16	1/1/24	1/1/24	C	
17	17	Hydraulic Systems & Components	17	1/1/24	1/1/24	17	1/1/24	1/1/24	17	1/1/24	1/1/24	C	
18	18	Hydraulic Systems & Components	18	1/1/24	1/1/24	18	1/1/24	1/1/24	18	1/1/24	1/1/24	C	
19	19	Hydraulic Systems & Components	19	1/1/24	1/1/24	19	1/1/24	1/1/24	19	1/1/24	1/1/24	C	
20	20	Hydraulic Systems & Components	20	1/1/24	1/1/24	20	1/1/24	1/1/24	20	1/1/24	1/1/24	C	
21	21	Hydraulic Systems & Components	21	1/1/24	1/1/24	21	1/1/24	1/1/24	21	1/1/24	1/1/24	C	
22	22	Hydraulic Systems & Components	22	1/1/24	1/1/24	22	1/1/24	1/1/24	22	1/1/24	1/1/24	C	
23	23	Hydraulic Systems & Components	23	1/1/24	1/1/24	23	1/1/24	1/1/24	23	1/1/24	1/1/24	C	
24	24	Hydraulic Systems & Components	24	1/1/24	1/1/24	24	1/1/24	1/1/24	24	1/1/24	1/1/24	C	
25	25	Hydraulic Systems & Components	25	1/1/24	1/1/24	25	1/1/24	1/1/24	25	1/1/24	1/1/24	C	
26	26	Hydraulic Systems & Components	26	1/1/24	1/1/24	26	1/1/24	1/1/24	26	1/1/24	1/1/24	C	
27	27	Hydraulic Systems & Components	27	1/1/24	1/1/24	27	1/1/24	1/1/24	27	1/1/24	1/1/24	C	
28	28	Hydraulic Systems & Components	28	1/1/24	1/1/24	28	1/1/24	1/1/24	28	1/1/24	1/1/24	C	
29	29	Hydraulic Systems & Components	29	1/1/24	1/1/24	29	1/1/24	1/1/24	29	1/1/24	1/1/24	C	
30	30	Hydraulic Systems & Components	30	1/1/24	1/1/24	30	1/1/24	1/1/24	30	1/1/24	1/1/24	C	

Name & Signature of Faculty
 Mr. Khandekar V.S.

Mr. Khandekar V.S.
 Date: 17/01/24
 S.E.T. Panshikar

Teaching Plan (Format D1)

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



Academic Year :- 2023-24
 Course :- Industrial Hydraulics & Pneumatics
 Semester :- VIth
 Batch :- A1

Program :- ME64
 Course Code :- 22655
 Name of Faculty :- Mr. Khandare V.S.

Sr. No.	CO	PrO	Name of Experiment / Assignment / Sheet / Job / Project Activity	Planned Date		Actual Date	Remark
				From	To		
1	co1a,c o1b	1	Identify the components and Draw ISO symbols of hydraulic & pneumatic trainers.	10/11/24	10/11/24	10/11/24	C
2	co1a,c o1b	2	Analyze the performance of pump and actuator mounted on hydraulic trainer.	17/11/24	17/11/24	17/11/24	C
3	co2a,c o2b	3	Analyze the performance of control valves used in hydraulics and pneumatics.	24/11/24	24/11/24	24/11/24	C
4	co3b,c o3c	4	Analyze the performance of Compressor,FRL unit,Special valves and accessories of pneumatics.	24/11/24	24/11/24	24/11/24	C
5	co4c,c o4d	5	Construct and actuate hydraulic circuit for SAC,DAC and Hydromotor for the given purpose.	31/11/24	31/11/24	31/11/24	C
6	co5d,c o5e	6	Construct and actuate Meter-in,Meter-out hydraulic circuit for the given purpose.	7/12/24	7/12/24	7/12/24	C
7	co5e,c o5f	7	Construct and actuate hydraulic circuit for the given sequencing of operations.	21/12/24	21/12/24	21/12/24	C
8	co5e	8	Develop circuit for simple machine tool applications such as milling machine,shaper machine,grinding machine.	28/12/24	28/12/24	28/12/24	C
9	co5e	9	Maintain simple parts of mobile hydraulic system such as in earth moving equipments.	3/1/24	3/1/24	3/1/24	C
10	co5f	10	Maintain simple parts of any one stationary hydraulic system such as in any machine tool.	6/1/24	6/1/24	6/1/24	C
11	co6b,c o6f	11	Maintain simple parts of any one stationary hydraulic system such as in any machine tool.	13/1/24	13/1/24	13/1/24	C
12	co6b,c o6f	12	Construct & actuate pneumatic circuit for SAC, DAC, Air motor.	20/1/24	20/1/24	20/1/24	C
13	co6c,c o6f	13	Construct & actuate speed control pneumatic circuit.	-	-	-	-
14	co6f	14	Construct & actuate indirect (pilot) control pneumatic circuit.	-	-	-	-
15	co6b,c o6f	15	Construct & actuate pneumatic circuit for the given sequencing of operation	3/4/24	3/4/24	3/4/24	C
16	co6b,c o6c	16	Construct hydraulic circuits using hydraulic simulation software.	-	-	-	-

Name & Signature of Faculty
 Mr. Khandare V. S.

Mr. Khandare V. S.
 Name & Signature of HOD
 Dept. Of Mech Engg.
 S.I.E.T.Paniv

Laboratory Plan (D2 Format)

2. 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



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



4. 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.

5. 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.

6. 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 Mathematics, Engineering Mechanics, and Strength of Materials 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

2.2.1.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

2.2.1.D.Quality of classroom teaching (3)

ICT enabled teaching learning practices: Faculty use projectors laptops for PPT, videolectures 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

2.2.1.E. Conduct of experiments (3)

Practical planning is done at start of term and specified in format D2 by 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 them for calculation, writing result and conclusion. Brain storming 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 2.2.1E1 and 2.2.1E2 gives sample laboratory planning sheet and evidences of conduction of experiments in the laboratory.



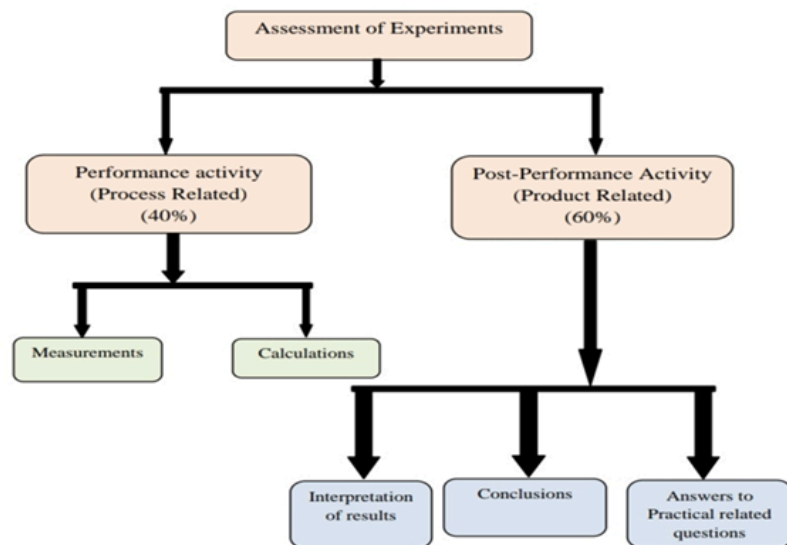
F. Continuous Assessment in the laboratory (3)

Institute Marks

3.00

2.2.1. 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 their 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.



Flowchart of Continuous Assessment and Marks Distribution

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 %

Fig 2.2.1 F1: Specifications of Lab Assessment

Sample pro-forma D3 Is shown in picture. 2.2.1 F2.

Institute Marks

6.00

At the end of these cond 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 feed back 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)

This is help ful for improve the quality of the teaching –learning process. Afterreceiving the feedbacks meeting of teachers is conducted by HOD. Course teachers who have received lows cores and negative comments, if any, in the feedback, are guided forfurther improvement. Teachers are motivated to improve their skills and abilities bydeputing 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 Sanstha's									
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)									
Mechanical Engg. Department									
Student Feedback									
Academic Year :- 2022-23		Program :- MESH (Dn - A)		Semester :- Third		Date :- 12.12.22			
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	Strength of Material - SCM - 22306	Mr. Chalapantia V. P.	5	5	5	5	5	25	
2	Basic Electrical & Electronics Engineering - BEEL - 22303	Mr. Kato M. D.	5	5	5	5	5	25	
3	Thermal Engineering - TEN - 22307	Mr. Bodhe S. T.	5	5	5	5	5	25	
4	Mechanical Working Drawing - MWD - 22301	Mr. Kato A. D.	5	5	5	5	5	25	
5	Engineering Metrology - EME - 22302	Mr. Bhatnagar P. K.	5	5	5	5	5	25	
6	Mechanical Engineering Material - MEM - 22303	Mr. Shinde M. T.	5	5	5	5	5	25	

Mr. Chalapantia V. P.
 Head of Department
 Mechanical Engineering Department

Mr. Kato M. D.
HOD, Mechanical Engg. Dept.
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)

Maharashtra State Board Of Technical Education, Mumbai

Shriram Shikshan Sanstha's

Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)

Mechanical Engineering Department

Student Feedback Analysis

Academic Year :- 2023-24

Program :- ME33

Semester :- Fifth

Date :- 08/11/2023

Sl. No.	Name of Course (TH / FR)	Name Of Faculty	Scale Obtained in Each Parameter (Out of 5 X No. of Students = 5 X 73 = 365)					Total (Out of 5 X 5 X No. of Students=5X5 X73=1825)	Overall Scale In %
			Personality & Discipline	Domain Knowledge	Presentation Skill & Interaction with Students	Ability to Resolve Difficulties	Effective Use of Teaching Aids		
1	2	3	4	5	6	7	8	9	10
1	Management (MAN - 22309)	Mr. Ganjigamkar V. P.	354	330	349	348	349	1750	95.89
2	Power Engineering & Refrigeration (PER - 22562)	Mr. Jadhav S. S.	350	342	344	338	343	1717	94.08
3	Advanced Manufacturing Processes (AMP - 22563)	Mr. Khandagale P. B.	352	355	355	352	346	1760	96.43
4	Elements Of Machine Design (EMD - 22564)	Mr. Mhatre R. G.	354	355	346	351	347	1753	96.05
5	Power Plant Engineering (PPE - 22566)	Mr. Joshi R. D.	354	345	351	344	341	1735	95.06
6	Industrial Training (ITR - 22049)	Mr. Ganjigamkar V. P.	351	352	344	338	345	1730	94.79
7	Capstone Project Planning (CPP - 22500)	Mr. Laxand S. S. & Mr. Khandagale P. B.	355	354	342	345	345	1741	95.39
8	Solid Modeling & Additive Manufacturing (SMA - 22853)	Mr. Buthoor P. K.	356	351	355	348	357	1767	96.82

Principal

Shriram Institute Of Engineering And Technology (Polytechnic)

11/09/23

Dept. Of Mech Engrg

Fig 2.2.1 G2: Course feedback of student

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

Institute Marks

15.00

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

Institute Marks

5.00

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

- As per MSBTE Academic Calendar in each semester two class test are conducted
- ClassTest consists of subjective / descriptive questions & for few courses tests consist of only objective questions (MCQs)
- The average of both tests is considered for final Theory Progressive Assessment (TH-PA D5 format)
- The test co-ordinator schedules the test time table & displays the one week prior on the notice board before the exam
- While setting the question paper subject faculty refers previous MSBTE question papers& sample question papers
- After setting the question paper, faculty submits the question paper to test co-coordinator
- Test co- coordinator checks that the question paper is designed as per structure given in curriculum and as per taxonomy level mentioned in curriculum and forwards it to HOD for approval
- After assessment by HOD, as per remark faculty will modify the question paper and submit again it to test coordinator

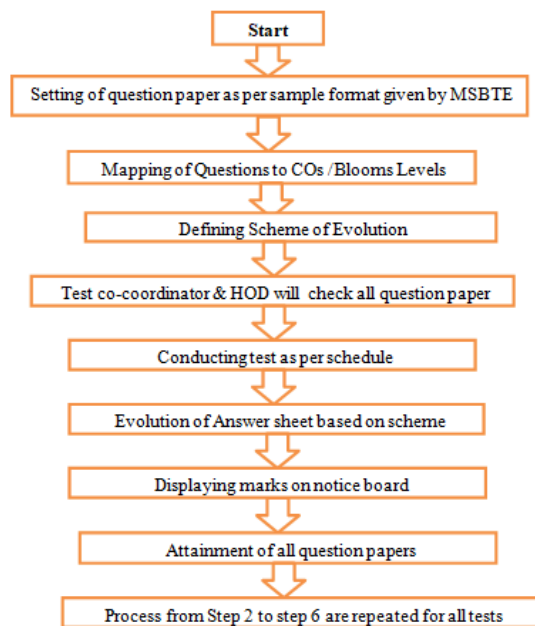
- For each course question bank is given to students be for commencement of class test

Quality of Assignment

- After the completion of every unit assignment question given to students, while designing the assignments due care is taken such that the assignment fulfills the required course outcomes.
- All students write it & submit with in a week and each question is mapped with CO's. So, the Students will be able to understand course outcome of subject.
- Assignments are designed as per MSBTE question paper pattern.

Sr. No.	Parameter	Initiative Taken	Skills Developed
1	MSBTE Exam	- Chapter wise questions given - Previous Years Paper solving - Sample Question paper solving	- Preparation of exam becomes easy - Repeated questions can be easily attempted
2	Class Test	1. Structurdquestionarea asked	Recall/Remember Factual knowledge
3	Unit Test	2. Actionverbsareusedas per blooms taxonomy such as Differentiate, Draw, Explain, List etc	2. Organize the knowledge.
4	Practical Sessions	- Question based on Experiments in the manual - Practical related Theory questions are asked while assessment	- Provides to the students a technique For self-evaluation - Improve Cognitive and Affective Ability of the student
5	Assignments	Unitwise assignments Are given based on previous questions paper	- Improves understanding of concept - Students understand questions type all be asked in theory exam

- Process for Internal semester question paper setting

**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 departments 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.

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

9. SUGGESTED SPECIFICATION TABLE FOR QUESTION PAPER DESIGN

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Non conventional Machining Processes	10	02	04	06	12
II	Milling Machines and Milling Processes	10	02	04	06	12
III	Gear Manufacturing	10	02	02	06	10
IV	Fundamentals of Computer Aided Manufacturing	10	02	04	06	12
V	CNC Part Programming	14	04	04	08	16
VI	Automation and Robotics	10	02	02	04	08
Total		64	14	20	36	70

Fig 2.2.2 A1: Sample specification table

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

Date: 17/03/2025
 Class: 7
 Name of the Student: Thamhane Sanskar Mahadev
 Roll No: 8006
 Scheme: K Signature of Supervisor: Shinde P. Mahadev
 Course Name: Automobile Engineering Course Code: 215372

Ques No.	a			b			c			d			e			f			Total
	Marks	CO	EL	Marks	CO	EL	Marks	CO	EL	Marks	CO	EL	Marks	CO	EL	Marks	CO	EL	
1	02	CO-1		02	CO-1		02	CO-1		02	CO-1		02	CO-1		02	CO-1		18
2	03	CO-2		03	CO-2		03	CO-2		03	CO-2		03	CO-2		03	CO-2		17
3																			
4																			
5																			
6																			
7																			
8																			
Sign. of Staff: <u>Mr. Jadhav T. R.</u> Grand Total: <u>27</u>																			
Name of Staff: <u>Mr. Jadhav T. R.</u> Out of: <u>30</u>																			

4 Page

Q2.

2. → major components mounted on vehicle chassis are;

- 1) Engine
- 2) Gear box
- 3) clutch
- 4) Differential
- 5) Leaf spring
- 6) propeller shaft.
- 7) suspension system
- 8) Electrical control
- 9) frame
- 10) Transmission system

8. → The power generated by engine goes to

ShriramShikshanSanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv (0994)
MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI
Class test No. 01 (2025-26)

Program Name: Mechanical Engineering
Course Title: Automobile Engineering
Course Code: 315372
Date & Time: 17/09/2025 (10:00 pm to 11:30 pm)

Program Code: ME
Semester: Vth
Marks: 30
Duration: 1 Hr. 30 Min

Instructions: 1. Answer each next main Question on a new page.
 2. Illustrate your answer with neat sketch wherever necessary.
 3. Figures to the right indicate full marks.
 4. Assume suitable data if necessary.
 5. Mobile Phone, Pager and any other Electronic Comm. devices are not permissible in Exam Hall.

CO No.	CO STATEMENT	CO's	Blooms Level
1.	Use appropriate tools for vehicle service operation.	CO a	BL 1
2.	Carryout repairing activities by following laid down procedures.	CO b	BL 2 BL 3

Q. 1	Solve Any Five (5 X 2 = 10 Marks)	CO No.	Bloom's Level
1.	Define Automobile.	COa	BL1
2.	What are the major components mounted on vehicle chassis.	COa	BL1
3.	Write function of universal joint Propeller shaft.	COa	BL1
4.	State components of Hybrid vehicles.	COa	BL1
5.	State the function of clutch in Automobiles.	COb	BL1
6.	State any two function of gear box in Automobiles.	COb	BL1
7.	State types of transmission systems.	COb	BL1

Q. 2	Solve Any Five (5 X 4 = 20 Marks)	CO No.	Bloom's Level
1.	Give the classification of Automobiles.	COa	BL2
2.	Explain front engine rear wheel drive with neat sketch.	COa	BL2
3.	Compare front engine front wheel drive with rear engine rear wheel drive.	COa	BL2
4.	Explain working principle of electric vehicles.	COa	BL3
5.	Write the classification of friction clutches.	COb	BL2
6.	Draw a neat labelled sketch of single plate clutch.	COb	BL3
7.	Explain with neat sketch working of constant mesh gear box.	COb	BL3

Fig 2.2.2A3: Unit Test Answer Paper

Fig 2.2.2A2: Unit Test Question paper

Following photo shows sample copy of test Mark Result Analysis maintained in the department in academic year 2024-25

Shriram Institute of Engineering And Technology (Poly.), Paniv Instt. Code :- 0994 Academic Year :- 2024-25 Mechanical Engineering Department Result Analysis									
Class:- S. Y. Mech. Class Test :- II nd Sem:- IV th		Conducted during :- 07/04/2025 To 09/04/2025 Maximum mark for each subject:- 30 Marks Scheme:- K							
Roll. No.	Enrollment No.	Name of Candidates	Marks Out of 30					Total Marks Out of 150	Total No. Failed Subject
			EES (314301)	TOM (313313)	MAM (313316)	MEM (313317)	PPR (314340)		
2001	23212330446	SHENDAGE SAHIL NAVANATH	27	28	27	27	28	137	-
2002	23212330449	SATHE ADITYA RAMCHANDRA	26	27	27	26	26	132	-
2003	23212330451	TUPE PRATHAMESH SHARAD	28	28	27	28	28	139	-
2004	23212330452	CHAVAN PRUTHIVIRAJ AMBADAS	25	28	27	28	28	136	-
2005	23212330453	HANGE SUBHASH RAMCHANDRA	26	27	28	27	27	135	-
2006	23212330455	THOMBARE SANSKAR MAHADEV	28	28	28	28	27	139	-
2007	23212330457	AVAGHADE SARANG SANJAY	26	27	25	27	27	132	-
2008	23212330462	MANE ANIKET DAGADU	26	28	28	28	28	138	-
2009	23212330464	KOLEKAR PRAJVAL BHIMRAJ	27	28	28	28	28	139	-
2010	23212330468	MISKAR PRUTHIVIRAJ BIKHU	25	24	27	27	25	128	-
2011	23212330473	JAGTAP NIKSHAY KALYAN	26	26	27	28	28	135	-
2012	23212330475	SUL KRISHNA RAMESH	25	27	27	27	28	134	-
2013	23212330479	SHEVATE BOBBY ANIL	26	22	26	26	26	126	-
2014	23212330484	SHAIKH SAKIB RAJAK	26	26	26	27	28	133	-
2015	23212330492	SONAVALE ADARSH ANIL	25	24	28	27	25	129	-
2016	23212330495	SHINDE PRASHANTRAO BABAN	28	26	26	28	28	136	-
2017	23212330497	SHINGADE PRITAM SHIVAJI	28	28	28	28	28	140	-

Marks Out of 30					
Roll. No.	Enrollment No.	Name of Candidates	EES (314301)	TOM (313313)	MEM (313317)
2042	24212330787	SURVASE DEEPAK SHARAD	28	28	28
2043	24212330788	THITE ANAND GANESH	28	28	28
2044	24212330789	TADAV VIVEK MADHUKAR	28	28	28
2045	24212330790	SWAMI DATTAPRASAD SANTOSH	28	28	28
2046	24212330794	JADHAV JYAN SANTOSH	25	23	26
2047	179940234	SHIKALE PRATHAMESH ARUN	26	22	26

Result Analysis				
Total No. of Candidates	47	47	47	47
Total No. of Present Candidates	29	29	29	29
Total No. of Absent Candidates	18	18	18	18
Total No. of Pass Candidates	29	29	29	29
Total No. of Fail Candidates	0	0	0	0
Total No. of Candidates Cancelled Their Admission	-	-	-	-
Percentage of Result	100%	100%	100%	100%
Subject Teacher Sign.	Dr. Tushar K.V.	Dr. Khadgaiah P.B.	Dr. Jyoti K.S.	Dr. Vidya K.D.
Subject Teacher Name	Dr. Tushar K.V.	Dr. Khadgaiah P.B.	Dr. Jyoti K.S.	Dr. Vidya K.D.
Avg. Result in %	100%			

Toppers			
Sr. No.	Name of Student	Marks	Out of
1	TUPE PRATHAMESH SHARAD	139	150
	THOMBARE SANSKAR MAHADEV	139	
	KOLEKAR PRAJVAL BHIMRAJ	139	
2	MANE ANIKET DAGADU	138	138
	SHINDE NAGESH KASHINATH	138	
	CHAVAN PRUTHIVIRAJ PRAVIN	137	

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

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

Institute Marks

5.00

2.2.2.B. 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 subject.
- 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

9. SUGGESTED SPECIFICATION TABLE FOR QUESTION PAPER DESIGN

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			Total Marks
			R Level	U Level	A Level	
I	Non conventional Machining Processes	10	02	04	06	12
II	Milling Machines and Milling Processes	10	02	04	06	12
III	Gear Manufacturing	10	02	02	06	10
IV	Fundamentals of Computer Aided Manufacturing	10	02	04	06	12
V	CNC Part Programming	14	04	04	08	16
VI	Automation and Robotics	10	02	02	04	08
Total		64	14	20	36	70

Legends: R=Remember, U=Understand, A=Apply and above (Bloom's Revised taxonomy)

Note: This specification table provides general guidelines to assist student for their learning and to teachers to teach and assess students with respect to attainment of UOs. The actual distribution of marks at different taxonomy levels (of R, U and A) in the question paper may vary from above table.

Fig 2.2.2B: Specification Table for Setting Question Paper

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

Institute Marks

5.00

2.2.2.C. Cos coverage in class test /mid-term test and assignments. (5)

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

COURSE CODE: (22563)		COURSE NAME: Advanced Manufacturing Processes					
SR. NO.	TITLE	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
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

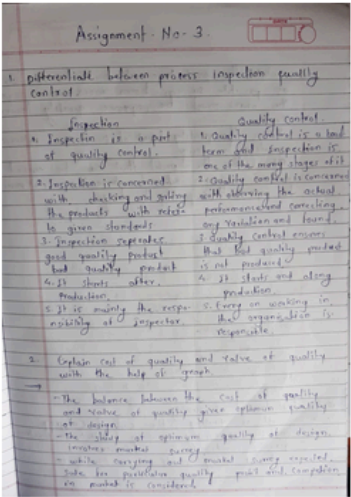
COs coverage for Assignments

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: (22563)		COURSENAME: Advanced Manufacturing Processes					
SR. NO.	TITLE	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
1	Assignment No.1	√					
2	Assignment No.2		√				
3	Assignment No.3			√			
4	Assignment No.4				√		
5	Assignment No.5					√	
6	Assignment No.6						√

Sample Assignment

- Assignment 3
- IEQ(22657)
- Unit - III Quality Control and Inspection
- Q1. Differentiate between process inspection and final inspection.
- Q2. Explain 'Cost of Quality and value of Quality' with the help of graph.
- Q3. Explain cost of quality.
- Q4. Explain Cause Effect Diagram, Histogram, Pareto chart with sketch.
- Q5. Explain Concept of Quality audit.
- Q6. Explain need of inspection in Industries.
- Q7. Define quality circle. State the objectives of quality circle.
- Q8. Write advantages and limitations of ISO 9000 (four each).



2.2.3 Quality of Experiments (15)

Institute Marks

15.00

A. Experimental methodologies (5)

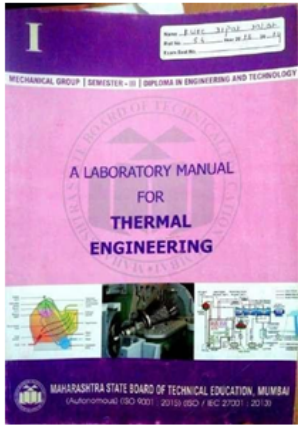
Institute Marks

5.00

2.2.3.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



Laboratory Manual

For OETD Diploma Course: Winter Term 2021-22

Maharashtra State Board of Technical Education

STUDENT'S PROGRESSIVE ASSESSMENT SHEET FOR THERMAL WORK (TW)

Student Year : _____ Name of Faculty : _____
Course & Code : _____ Subject & Code : _____ Roll No. : _____
Name of Institution : _____ Marks : _____ Date : _____

Sl. No.	Date of Exam	Name of Experiment / Assignment	Score out of 100	Score out of 100	Score out of 100
1	2	3	4	5	6
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
Total					
Marks Out of 100 (Total)					

Signature of Student _____ Signature of Faculty _____

Note: 1. The student must submit the completed sheet to the faculty. 2. The student must submit the completed sheet to the faculty. 3. The student must submit the completed sheet to the faculty. 4. The student must submit the completed sheet to the faculty. 5. The student must submit the completed sheet to the faculty. 6. The student must submit the completed sheet to the faculty. 7. The student must submit the completed sheet to the faculty. 8. The student must submit the completed sheet to the faculty. 9. The student must submit the completed sheet to the faculty. 10. The student must submit the completed sheet to the faculty.

Page # 2/2

Laboratory Assessment Sheet

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

Institute Marks

5.00

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

- For developing some intellectual skillslike identification of component sin IC Engines, motor skills such as assembling and dismantling 4 stroke IC engine industrialvisitsarearrangedingSTworkshops.Workshopsareorganizedwiththe help of industrypersononto provide hand son experience to the students.Industrial visits are often arranged to understand the application of the cortical concepts.
- MoU'swithlocalindustriestoenhanceInstitute-Industryinteractionand opportunities to undergo training.
- Virtual labs of IIT,NIT are used for different courses in Mechanical engineering for demonstration purpose mentioned below:



C. Relevance to outcomes (5)

Institute Marks

5.00

2.2.3.C. Relevance to outcomes (05)

All the experiment sin the syllabus are relevant to course outcome.Hence performing experiment and its evaluation certainly targets towards attainment of Cos. almost all the practical based courses has assessment head called Term Work,in which marks are based on Continuous assessment and practical or Oral head to be assessed during term end examinations specifies the course outcome.

After the completion of the Laboratory experiments the students are able to....

1. Develop an ability to under stand / solve key concepts discussed in the classroom.
2. Apply the knowledge of engineering practices, science and mathematics to propose and apply effective engineering solutions.
3. Identify suitable hardware / software parttoim plement algorithms / procedures.
4. Work effectivelying roupas or as individual member to complete the assigned responsibilities
5. Byholding ethical standards with concern to global, environmental, economic, socialissues and life- long learning.
6. Communicate effectively about laboratory work both or all yandin writing technical reports.

Above parameters gives relevance to POs and PSOs addressed by that specificcourse. Practical Course out come matrix is also provided in laboratory manual for every course in new curriculum. Mapping of experiment are done with the course outcomes.

Engineering Metrology (17142)

Practical- Course Outcome matrix

Course Outcomes (COs)

- Select the relevant instrument for measurement.
- Use different types of comparators.
- Select gauges, fits and tolerances for machine components.
- Use relevant instruments to measure different parameters of screw thread and gear.
- Use linear and angular measuring instruments.
- Select relevant surface testing methods.

S. No.	Practical Outcome	CO a.	CO b.	CO c.	CO d.	CO e.	CO f.
1.	Measure various dimensions of a given components using radius gauge, vernier caliper, vernier height gauge, micrometer (use both mechanical and digital).	√	-	-	-	-	-
2.	Measure holes of a given sample using internal micrometers and dial bore indicators.	-	√	-	-	-	-
3.	Use pneumatic comparator /electronic comparator to Measure the Circularity / Roundness of the given specimen and compare it with the given standard	-	√	-	-	-	-
4.	Use slip gauges combination to set the adjustable snap gauge Go end and No-Go end for a given dimension.	-	-	√	-	-	-
5.	Measure gear tooth elements using gear tooth vernier caliper.	-	-	-	√	-	-
6.	Measure the effective diameter of the screw thread using Profile Projector / Tool Maker Microscope	-	-	-	√	-	-
7.	Use floating carriage micrometer to measure minor, major and effective diameter of screw thread.	-	-	-	√	-	-
8.	Measure unknown angle of a given tapered component using sine centre in combination with slip gauges.	-	-	-	-	√	-
9.	Use Bevel Protractor and Clinometers to measure an angle and taper of the given component.	-	-	-	-	√	-

Maharashtra State Board of Technical Education

Fig 2.2.3 C:- Practical Course out come matrix

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

2.2.4 A. Identification of project and allocate on methodology (3Marks)

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,casestudies 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 (4-6students). In each batch.

Project Allocation Process:

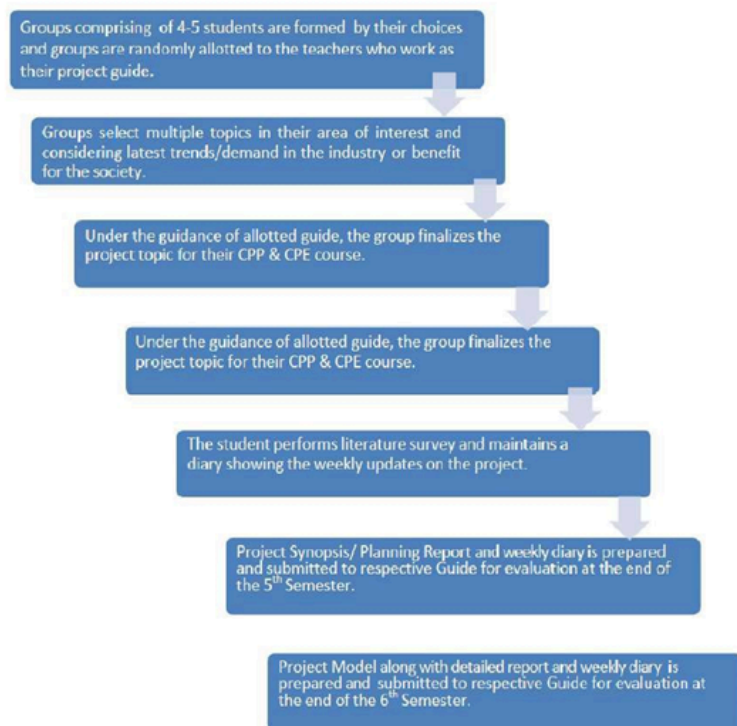


Fig.2.2.4.A Flow chart activities related to project

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

Institute Marks

5.00

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

Students developability to Workin 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 CAY 2025-26:

SR. NO.	Name Of Project	Type of Project	POs/PSO covered
1	Four Wheel Steering	Industry Sponsored	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3
2	Fifth Wheel Car Parking	Application Based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3
3	Automatic Brake Failure Induction With Emergency Braking	Application Based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3
4	Electric Coconut Scraper Machine	Industry Sponsored	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3
5	Sprayer Pump Using Rotating Sprinkler	Application Based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3

List of project and POs/PSOs for CAYm1 2024-25:

SR. NO.	Name Of Project	Type of Project	POs/PSO covered
1	Automatic Stand Closer For Motorbike	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3
2	Flywheel Based Energy Generator With	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2,PSO3

	Spring Assisted Energy Transfer		
3	Onion Leaf Trimming With Solar Energy	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
4	Development of Brush Making Machine	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
5	Development of Motorized Power Hammer	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
6	Multipurpose Agriculture Machine	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
7	Electromagnetic Braking System	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
8	Seat Belt Based Hand Brake Release Mechanism	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3

List of project and POs/PSOs for CAYm2 2023-24:

SR. NO.	Name Of Project	Type of Project	POs/PSO covered
1	Coin Sorting Machine	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
2	Walking Machine Mechanism By Using Klahan Working & Construction	Study based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3

3	Voice Controlled Robotic Vehicle Using Bluetooth Connectivity	Study based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
4	Homemade Drill Press	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
5	Sugar cane Hilling Equipment	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
6	Electric Wheel Chair For Physically Challenged	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
7	Mini Hacksaw Powered By BeamEngine	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
8	Agricultural Pesticide Spraying Robot Bluetooth Controlled	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
9	Battery Operated Hydraulic Car Jack	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
10	Torsion Testing Instrument	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
11	Hydraulic Parking System	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
12	Forget Farm Bicycle Engine	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
13	Development of The Chain Link Fencing	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3

14	Automated Robotic Arm	Study based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
15	Electric Hydraulic Jack Air	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
16	Design & Fabrication of Speed Showing Mechanism	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1 PSO2, PSO3

C. Process for monitoring and evaluation (5)

Institute Marks

5.00

2.2.4 C. Process for monitoring and evaluation (5)

- 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.
- Each group member is asked to write assignments on the action plan prepared for the project during fifth semester and respective guided or continuous assessment as certaining contribution of individual in fulfilling the task during practical hours allocated.
- 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.
- 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.
- Faculty encourage students to participate in project exhibitions, which is aimed to provide common platform for them 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

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

Institute Marks

5.00

2.2.4 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

2.2.4 E. Quality of deliverable, working prototypes (12)

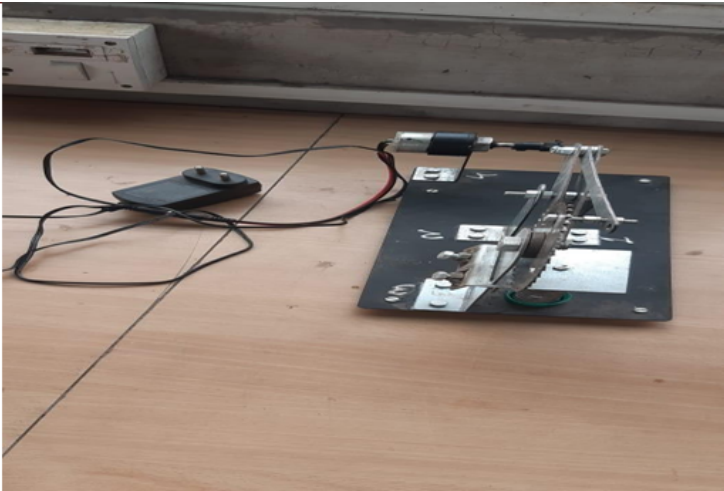
Students deliver their projects through projectre ports in following format.

Quality of Project Report

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

- Abstract
- Topic
- Introduction / Philosophy
- Literaturesurvey / methodology adopted
- Projectdescription
- Fabrication / Assembling
- Testing / Performance / Calculation
- Costing
- Result and discussion
- Conclusion
- Futurescope
- Bibliography / References

Working of prototype is demonst rate dtoguide in midsessions, to head of the department during submissions. Hon.Principal Encourage students for demonstration. During end semeste reexam students are assessed based on demonstration of prototype and oral examination



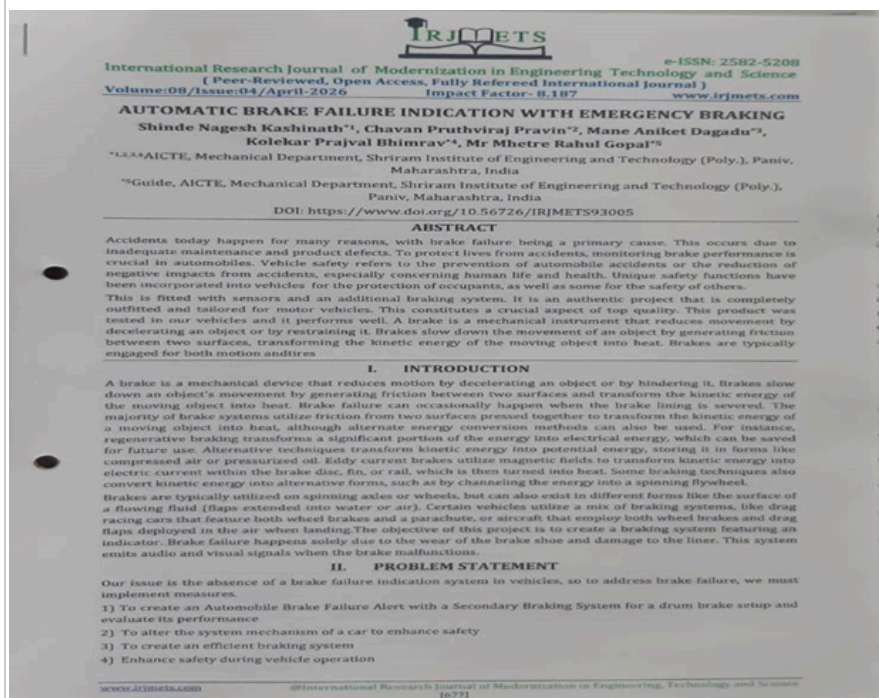
F. Papers published /Awards/ Recognition received by projects at State/ National level (5)

Institute Marks

5.00

F. Papers published /Awards/ Recognition received by projects at State/ National level (5)**A.Y. 2025-26**

Group No.	Roll No.	Enrollment No.	Name of Students	Title of Project	Name of Guide	Paper Title	Paper Publication Details				
1	3004	23212330452	CHAVAN PRUTHVIRAJ AMBADAS	Four Wheel Steering	Mr. Lawand S.	"Improve Vehicle Stability using four wheel steering"	International Reserch Journal of Modernization in Engineering Technol;ogy and Science e-ISSN:2582-5208				
	3005	23212330453	HANGE SUBHASH RAMCHANDRA THOMBARE								
	3006	23212330455	SANSKAR MAHADEV								
	3010	23212330475	SUL KRUSHNA RAMESH								
	3002	23212330446	SHENDAGE SAHIL NAVANATH								
2	3003	23212330451	TUPE PRATHAMESH SHARAD	Fifth Wheel Car Parking	Mr. Gunjegaonkar V. P.	Improving Vehicle Stability using Fift wheel car parking Mechanisim"	International Reserch Journal of Modernization in Engineering Technol;ogy and Science ISSN:2582-5208				
	3009	23212330473	JAGTAP NIKSHAY KALYAN SHINDE					e-			
	3014	23212330495	PRASHANTRAO BABAN								
	3008	23212330464	KOLEKAR PRAJVAL BHIMRAV								
	3007	23212330462	MANE ANIKET DAGADU CHAVAN								
3	3016	24212330767	PRUTHVIRAJ PRAVIN	Automatic Brake Failure Indication With Emergency Braking	Mr. Mhetre R. G.	"Automatic Brake Failure Induction with Emerging Braking "	International Reserch Journal of Modernization in Engineering Technol;ogy and Science ISSN:2582-5208	e-			
	3019	24212330786	SHINDE NAGESH KASHINATH								
	3012	23212330484	SHAIKH SAKIB RAJAK								
	3015	23212330500	JANKAR ADITYA SURYAKANT					Mr. Salunke K. H.	Design and Performance Evaluation of High-Efficiency Electric Coconut Shredder"	International Reserch Journal of Modernization in Engineering Technol;ogy and Science ISSN:2582-5208	
	3017	24212330778	MADANE DIPAK BABAN								e-
4	3018	24212330782	RANDIVE SWARUP SURESH	Electric Coconut Scraper Machine	Mr. Salunke K. H.	Design and Performance Evaluation of High-Efficiency Electric Coconut Shredder"	International Reserch Journal of Modernization in Engineering Technol;ogy and Science ISSN:2582-5208				
	3011	23212330479	SHEVATE BOBBY ANIL								
	3013	23212330492	SONAVALA ADARSH ANIL					Mr. Jagtap A. A.	"Agriculture Spray pump with Rotating Nozzle"	International Reserch Journal of Modernization in Engineering Technol;ogy and Science ISSN:2582-5208	
	3001	1709940234	BHOSALE PRATHMESH ARUN								e-



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

2.2.5 B Delivery of Appropriate Course Work by Industry Experts (05)

- Collaboration is made with industries for resources as well as man power sharing.
- Experts form industries are invited to deliver course contents or to overcome curricular gaps and ti inform about current industrial needs and practices.
- Following table shows details of Experts lectures.

CAY 2025-26

SR. NO.	Content/Mode	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO
1	Expert Lecture	23/09/2025	Mr. Dipak Prakashrao Khape, Assistant Manager – Quality Assurance, Bharat Forge Ltd., Baramati	58	PO1, ,PO3, ,PO7,PEO1
2	Expert Lecture	13/02/2026	Mr. Ganesh S. Kale (Dy. Executive Engineer, MSETCL, Akluj)	19	PO3, PO7,PO8,PEO3
3	Expert Lecture	23/02/2026	Mr. Rajendra M. Mane (Proprietor, Swastik Engineering Pvt. Ltd., Akluj)	100	PO1,PO5,PO7,PEO3

4	Expert Lecture	26/02/2026	Mr. Prashant Shinde Dattatray, Design Engineer, VDL Pvt. Ltd., Bhosari, Pune	19	PO5,PEO3
5	Expert Lecture	27/02/2026	Dr. Mangesh Mohan Vedpathak, M.Sc., Ph.D. in Environmental Science, Solapur University, Solapur	39	PO1,PO7.PEO2

CAYm1 2024-25:

SR. NO.	Content/Mode	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO
1	Expert Lecture	28-09-2024	Mr.Kumbhar Akshay Maruti Project Engg, Cu Bulid con Engg.Satara	74	PO1, ,PO3, ,PO7,PEO1
2	Expert Lecture	25-09-2024	Mr.Shinde Ranjit Rajaram Design Engg. AvantorsciencesPvt.Ltd,Pune	46	PO3, PO7,PO8,PEO3
3	Expert Lecture	15-02-2025	Dr.Vedpathak Mangesh Mohan	47	PO5,PO7,PEO3

CAY m22023-24:

SR. NO.	Content/Mode	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO
1	Expert Lecture	10-10-2023	Mr.Lawand Dnyaneshwar Somnath,Deputy ,Walchandnagar Indutseries, Walchandnagar	73	PO3,PO7, PO8,PSO1

2	Expert Lecture	28-10-2023	Mr.Shinde Ranjit Rajaram Design Engg. Avantorsciences Pvt.Ltd,Pune	129	PO3, PO7, PO8,PSO2
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C. Industrial visits/tours for students (3)

Institute Marks

3.00

2.2.5 C Industrial Visits/Tours for Students (03)

- To get idea about industrial practices and to provide exposure to working environment in industry, visits are organized to near by industries. Few courses as per MSBTE suggestions need industrial visits.
- Following table shows details of industrial visits:

CAY2025-26:

SR. NO.	Content/Mode	Date/Month/Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	19/09/2025	The Saswad Mali Sugar Factory Pvt,Ltd Malinagar	58	PO2,PO3,PO4,PO5,PO7,PO8,PEO1
2	Industrial Visit	16/02/2026	Eco Board Industries Pvt. Ltd. Velapur. 413113	100	PO2, PO4,PO8,PEO3
3	Industrial Visit	21/02/2026	Sai Engineering Pvt. Ltd.Malewadi, Akluj, Dist. Solapur	58	PO1,PO2,PO4,PEO3

CAY m1 2024-25:

SR. NO.	Content/Mode	Date/Month/Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	08-10-2024	The Saswad Mali Sugar Factory Pvt,Ltd Malinagar	49	PO2,PO3,PO4,PO5,PO7,PO8,PEO1
2	Industrial Visit	08-10-2024	Sai Engineering, Akluj	74	PO2, PO4,PO8,PEO3
3	Industrial Visit	03-03-2025	Sai Engineering, Akluj	91	PO1,PO2,PO4,PEO3
4	Industrial Visit	03-03-2025	MSRTC, Maharashtra-Akluj Bus Depot,Akluj	46	PO1,PO4,PO7,PEO2
5	Industrial Visit	03-03-2025	Matoshri Tyres and wheel Allignment, Akluj	74	PO2,PO4,PO7,PEO1

CAY m2 2023-24:

SR. NO.	Content/Mode	Date/Month/Year	Company Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	13-10-2023	Laxmi Drucken Komponenten Pvt Ltd MIDC Chincholi,Solapur	73	PO2,PO4,PO5 ,PO7,PO8
2	Industrial Visit	03-02-2024	Sai Engineering,Akluj	123	PO2 ,PO4,PO5 ,PO7,PO8

3	Industrial Visit	03-02-2024	Siddhivinayak wheel Allignment & Tyres,Akluj	69	PO2,PO3,PO4,PO5,PO7,PO8
4	Industrial Visit	15-02-2024	M/S Sai Udyog,Natepute	123	PO2,PO3,PO4,PO5,PO7,PO8

D. Industrial training/ internship (5)

Institute Marks

5.00

2.2.5 D. Industrial Training/ Internship (05)

- As per new curriculum of “I” Scheme of MSBTE emphasize on latest techniques and practical orientation in their respective discipline to enhance technical and personal abilities to face the industrial challenges. all are sent for industrial trainings in various industries.
- Following table shows details of industry based in-plant Training for Students:

CAY 2025-26:

SR. NO.	Industry Details	Purpose Of In plant Training	No. of students Completed In-Plant training	Duration	Pos & PSO Addressed
1	Girme Automotives, Malinagar	Industry Exposure	24	12 Week	PO1,PO71,PSO1
2	Sai Auto Engineering Akluj	Industry Exposure	23	12 Week	PO1,PO71,PSO1

CAYm1 2024-25:

SR. NO.	Industry Details	Purpose Of In plant Training	No.of students Completed In-Plant training	Duration	Pos & PSO Addressed

1	Girme Automotives, Malinagar	Industry Exposure	64	6 Week	PO1,PO71,PSO1
2	Shubhra Industries Loni MIDC, Indapur	Industry Exposure	59	6 Week	PO1,PO71,PSO1

CAY m22023-24:

SR. NO.	Industry Details	Purpose Of In plant Training	No.of students Completed In-Plant training	Duration	Pos & PSO Addressed
1	Girme Automotives, Malinagar	Industry Exposure	51	6 Week	PO1,PO71,PSO1
2	Dnyaneshwar Still & Engineering Work Akulj	Industry Exposure	42	6 Week	PO1,PO71,PSO1

E. Post training/ internship Assessment (10)

Institute Marks

10.00

2.2.5 E. Post Training / Internship Assessment (10)

- The Students are assessed after completion of training to verify the achievement of defined course outcome as well the expected skills and competencies the students.
- Post Training assessment includes following steps:
- Students are asked to submit the In-plant Training report to the concerned faculty mentor assigned to him/her
- The students have to present PPTs to check out the knowledge obtained during the training.
- The concerned Faculty Mentor and Industry supervisor award marks on the basis of format 4 (TW) and Format 5 (PR) as per assessment manual for industrial training given by MSBTE Curriculum.

Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Mechanical Engg. Department

Evaluation Sheet for PA of Industrial Training
Academic Year :- 2024-25
Industrial Training
Semester :- Fifth

Name Of Industry :- Shubhra Industries
Program :- MESI
Course Code :- 22057
Name of Faculty :- *M. Gunjyambekar V. P.*

Sr. No.	Enrollment No.	Name Of Students	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)									
			Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Total	Out of 25 (B)	Out of 20 (C)	Out of 75 (A+B+C)
1	23212330502	DHAIJE PRAKASH ARJUN	4	4	4	4	4	5	25	20	15	60
2	23212330503	ARJUN DADASO BAJARANG	4	4	4	4	4	5	25	18	15	58
3	23212330504	LONDHE VIKAS RAGHU	4	4	5	5	4	5	27	20	15	62
4	23212330505	SURYAWANSHI RUSHIKESH DADASAHEB	4	4	4	4	4	4	24	17	14	55
5	23212330506	SHINDE SUYASH DADASO	4	4	4	4	4	5	25	19	15	59
6	23212330507	JADHAV ADINATH TANAJI	4	4	4	5	5	5	27	23	18	68
7	23212330508	SARGAR RUPESH DHANAJI	3	3	4	4	5	4	23	12	10	45
8	23212330511	SALUNKHE SHRIKRUSHNA DATTATRAY	4	4	4	4	4	5	25	22	18	65
9	23212330512	LADE OMKAR SUNIL	4	4	5	5	5	5	28	22	18	68
10	23212330513	NIKAM PRATIK ANIL	4	3	3	3	3	3	19	18	13	50
11	23212330515	SHINDE RAVIRAJ SURESH	4	4	5	5	5	5	28	22	16	66
12	23212330516	WAGHMODE MAHADEV BABAN	4	4	4	4	4	4	24	15	13	52
13	23212330517	TIKOTE SANGHARSHA SANJAY	4	4	4	5	5	5	27	20	15	62
14	23212330518	WAGHMODE SHUBHAM BALASAHEB	4	4	4	4	4	5	25	22	18	65
15	23212330521	TAKALE GORAKH SHIVAJI	4	4	4	5	5	5	27	20	15	62
16	23212330522	THORAT SHANKAR VIKAS	4	4	4	4	4	5	25	22	17	64
17	23212330523	LOKHANDE SHIVTEJ SANJAY	4	4	4	4	4	5	25	20	15	60
18	23212330525	MARKAD TUSHAR KANTILAL	4	4	4	4	4	4	24	15	13	52

Name & Designation of the Mentor/ Faculty
M. Gunjyambekar V. P.

Name & Designation of the Industry Supervisor
A. V. Muley
Mias Muley V.

MSBTE format of evaluation sheet for PA of industrial Training

MSBTE format of evaluation sheet for ESE of industrial Training

Institute Marks

89/347



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

2.2.6.A. Availability of Facilities & Effective Utilization; specify the facilities, materials and scope for self-learning, Webinars, NPTEL Podcast, MOOC s 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

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

Institute Marks

5.00

2.2.6.B. Student Centric Learning Initiatives & Effective Implementation (05)

- Each Faculty member effectively utilizes ICT tools such as Smart board and LCD projectors for teaching.
- Apart from regular, remedial and extra lectures conducted for students.
- E-resources
- Final year students are asked to deliver seminar on Capstone Project as a part of their curriculum during fifth and final semester of their academic.

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

2.2.7.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 ME6K

CAY 2025-26:

SR. NO.	Activity	Topic	Date	Duration	Recourse Person With Designation	Number of Students	Relevance to Pos & PSO
1	One Day Workshop	Seminar on Auto CAD	04-09-2025	1 Day	Mr. Gitte Shushant & Ms. Gitte Priyanka	39	PO1, ,PO7,PSO1
2	Two Day workshop	Two-Wheeler EV Assembly & Maintenance – A Hands-on Workshop	20-02-2026 To 21-02-2025	4 Day	Mr. Sagar B. Magar (INDIES EV-TECH, Akluj)	58	PO1,PO7, PSO1

CAYm1 2024-25:

SR. NO.	Activity	Topic	Date	Duration	Recourse Person With Designation	Number of Students	Relevance to Pos & PSO
1	Guest Lecture	Road Safety Awareness	16-01-2025	1 Day	RTO Inspector, Akluj	91	PO1, ,PO7,PSO1
2	workshop	Soft skill Development& Technical Skills	22-09-2025 To 25-09-2025	4 Day	Mr.DhirajAlate2.Mr.Kartik, Trainer Consultant ,Theta Dynamics Pvt.Ltd.	19	PO1,PO7, PSO1

CAYm2 2023-24:

SR.	Activity	Topic	Date	Duration	Recourse Person	Number of	Relevance to Pos & PSO
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NO.					With Designation	Students	
1	Workshop	Auto-Cad and related to different types of Design Section	27/02/2024	1 Day	Mr.Sandip Zagade Info AutoTech India, Director, Baramati.	90	PO1,PO2,PO3,PO4,PO7,PSO1, PSO3

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

Institute Marks

7.00

2.2.7. 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. NO.	Activity	Topic	Date	Recourse Person With Designation	Number of Students	Relevance to Pos & PSO
1	Expert Lecture	Financial Aspects Regarding Startup	17/03/2026	Mr. SachinKhandave, Assistant Manager (Agri Officer) State Bank Of India, Akluj Branch	119	PO1,PO7,PSO1

CAYm1 2024-25:

SR. NO.	Activity	Topic	Date	Recourse Person With Designation	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	129	PO1,PO7,PSO1

CAYm2 2023-24:

SR. NO.	Activity	Topic	Date	Recourse Person With Designation	Number of Students	Relevance to Pos & PSO
1.	Motivational Lecture	Students Talks	01-02-2024	Mr.Avinash Bharti	91	PO1,PO7,PSO1
2	Motivational Lecture	“Shur Amhi Bandile”	03-02-2024	Ms.Anagha Modak	91	PO1,PO7,PSO1

2.2.8 Co-curricular & Extra Curricular Activities (10)

Institute Marks

10.00

2.2.8.Co-curricular& Extra-Curricular Activities (10)

Type of activities and relevance

(The institution may specify the co-curricular and extra-curricular activities-Quantify activities such as NCC, 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.

Co-curricular Activities:

Various co-curricular activities conducted are as below:

CAY 2025-26:

SR. NO.	Types of Activity & Details	Date	No./Name of Participating Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	CAD WAR	13-09-2025	01	SKN Sinhgad College of Engineering Korti, Pandharpur	Participants	State	PO1,PO3,PSO2,PSO3
2	War Lathe-	13-09-2025	05	SKN Sinhgad College of Engineering Korti, Pandharpur	Participants	State	PO1,PO7,PSO2,PSO3
3	War Lathe-	13-09-2025	02	SKN Sinhgad College of Engineering Korti, Pandharpur	Runner	State	PO1,PO7,PSO2,PSO3
4	Robo Race	18-09-2025	06	Shivaji Polytechnic College Sangola	Participants	State	PO1,PO3,PO7,PSO2,PSO3
5	Sketch Master	30-09-2025	53	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7,PSO2,PSO3
6	Project Competition	28-02-2026	07	Fabtech College Of engineering & Research(Poly),Sangola	Participants	State	PO1,PO7,PSO1,PSO2
7	Lathe War	28-02-2026	08	Fabtech College Of engineering & Research(Poly),Sangola	Participants	State	PO1,PO7,PSO2,PSO3

CAYm1 2024-25:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	CAD WAR	14-09-2024	23	Vidya Pratishthans (Poly) Indapur	Participants	State	PO1,PO3,PSO2,PSO3
2	Robo Race	30-09-2024	19	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7,PSO2,PSO3
3	Gyan Astra	30-09-2024	07	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7,PSO2,PSO3
4	Quiz Competition	25-02-2025	11	Karmyogi Institute Of technology (Poly),Shelve	Participants	State	PO1,PO7,PSO2,PSO3
5	Technical Quiz	28-02-2025	10	Fabtech College Of engineering & Research(Poly),Sangola	Participants	State	PO1,PO7,PSO2,PSO3

CAY m2 2023-24:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	Mech Mind	26-09-2023	26	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7,PSO2,PSO3
			03		Winner (First Price)	State	PO1,PO3,PO7,PSO2,PSO3

2	Gyan Astra(Quiz)	26-09-2023	25	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7,PSO2,PSO3
3	Quiz	21-10-2023	15	Fabtech College Of engineering & Research(Poly),Sangola	Participants	National	PO1,PO3,PO7,PSO2,PSO3
4	Paper Presentation	27-01-2024	02	SPM Polytechnic, Kumathe	Participants	State	PO1,PO3,PO7,PSO2,PSO3
5	Paper Presentation	02-02-2024	02	Sanjay Ghodwant Institute, Atigre	Participants	State	PO1,PO3,PO7,PSO2,PSO3
6	Quiz	06-02-2024	18	Shivaji Polytechnic, Atpadi	Participants	State	PO1,PO3,PO7,PSO2,PSO3
			01		Winner	State	PO1,PO3,PO7,PSO2,PSO3
7	Paper Presentation	27-02-2024	01	SVERI College Of engineering(Poly),Pandharpur	Winner	National	PO1,PO7,PSO2,PSO3
8	Quiz	27-02-2024	12	SVERI College of engineering (Poly),Pandharpur	Participants	State	PO1.PO3,PO7,PSO2,PSO3
9	Paper Presentation	02-03-2024	01	A.G.Patil Polytechnic Soalpur	3 rd Price	National	PO1,PO7,PSO2,PSO3
10	Project Idea Competition	19-03-2024	01	SMSMPITR, Akluj	Participants	State	PO1.PO3,PO7,PSO2,PSO3
11	Quiz	19-03-2024	10	SMSMPITR, Akluj	Participants	State	PO1.PO3,P O7,PSO2,PSO3

Extra curricular Activities: An Extracurricular Activity helps students with responsibility and time management. these activities help to improve the academic scores as well as social life. these activities are entirely instrumental in building up self-esteem and leadership quality.

Importance Of sports in college:-

1. Playing sports teaches life lessons like discipline, responsibility, self-confidence, accountability and teamwork.
2. Form a Social Standpoint, sports are a powerful tool that brings people together and creates a sense of community bonding.

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 Participate ting 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
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CAYm1 2024-25:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participate ting 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 Participate ting 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 Anniversary	28-11-2023	06	S.I.E.T(Poly), Paniv	PO5,PO7

Sports Participants of Students:-
CAY 2025-26:-

SR. NO.	Types of Activity & Details	Date	No./Name Of Participate ting Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	Kabbadi	30/12/2025	02	SIET Poly Paniv	Participant	Institute Level	PO7
2	Vollyball	31/12/2025	01	Goverment Polytechnic Pune	Participant	Zonal	PO7
3	Cricket	02/01/2026	01	SIET Poly Paniv	Participant	Institute Level	PO7
4	Wrestling	22/01/2026	02	Goverment Polytechnic Pune	Winner	Zonal	PO7
5	Wrestling	22/01/2026	01	Goverment Polytechnic Pune	Participant	Zonal	PO7
6	Wrestling	16/02/2026	01	Goverment Polytechnic Pune	Winner	Zonal	PO7
7	Wrestling	16/02/2026	01	Goverment Polytechnic	Participant	Zonal	PO7

CAYm1 2024-25:-

				Pune			

SR. NO.	Types of Activity & Details	Date	No./Name Of Participate ting Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	Weight Lifting	23-01-2025	01	SMSMPITR, Akluj	Participant	Zonal	PO7
2	Wrestling	23-01-2025	01	SMSMPITR, Akluj	Participant	Zonal	PO7

CAY m2 2023-24:-

SR. NO.	Types of Activity & Details	Date	No./Name Of Participate ting Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1	Wrestling	23-01-2024	01	MSBTE & SMSMPITR, Akluj	Participant	Inter zonal	PO7
2	Weight Lifting	23-01-2024	01	MSBTE & SMSMPITR, Akluj	Participant	Inter zonal	PO7
3	Volley Ball	31-01-2024	06	MSBTE & Government Poly,Solapur	Participant	Inter zonal	PO7
4	Kho-Kho	01-02-2024	04	MSBTE & Government Poly,Solapur	Participant	Inter zonal	PO7
5	Kabaddi	01-02-2024	06	MSBTE & Government Poly,Solapur	Participant	Inter zonal	PO7
6	Cricket	05-02-2024	03	MSBTE & SVERI College Of Engineering (Poly),Pandharpur	Participant	Inter zonal	PO7

Sr.No.	Activity	RelevancetoPOs
1	SportsActivities(IEDSSA)	PO5 , PO7

3	NSSActivities -TreePlantation -BloodDonationCamp -WomensHealthIssuesandCare -NSSCamp	PO5 , PO7
4	AzadikaAmritMahotsav	PO5 , PO7
5	Cultural activities	PO5 , PO7
6	Independence day	PO5 , PO7
7	RepublicDay	PO5 , PO7
8	MaharashtraDin	PO5 , PO7
9	SchoolConnectProgram	PO5 , PO7



Tree Plantation





Blood Donation Camp



Technical Event Robo Race



One Day State Level Workshop on “TO BUILDING WIND MILLATMINIMUM COST & SKY OBSERVATION”



Women's Health Issues and Care



NSS-Swachta Abhiyan



Meditation



Organizing Job Fair Activity for Final year purchasing diploma student

Cultural Activities:-





Mehendi Competition & Rangoli Competition



Traditional Day



Independence Day



Republic Day Celebration

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (100)

Total Marks 100.00

Define the Program specific outcomes

PSO1	Modern Software Usage: Use latest mechanical en
PSO2	Maintenance and selection of machines, equipmen
PSO3	Manage Mechanical Process: Manage the Mechan

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 01

Course Year :2022-23

Course Name	Statements
C1 01.1	Formulate grammatically correct sentences

C1 01.2	Summarise comprehension passages.
C1 01.3	Compose dialogues and paragraphs for different situations
C1 01.4	Use relevant word as per context.
C1 01.5	Deliver prepared speeches to express ideas, thoughts and emotions

Course Name :

C1 04

Course Year :

2022-23

Course Name	Statements
C1 04.1	Draw projections of 2D and 3D standard regular entities.
C1 04.2	Draw sectional views of objects.
C1 04.3	Draw orthographic sectional and missing views.
C1 04.4	Draw auxiliary views of objects.
C1 04.5	Use various drawing codes, conventions and symbols as per IS SP-46
C1 04.6	Draw free hand sketches of given engineering elements.

Course Name :

C2 06

Course Year :

2023-24

Course Name	Statements
C2 06.1	Identify properties of materials.
C2 06.2	Select relevant ferrous materials for mechanical components.
C2 06.3	Select relevant cast iron for the engineering application.
C2 06.4	Use non-ferrous metals for mechanical components.
C2 06.5	Suggest relevant advanced materials for mechanical components.
C2 06.6	Select relevant heat treatment processes.

Course Name :

C2 02

Course Year :

2023-24

Course Name	Statements
C2 02.1	Use relevant instrument for measuring displacement.
C2 02.2	Use relevant instrument for measuring force and torque.
C2 02.3	Use relevant pressure and temperature measuring instruments.
C2 02.4	Select relevant instruments for measurement of vibration and strain

C2 02.5	Select relevant instruments for speed and sound measurement.
C2 02.6	Select relevant instruments for speed and sound measurement.

Course Name :C3 04

Course Year :2024-25

Course Name	Statements
C3 04.1	Select suitable materials for designing machine elements.
C3 04.2	Design joints and levers for various applications.
C3 04.3	Design the power transmission elements like shafts, keys and couplings.
C3 04.4	Recommend the power screws and suitable fasteners for different applications.
C3 04.5	Choose springs for various applications.
C3 04.6	Select standard components with their specifications from manufacturer's catalogue.

Course Name :C3 03

Course Year :2024-25

Course Name	Statements
C3 03.1	Prepare vehicle layouts with chassis specification.
C3 03.2	Interpret power flow diagrams of transmission systems.
C3 03.3	Select suitable braking and steering systems for different applications.
C3 03.4	Select suspension system for different applications.
C3 03.5	Prepare simple electrical-electronic circuits for automobile systems.
C3 03.6	Select service tools for relevant service operation in automobile shops.

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 : C201

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101.1	1 ▾	1 ▾	- ▾	- ▾	- ▾	2 ▾	1 ▾
C101.2	1 ▾	1 ▾	- ▾	- ▾	- ▾	2 ▾	1 ▾
C101.3	1 ▾	1 ▾	- ▾	- ▾	- ▾	2 ▾	1 ▾
C101.4	1 ▾	1 ▾	- ▾	- ▾	- ▾	2 ▾	1 ▾

C101.5	1 ▾	1 ▾	- ▾	- ▾	1 ▾	2 ▾	1 ▾
Average	1.00	1.00	0.00	0.00	1.00	2.00	1.00

2 . course name : C204

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C104.1	3 ▾	3 ▾	- ▾	2 ▾	- ▾	2 ▾	2 ▾
C104.2	3 ▾	3 ▾	- ▾	2 ▾	- ▾	2 ▾	2 ▾
C104.3	3 ▾	3 ▾	- ▾	2 ▾	- ▾	2 ▾	2 ▾
C104.4	3 ▾	3 ▾	2 ▾	2 ▾	- ▾	2 ▾	2 ▾
C104.5	3 ▾	3 ▾	2 ▾	2 ▾	- ▾	2 ▾	2 ▾
C104.6	3 ▾	3 ▾	2 ▾	2 ▾	- ▾	2 ▾	2 ▾
Average	3.00	3.00	2.00	2.00	0.00	2.00	2.00

3 . course name : C306

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C206.1	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
C206.2	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
C206.3	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
C206.4	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
C206.5	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
C206.6	3 ▾	1 ▾	- ▾	1 ▾	- ▾	1 ▾	1 ▾
Average	3.00	1.00	0.00	1.00	0.00	1.00	1.00

4 . course name : C302

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C202.1	2 ▾	1 ▾	1 ▾	2 ▾	1 ▾	- ▾	2 ▾
C202.2	1 ▾	2 ▾	1 ▾	3 ▾	1 ▾	- ▾	1 ▾
C202.3	2 ▾	2 ▾	2 ▾	3 ▾	1 ▾	- ▾	2 ▾
C202.4	1 ▾	2 ▾	1 ▾	3 ▾	1 ▾	- ▾	1 ▾
C202.5	2 ▾	2 ▾	2 ▾	3 ▾	1 ▾	- ▾	1 ▾
C202.6	2 ▾	2 ▾	2 ▾	3 ▾	1 ▾	- ▾	1 ▾
Average	1.67	1.83	1.50	2.83	1.00	0.00	1.33

5 . course name : C404

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C304.1	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C304.2	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C304.3	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C304.4	2 ▾	3 ▾	2 ▾	- ▾	- ▾	1 ▾	- ▾
C304.5	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
C304.6	2 ▾	3 ▾	2 ▾	- ▾	- ▾	- ▾	- ▾
Average	2.00	3.00	2.00	0.00	0.00	1.00	0.00

6 . course name : C403

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C303.1	3 ▾	1 ▾	- ▾	2 ▾	1 ▾	- ▾	1 ▾
C303.2	3 ▾	1 ▾	- ▾	2 ▾	1 ▾	- ▾	2 ▾
C303.3	3 ▾	1 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C303.4	3 ▾	1 ▾	2 ▾	2 ▾	2 ▾	2 ▾	2 ▾
C303.5	3 ▾	1 ▾	2 ▾	2 ▾	2 ▾	- ▾	2 ▾
C303.6	3 ▾	2 ▾	2 ▾	3 ▾	2 ▾	1 ▾	2 ▾
Average	3.00	1.17	2.00	2.17	1.67	1.67	1.83

1 . Course Name : C201

Course	PSO1	PSO2	PSO3
C101.1	- ▾	- ▾	- ▾
C101.2	- ▾	- ▾	- ▾
C101.3	1 ▾	1 ▾	- ▾
C101.4	- ▾	- ▾	- ▾
C101.5	1 ▾	1 ▾	- ▾
Average	1.00	1.00	0.00

2 . Course Name : C204

Course	PSO1	PSO2	PSO3
C104.1	- ▾	2 ▾	1 ▾

C104.2	-	2	1
C104.3	-	2	1
C104.4	-	2	-
C104.5	-	2	1
C104.6	-	2	1
Average	0.00	2.00	1.00

3 . Course Name : C306

Course	PSO1	PSO2	PSO3
C206.1	2	-	-
C206.2	2	-	-
C206.3	2	-	-
C206.4	2	-	-
C206.5	2	-	-
C206.6	2	-	-
Average	2.00	0.00	0.00

4 . Course Name : C302

Course	PSO1	PSO2	PSO3
C202.1	-	1	-
C202.2	-	1	-
C202.3	-	1	-
C202.4	-	1	-
C202.5	-	2	-
C202.6	-	2	-
Average	0.00	1.33	0.00

5 . Course Name : C404

Course	PSO1	PSO2	PSO3
C304.1	-	3	2
C304.2	-	2	3
C304.3	-	2	3

C304.4	3	▼	3	▼	2	▼
C304.5	3	▼	2	▼	2	▼
C304.6	-	▼	3	▼	2	▼
Average	3.00		2.50		2.33	

6 . Course Name : C403

Course	PSO1		PSO2		PSO3	
C303.1	-	▼	3	▼	-	▼
C303.2	-	▼	2	▼	1	▼
C303.3	-	▼	2	▼	2	▼
C303.4	-	▼	2	▼	-	▼
C303.5	-	▼	2	▼	-	▼
C303.6	-	▼	3	▼	1	▼
Average	0.00		2.33		1.33	

3.1.3 - A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks

10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C111	1.00	1.00	0.00	0.00	0.00	2.00	1.00
C112	3.00	1.67	1.00	2.00	1.50	1.00	1.00
C113	3.00	1.00	1.00	1.00	1.00	1.00	1.00
C114	1.50	2.00	1.00	2.50	0.00	0.00	1.40
C115	3.00	0.00	2.00	2.00	0.00	2.00	1.50
C116	3.00	0.00	0.00	2.80	1.40	3.00	1.00
C121	3.00	1.20	1.00	1.17	1.50	1.00	1.67
C122	1.67	2.67	1.80	1.83	0.00	0.00	0.00
C123	3.00	2.40	1.00	1.00	1.20	1.00	1.40
C124	3.00	3.00	2.00	2.00	0.00	2.00	2.00
C125	1.60	1.00	1.00	0.00	1.00	3.00	1.00
C126	3.00	0.00	0.00	2.80	1.40	3.00	1.00

C231	3.00	3.00	2.00	1.50	1.17	0.00	2.17
C232	1.17	1.00	1.00	1.33	0.00	0.00	1.00
C233	3.00	1.00	0.00	1.00	0.00	1.00	1.00
C234	3.00	2.00	1.00	0.00	0.00	0.00	0.00
C235	1.83	1.83	1.67	2.83	1.00	0.00	1.67
C236	3.00	1.00	0.00	1.00	0.00	1.00	1.00
C241	3.00	2.00	1.50	1.83	1.33	0.00	1.50
C242	1.67	1.83	1.50	2.83	1.00	0.00	1.33
C243	3.00	2.00	1.50	1.40	1.00	0.00	1.50
C244	3.00	2.00	2.00	2.00	0.00	2.00	2.00
C245	1.00	1.50	2.00	0.00	3.00	1.80	2.60
C247	1.71	1.00	1.00	1.00	1.00	1.00	1.00
C248	3.00	0.00	2.17	2.17	1.00	0.00	2.17
C351	2.80	2.00	1.00	0.00	0.00	2.00	1.40
C352	3.00	2.00	1.60	1.60	1.00	0.00	0.00
C353	3.00	2.00	2.00	2.00	1.00	1.00	0.00
C354	2.00	3.00	2.00	0.00	0.00	1.00	0.00
C355	3.00	0.00	0.00	2.17	2.83	2.50	2.00
C356	3.00	2.00	0.00	0.00	2.00	1.00	3.00
C357	2.00	1.43	1.00	0.00	1.00	1.00	0.00
C358	1.00	1.83	2.33	0.00	0.00	0.00	0.00
C361	3.00	0.00	2.20	2.20	3.00	0.00	3.00
C362	2.00	0.00	0.00	1.00	1.00	1.00	0.00
C363	3.00	1.17	2.00	2.17	1.67	1.67	1.83
C364	2.20	1.00	0.00	1.00	0.00	0.00	0.00
C365	1.00	2.17	3.00	0.00	0.00	0.00	0.00
C366	2.40	1.00	0.00	2.00	1.33	1.00	1.00
C367	2.33	1.00	0.00	2.00	1.33	1.00	1.00

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

Course	PSO1	PSO2	PSO3
C111	1	1	0
C112	1	1	1
C113	1	1	1
C114	1	0	1
C115	2	0	0
C116	0	2.6	2.2
C121	1	1	1
C121	0	2	1.67
C123	0	2	2.2
C124	0	2	1
C125	1	0	1.5
C126	0	2.6	2.2
C231	0	2	0
C232	1.5	1.67	2
C233	1.67	1.67	0
C234	2.6	2.4	0
C235	2	1	0
C236	2	0	0
C241	0	1	1
C242	0	1.33	0
C243	3	3	0
C244	2	3	3
C245	0	1	1
C246	3	2	1
C247	1.67	1.67	1.67
C351	0	0	1
C352	2	1.4	1.6
C353	3	2.5	2.33
C354	1	0	1.5

C355	0	1.17	1.2
C356	3	0	2
C357	0	0	0
C358	3	2	1
C361	2	2	1.5
C362	3	3	3
C363	0	2.33	1.33
C364	3	3	3
C365	0	3	0
C366	0	2.4	1.4
C367	0	2.22	1.56

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. A 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. Term work/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

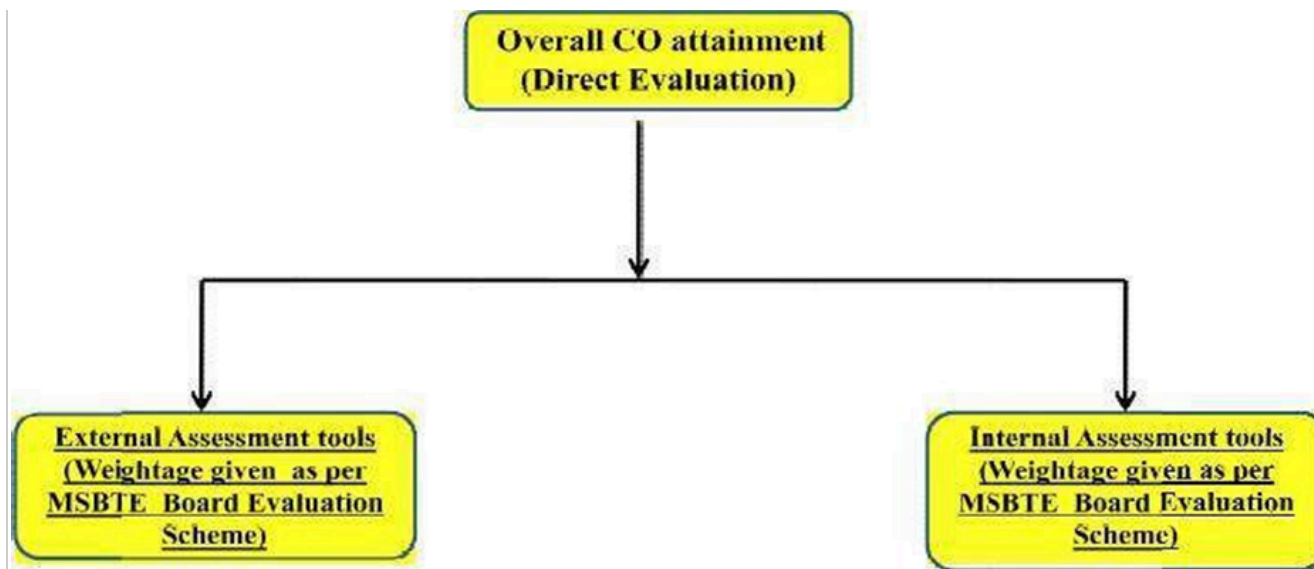


Figure No. 3.2.1.1 Assessment Rubric used for Evaluation of Overall CO attainment

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's (Board's) Evaluation Scheme / assessment plan.

3.2.1 B 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.B - 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.	PO1 to PO7, PSO1 to PSO3	Twice per Semester
			Online Unit tests are conducted by Board (MSBTE) for some courses		

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 which CO attainment is calculated from total marks of Unit Test I & II, which is considered same for each CO of the course. CO attainment for micro project is calculated from total marks, which is considered same for each CO of the respective course.	PO1 to PO7, PSO1 to PSO3	Continuous
		For Practical/Lab courses, These are considered under Practical Progressive assessment head i.e. PR-PA with 40% weightage of total marks.	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.		
Direct/Internal	Internal Practical Examination	Internal Practical Examination is carried out for lab-work/tutorial of some the	Assessment Head- PR-ESE_I Scheme		
		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	Examination is carried out as per the scheme of board. CO 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.	PO1 to PO7, PSO1 to PSO3	Once per Semester
Direct/Internal	Progressive assessment of Practical lab work/ Assignment/ Tutorials	Continuous assessment of lab manual/lab. work/assignment/Tutorial are carried out as per suitable rubrics and associated guidelines given in the	Assessment Head- PR- PA_I Scheme CO attainment for Practical's Progressive assessment is calculated from total marks obtained against head PR-PA/TW,	PO1 to PO7,	Continuous

/Capstone Project	curriculum/manual by board	which is considered same for each CO of the respective course.	PSO1 to PSO3	
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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_G Scheme / 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 courses as Co-wise break up of marks is unavailable from Board.	PO1 to PO7, PSO1 to PSO3	Once per Semester
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3.2.1.B 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 guidelines 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 class tests (C Test I & C Test II) are conducted respective courses per semester through offline and online mode, 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 dated 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.20marks 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 Progressive assessment 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:

Table No. 3.2.1.3.1 Overall CO assessment Plan for Power Plant Engineering (22566) Course ME5I Class, New Rev. of syllabus- I- Scheme, A. Y. 2024-25)

CO ASSESSMENT TOOL FOR DIRECT EVALUATION	TH-PA			PR-PA	PR-ESE	TH-ESE	TOTAL
	C.Test I	C. Test II	Micro Project	PA_Term Work	Practical Exam	E.S.E Board	
Maximum Marks As Per Teaching Scheme /Course Evaluation Plan	20		10	50	50	70	200
Individual Weightage (%)	10		5	25	25	35	100

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 passing out batches of students is greater than 95% of the maximum attainment 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.A Set Attainment levels against set targets for Various Assessment tools

Assessment Tools	Attainment Levels against set target* (Note1)	
Class Test I & II (TH- PA)	Level 1	a. For offline-40% of students scoring more than 40% of maximum marks b. For online-40% of students scoring more than 40% of maximum marks
	Level 2	a. For offline 45% of students scoring more than 40% of maximum marks b. For online-45% of students scoring more than 40% of maximum marks
	Level 3	a. For offline 50% of students scoring more than 40% of maximum marks b. For online-50% of students scoring more than 40% of maximum marks
*MSBTE ESE Examination (TH- ESE)	Level 1	a. For offline-40% of students scoring more than TSI marks i.e.Board's average marks for given course b. For online-40% of students scoring more than TSI marks i.e.Board's average marks for given course
	Level 2	a. For offline 45% of students scoring more than TSI marks i.e.Board's average marks for given course b. For online-45% of students scoring more than TSI marks i.e.Board's average marks for given course

	Level 3	a. For offline 50% of students scoring more than TSI marks i.e.Board's average marks for given course b. For online-50% of students scoring more than TSI marks i.e.Board's average marks for given course
*Micro Projects	Level 1	a. For offline-60% of students scoring more than 60% of maximum marks b. For online-60% of students scoring more than 60% of maximum marks
	Level 2	a. For offline 70% of students scoring more than 70% of maximum marks b. For online-70% of students scoring more than 70% of maximum marks

	Level 3	a. For offline 80% of students scoring more than 80% of maximum marks b. For online-80% of students scoring more than 80% of maximum marks
Progressive assessments of Practical/Term work/capstone Project(TW/PR-PA)	Level 1	a. For offline-60% of students scoring more than 60% of maximum marks b. For online-60% of students scoring more than 60% of maximum marks
	Level 2	a. For offline 70% of students scoring more than 70% of maximum marks b. For online-70% of students scoring more than 70% of maximum marks
	Level 3	a. For offline-80% of students scoring more than 80% of maximum marks b. For online-80% of students scoring more than 80% of maximum marks

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

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

Ex. Figure No. 3.2.2.1. Depicts the sample example of Overall CO attainment of Power Plant Engineering

Overall Course CO Attainment

Final Direct Course Attainment Calculation

COs	Internal			External	
	Class Tests	PA Term	Microproject	PR-ESE	E.S.E Board
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	0	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	0	3	3	3	3
Average Attainment	2	3	3	3	3

Individual Weightage	13.33	16.67	6.67	16.67	46.67
Direct Total	0.266	0.5	0.2	0.5	1.4
Total Direct Course Attainment					2.86
Overall Weightage					100%
Final Direct Course Attainment					2.86
Overall Course CO Attainment (B)					2.86

Ex: Figure No. 3.2.2.1 Weighted Average Overall CO attainment for Course C22566- Power Plant Engineering (22566)

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.

External Evaluation of Semester Board Examination Direct Assesment

Academic Year :- 2024-25
Course :- Power Plant Engineering (22566)
Semester :- V

Sr. No.	Enrollment No	Name of student	End sem Board Exam Max.marks 70
1	2109940060	BHOSALE TUSHAR RAMCHANDRA	31
2	2209940242	JADHAV SIDDHI MAHESH	18
3	2209940253	KHANDALKAR PRATHAMESH KAILAS	15
4	2209940259	LENGARE GIRISH GOPAL	10
5	2209940260	LOKARE RITESH RAVINDRA	64
6	2209940269	MUTKULE SOHAM SANTOSH	28
7	2209940287	SHELAKE ABHISHEK ANKUSH	30
8	2209940290	SOLANKAR RUTURAJ BHARAT	11
9	22099040299	WAGHMODE AKASH TANAJI	28
10	23212330512	LADE OMKAR SUNIL	2
11	23212330515	SHINDE RAVIRAJ SURESH	4
12	23212330527	BANKAR VISHAL TANAJI	28
13	23212330532	INGOLE ANIKET ARJUN	19@
14	23212330540	MADANE ANANDA HANUMANT	28
Set Competency Target as boards TSI			28
No of Students above set Target			8

Benchmark of Attainment Level Against Target/ Compe			No of Students		Level
Level	% of Students more than set target	40	14	5	1
	% of Students more than set target	45		6	2
	% of Students more than set target	50		7	3

Co wise Attainment for End Sem Exam	Co 1	Co 2	Co 3	Co 4	Co 5	Co 6
Attainment Level	3	3	3	3	3	3

Internal Evaluation of PA- Practical Work, Microproject, PR-ESE DirectAssesment

Academic Year :- 2024-25					
Course :- Power Plant Engineering (22566)					
Semester :- V					
Sr. No.	Enrollment No	Name of student	Microproject evaluation Max.marks	Progressiv Assesment (PR-PA) Max.marks	Practical End Sem Exam (PR-ESE) Max.marks
			10	25	25
1	2109940060	BHOSALE TUSHAR RAMCHANDRA	8	22	23
2	2209940242	JADHAV SIDDHI MAHESH	8	22	21
3	2209940253	KHANDALKAR PRATHAMESH KAILAS	8	22	22
4	2209940259	LENGARE GIRISH GOPAL	8	21	21
5	2209940260	LOKARE RITESH RAVINDRA	8	23	23
6	2209940269	MUTKULE SOHAM SANTOSH	8	23	23
7	2209940287	SHELAKE ABHISHEK ANKUSH	8	22	21
8	2209940290	SOLANKAR RUTURAJ BHARAT	8	21	21
9	2209940299	WAGHMODE AKASH TANAJI	8	23	23
10	23212330512	LADE OMKAR SUNIL	7	22	22
11	23212330515	SHINDE RAVIRAJ SURESH	7	22	23
12	23212330527	BANKAR VISHAL TANAJI	7	22	23
13	23212330532	INGOLE ANIKET ARJUN	8	22	22
14	23212330540	MADANE ANANDA HANUMANT	8	23	23
Set Competency Target as % marks for each criteria 60			6	15	15
No of Students above set Target			14	14	14

Benchmark of Attainment Level Against Target/ Compe			No of Students		level
Level	% of Students more than set target	40	14	5	1
	% of Students more than set target	45		6	2
	% of Students more than set target	50		7	3

Co wise Attainment level	Co 1	Co 2	Co 3	Co 4	Co 5	Co 6
Microproject	3	3	3	3	3	3
PR-PA	3	3	3	3	3	3
PR-ESE	3	3	3	3	3	3

Over All CO Attainment
Academic Year :- 2024-25
Course :- Power Plant Engineering (22566)
Semester :- V

Direct CO Assesment Toll /Course Evaluation Plan	TH-PA			PR-PA	PR-ESE	TH-ESE	Total
	CT-1	CT-2	Micro	PA Term	Practical	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	Microproject	PR-ESE	E.S.E Board
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	0	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	0	3	3	3	3
Average Atteniment	2	3	3	3	3
Individual Weightage	13.33	16.67	6.67	16.67	46.67
Direct Total	0.266	0.5	0.2	0.5	1.4
Total Direct Course Attainment					2.86
Overall Weightage					100%
Final Direct Course Attainment					2.86
Overall Course CO Attainment (B)					2.86

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Figure No. 3.2.2.2 DETAIL PROCEDURE OF CO ATTAINMENT CALCULATION FOR UNIT TEST, ESE TEST, TW & PR ASSESSMENT TOOL

Table No.3.2.2.2 – OVERALL CO ATTAINMENT FOR ALL COURSES OF BATCH2022-25 (I-SCHEME)

OVERALL CO ATTAINMENT FOR ALL COURSES OF BATCH 2019-22 (ISCHEME)			
Sr. No.	Semester	Course Name & NBA Course Code	Overall CO Attainment
1	First Semester A Y 2022-23	C22101-English	1.52
2		C22102-Basic Science	2.40
3		C22103-Basic Mathematics	2.52
4		C22001-Fundamentals of ICT	0.60
5		C22002-Engineering Graphics	0.60
6		C22004-Workshop Practice	2.50
7	Second Semester A Y 2022-23	C22202-Applied Science	1.83
8		C22203-Applied Mechanics	2.06
9		C22206-Applied Mathematics	1.78
10		C22207-Engineering Drawing	2.86

10	2022-23	C22009-Business communication using computer	1.26
11		C22010- Mechanical Engineering Workshop	1.50
12			
13	Third Semester A Y 2023-24	C22306-Strength of Materials	1.29
14		C22310-Basic Electrical & Electronics	1.32
15		C22337-Thermal Engineering	1.31

16		C22341-Mechanical Working Drawing	1.52
17		C22342-Engineering Metrology	1.22
18		C22343-Mechanical Engineering Materials	1.51
19	Fourth Semester A Y 2023-24	C22438- Theory of Machines	1.49
20		C22443- Mechanical Engineering Measurement	1.20
21		C22445- Fluid mechanics and Machinery	2.67
22		C22446- Manufacturing Processes	1.20
23		C22447- Environmental Studies	0.66
24		C22042- Computer Aided Drafting	3.00
25		C22048- Fundamentals of Mechatronics	3.00
26	Fifth Semester A Y 2024-25	C22509- Management	3.00
27		C22562- Power Engineering and Refrigeration	2.97
28		C22563- Advanced Manufacturing Processes	2.92
29		C22564- Elements of machine Design	2.95
30		C22566- Power Plant Engineering	2.86
31		C22053- Solid Modeling and Additive Manufacturing	3.00
32		C22049- Industrial Training	3.00

33		C22050- Capstone Project Planning	3.00
34	Sixth Semester A Y 2024-25	C22652- Emerging trends in Mechanical Engineering	3.00
35		C22655- Industrial Hydraulics and Pneumatics	2.98
36		C22656- Automobile Engineering	2.89
37		C22657- Industrial Engineering & Quality Control	3.00

38		C22661- Renewable Energy Technology	3.00
39		C22032- Entrepreneurship Development	3.00
40		C22060- Capstone Project Execution	3.00

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

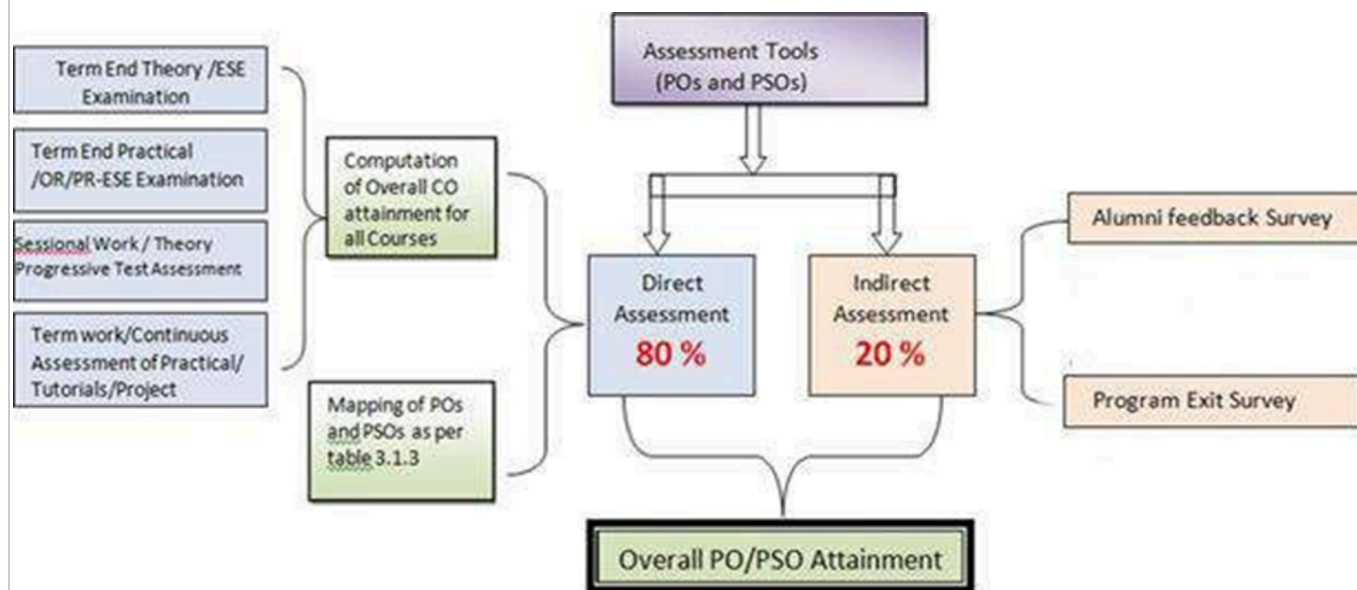


Figure No.3.3.1.1: Assessment Tools and Process used for Assessing the Attainment of each**POs and PSOs**

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% weightage to indirect assessment. This Rubrics for PO/PSO attainment process consists 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 articulation matrix for corresponding course. Detail CO assessment rubric is used to evaluate Overall CO attainment of respective Course has already been explained with example in article 3.2.1. All Assessment tools are listed in the clause 3.2.

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.3.3.1.1.1 shows the direct assessment of POs/PSOs of C22566 - Power Plant Engineering (PPE-22566) as a sample given below:

CO-Po Matrix for C22566- Power Plant Engineering

Ex. Figure No.3.3.1.1 shows the direct assessment of POs/PSOs of C22566 - Power Plant Engineering (PPE-22566) as a sample given below:

CO-Po Matrix for C22566- Power Plant Engineering

CO		Basic & Discipline Knowledge	Problem Analysis	Design/ Development of solution	Engineering Tool	Engg. Practices for Society, Env.	Project Management	Life long Learning	Modern Software Usage	Maintenance and Selection of Machines, Equipment, Instruments	Manage Mechanical Process
Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	C22652.1	3	-	-	2	3	2	2	-	1	1
2	C22652.2	3	-	-	2	3	3	2	-	2	2
3	C22652.3	3	-	-	2	3	2	2	-	1	1
4	C22652.4	3	-	-	2	3	3	2	-	1	1
5	C22652.5	3	-	-	3	2	3	2	-	1	1
6	C22652.6	3	-	-	2	3	2	2	-	1	-
Average Target Level (A)		3	-	-	2.17	2.83	2.5	2	-	1.17	1.2

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Tests	PA Term	Microproject	PR-ESE	E.S.E Board
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	0	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	0	3	3	3	3
Average Attainment	2	3	3	3	3

Individual Weightage	13.33	16.67	6.67	16.67	46.67						
Direct Total	0.266	0.5	0.2	0.5	1.4						
Total Direct Course Attainment					2.86						
Overall Weightage					100%						
Final Direct Course Attainment					2.86						
Overall Course CO Attainment (B)					2.86						
Direct CO-PO/PSO Actual Attainment Level =(A*B)/3	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	
	2.9	-	-	2.1	2.7	2.4	1.9	-	1.1	1.1	

Figure No 3.3.1.1.1-Direct assessment of POs/PSOs of C22566 – POWER PLANT ENGINEERING COURSE (PPE-22566)

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

3.3.1.2 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.

In feedback survey, responses are analyzed with the help of suitable rubrics of rating

Scale as: 5- Excellent, 4-Very good, 3- Good, 2-poor, 1-Very Poor &

Normalized it as out of 3 as below:

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 TAL- MALSHIRAS, DIST- SOLAPUR-413113



(Approved by AICTE, New Delhi and Affiliated to MSBTE, Mumbai)

Program Exit Survey Form

POs & PSOs- Indirect Survey				
Program :- Mechanical Engineering			Date:	
Name of Student:				
Enrollment No:				
Batch:				
Dear Alumni, We Kindly request you to provide your valueable feedback related to Pos & PSOs. 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. Please rate our alumni in request to the following aspects.				
Rating: 1 for Slight (Low), 2 for Moderate (Medium), 3 for Substantial (High)				
Q. No.	Questionnaire	slight 1	Moderate 2	Substantial 3
1	Ability to apply knowledge of mathematics basic science & engineering Science.			
2	Ability to identify, Formulate & solve engineering problems.			
3	Ability to design of system components or process to improve its.			
4	Ability to apply various tools,conduct experiments & techniques to improve efficiency of the system.			
5	Ability to apply appropriate technology in context of society, sustainability, environment & ethical practices.			
6	Ability to use engg. Management as a team member or leader to manage project& effectively communicate.			

7	Ability to continue professional development & learning as a life long activity.			
8	How well did the software taught during your course prepare you for the latest industry standards in mechanical design and manufacturing?			
9	How effectively did your curriculum prepare you to select machinery based on technical specifications such as load capacity, and power efficiency etc.			
10	How confident do you feel in choosing the right sequence of operations to finish a job in the shortest time possible.			

SHRIRAM SHIKSHAN SANSTHA'S
SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (POLY.) PANIV
 TAL- MALSHIRAS, DIST- SOLAPUR-413113



(Approved by AICTE, New Delhi and Affiliated to MSBTE, Mumbai)

Alumini Feedback Form

POs & PSOs- Indirect Survey				
Program :- Mechanical Engineering		Date:		
Name of Student: Batch: Current Position: Contact No. / Mail Id:				
Dear Alumini, We Kindly request you to provide your valueable 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 1	Moderate 2	Substantial 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	How relevant is the software you learned in college to the latest versions currently used in the mechanical industry?			
9	How relevant were the maintenance procedures and measurement tools taught in college to the actual machines you manage in the industry today?			
10	How effectively can you apply the planning and process management skills learned in college to your current industrial role?			

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

Table No.-3.3.1.2.1 Indirect PO & PSO attainment

SHRIRAM SHIKSHAN SANSTHA'S											
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Indirect PO & PSO Attainment											
Sr. No.	Feedback Analysis for Indirect Evaluation	Average									
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	PROGRAM EXIT SURVEY ANALYSIS	2.45	2.27	2.36	2.18	1.91	2.27	2.27	1.82	2.09	2.45
2	ALUMINI SURVEY ANALYSIS	2.23	2.47	2.00	2.54	2.61	1.85	2.47	2.30	2.47	2.31
Average Attainment of POs & PSOs by Indirect Assessments		2.34	2.37	2.18	2.36	2.26	2.06	2.37	2.06	2.28	2.38

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
C111	0.51	0.51	PO3	PO4	0.51	1.01	0.51
C112	2.40	1.34	0.80	1.60	1.20	0.80	0.80
C113	2.52	0.84	0.84	0.84	0.84	0.84	0.84
C114	0.30	0.40	0.20	0.50	PO5	PO6	0.28
C115	0.60	PO2	0.40	0.40	PO5	0.40	0.30
C116	0.83	0.83	PO3	PO4	0.83	0.67	0.83
C121	1.83	0.73	0.61	0.71	0.93	0.61	1.02
C122	1.15	1.83	1.24	1.26	PO5	PO6	PO7
C123	1.78	1.78	1.19	0.89	0.69	PO6	1.29
C124	2.86	2.86	1.90	1.90	PO5	2.86	2.86
C125	0.67	0.42	0.42	PO4	0.42	1.26	0.42
C126	1.50	PO2	PO3	1.40	0.70	1.50	0.50
C231	1.31	1.31	0.87	0.66	0.51	PO6	0.95
C232	0.50	0.43	0.43	0.57	PO5	PO6	0.43
C233	1.40	1.40	0.93	0.70	0.55	PO6	1.01
C234	1.41	0.94	0.47	PO4	PO5	PO6	PO7
C235	0.81	0.81	0.74	1.25	0.44	PO6	0.74
C236	1.53	0.51	PO3	0.51	PO5	0.51	0.51
C241	0.83	0.91	0.75	1.41	0.50	PO6	PO7
C242	0.67	0.73	0.60	1.13	0.40	PO6	PO7

C243	1.49	1.63	1.34	2.52	0.89	PO6	1.18
C244	1.20	0.80	0.80	0.80	PO5	PO6	PO7
C245	0.22	0.33	0.44	PO4	0.66	0.40	0.57
C246	1.71	1	1	1	1	1	1
C247	3	PO2	2.17	2.17	1	PO6	2.17
C351	2.80	2	1	PO4	PO5	2	1.40
C352	2.97	1.98	1.58	1.58	0.99	PO6	PO7
C353	2.92	1.94	1.94	1.94	0.97	PO6	PO7
C354	1.97	2.95	1.97	PO4	PO5	0.98	PO7
C355	2.86	PO2	PO3	2.07	2.70	2.38	1.91
C356	3	2	PO3	PO4	2	1	3
C357	2	1.43	1	PO4	1	1	PO7
C358	1	1.83	2.33	PO4	PO5	PO6	PO7
C361	3	PO2	2.20	2.20	3	PO6	3
C362	1.99	PO2	PO3	0.99	0.99	0.99	PO7
C363	2.89	1.13	1.93	2.09	1.61	1.61	1.76
C364	2.20	1	PO3	1	PO5	PO6	PO7
C365	1	2.17	3	PO4	PO5	PO6	PO7
C366	2.40	3	1	PO4	PO5	PO6	1
C367	2.33	1	PO3	2	1.33	1	1

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	1.71	1.32	1.16	1.29	1.03	1.14	1.16
InDirect Attainment	2.34	2.37	2.18	2.36	2.26	2.06	2.37
PO Attainment	1.84	1.53	1.36	1.50	1.28	1.32	1.40

PSO Attainment

Course	PSO1	PSO2	PSO3
C111	0.51	0.51	PSO3
C112	0.80	0.80	0.80
C113	0.84	0.84	0.84
C114	0.20	PSO2	0.20
C115	0.40	PSO2	PSO3
C116	0.83	0.83	PSO3
C121	0.61	0.61	0.61
C122	PSO1	1.37	1.15
C123	PSO1	1.19	PSO3
C124	PSO1	2.86	0.95
C125	0.42	PSO2	0.63
C126	PSO1	1.30	1.10
C231	PSO1	0.87	PSO3
C232	PSO1	0.72	PSO3
C233	PSO1	0.93	PSO3
C234	1.22	1.13	PSO3
C235	0.89	0.44	PSO3
C236	1.02	PSO2	PSO3
C241	PSO1	0.66	PSO3
C242	PSO1	0.53	PSO3
C243	PSO1	1.18	PSO3
C244	0.80	1.20	1.20
C245	PSO1	0.22	0.22
C247	3	2	1
C248	1.67	1.67	1.67
C351	PSO1	PSO2	1
C352	1.98	1.39	1.58
C353	2.92	2.43	2.26
C354	0.98	PSO2	1.48

C355	PSO1	1.12	1.14
C356	3	PSO2	2
C357	PSO1	PSO2	PSO3
C358	3	2	1
C361	2	2	1.5
C362	2.98	2.98	2.98
C363	PSO1	2.24	1.28
C364	3	3	3
C365	PSO1	3	PSO3
C366	PSO1	2.40	1.40
C367	PSO1	2.22	1.56

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	1.50	1.46	1.30
InDirect Attainment	2.06	2.28	2.38
PSO Attainment	1.61	1.62	1.52

4 STUDENTS' PERFORMANCE (200)

Total Marks 84.38

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)	120	120	120	120	120	120
Total number of students, admitted through state level counseling (N1)	61	93	63	100	23	21
Number of students, admitted through Institute level quota (N2)	0	0	0	0	0	0
Number of students, admitted through Lateral Entry (N3)	0	11	26	63	114	27

Total number of students admitted in the programme(N1 + N2 + N3)	61	104	89	163	137	48
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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	61	0	0	0
2024-25	104	10	0	0
2023-24	89	3	4	0
2022-23 (LYG)	163	14	2	2
2021-22 (LYGm1)	137	12	2	0
2020-21 (LYGm2)	48	4	21	0

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	61	0	0	0
2024-25	104	30	0	0
2023-24	89	22	18	0
2022-23 (LYG)	163	67	73	10
2021-22 (LYGm1)	137	18	72	1
2020-21 (LYGm2)	48	18	38	0

4.1 Enrolment Ratio (20)

Total Marks 12.00

Institute Marks
12.00

	N (From Table 4.1)	N1 + N2 (From Table 4.1)	Enrollment Ratio [(N1 + N2 / N)*100]
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2025-26	120	61	50.83
2024-25	120	93	77.50
2023-24	120	63	52.50

Average [(ER1 + ER2 + ER3) / 3] : 60.28

Assessment : 12.00

4.2 Success Rate in the stipulated period of the program (60)

Total Marks 0.70

4.2.1 Success rate without backlogs in any year of study (40)

Institute Marks
0.00

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)	163.00	137.00	48.00
Number of students who have graduated without backlogs in the stipulated period (Y)	2.00	0.00	0.00
Success Index [SI = Y / X]	0.01	0.00	0.00

Average SI [(SI1 + SI2 + SI3) / 3] : 0.00

Assessment [40 * Average SI] : 0.00

4.2.2 Success rate in stipulated period (20)

Institute Marks
0.70

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 level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	163.00	137.00	48.00

Number of students who have passed in the stipulated period (Y)	10.00	1.00	0.00
Success Index [SI = Y / X]	0.06	0.01	0.00

Average SI[(SI1 + SI2 + SI3) / 3]: 0.04

Assessment [20 * Average SI] : 0.70

4.3 Academic Performance in First Year (25)

Total Marks 7.22

Institute Marks
7.22

Academic Performance	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	6.64	6.33	6.44
Total number of successful students(Y)	30.00	22.00	67.00
Totalnumber of students appeared in the examination(Z)	93.00	63.00	100.00
API [X*(Y/Z)]:	2.14	2.21	4.31

Average API [(AP1 + AP2 + AP3)/3] : 2.89

Assessment [2.5 * AverageAPI] : 7.22

4.4 Academic Performance in Second Year (20)

Total Marks 5.60

Institute Marks
5.60

Academic Performance	2023-24(CAYm2)	2022-23(CAYm3)	2021-22(CAYm4)
Mean of CGPA or mean percentage of all successful students(X)	5.03	5.32	6.45
Total number of successful students (Y)	18.00	73.00	72.00
Total number of students appeared in the examination (Z)	48.00	130.00	132.00
API [X * (Y/Z)]	1.89	2.99	3.52

Average API [(AP1 + AP2 + AP3)/3] : 2.80

Assessment [$2.0 * \text{AverageAPI}$] : 5.60

4.5 Academic Performance in Final Year (15)

Total Marks 0.86

Institute Marks

0.86

Academic Performance	2022-23 (LYG)	2021-22 (LYGm1)	2020-21(LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.62	6.85	6.34
Total number of successful students(Y)	10.00	1.00	0.00
Totalnumber of students appeared in the examination(Z)	73.00	72.00	38.00
API [$X*(Y/Z)$]:	1.04	0.10	0.00

Average API [$(AP1 + AP2 + AP3)/3$] : 0.57

Assessment [$1.5 * \text{AverageAPI}$] : 0.86

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)	73.00	72.00	38.00
No of students placed in the companies or government sector(X)	55.00	50.00	28.00
No of students admitted to higher studies (Y)	4.00	1.00	2.00
No. of students turned entrepreneur in the respective field of engineering/technology (Z)	0.00	0.00	0.00
Placement Index [$((1.25 * X) + Y + Z) / N$] :	1.01	0.88	0.97

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 : Mechanical Engineering

Assessment Year : 2024-25 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	KHANDALKAR PRATHAME	2209940253	Spraytech Systems (India) P	
2	LENGARE GIRISH GOPAL	2209940259	Spraytech Systems (India) P	
3	MUTKULE SOHAM SANTOS	2209940269	Spraytech Systems (India) P	
4	SHELAKE ABHISHEK ANKU	2209940287	Spraytech Systems (India) P	
5	SOLANKAR RUTURAJ BHA	2209940290	Spraytech Systems (India) P	
6	LADE OMKAR SUNIL	23212330512	Spraytech Systems (India) P	
7	LAWAND SUMIT BHOJALIN	2209940258	Matoshree Transfab Pvt Ltd.	
8	MANE SHUBHAM PRABHAI	2209940267	Matoshree Transfab Pvt Ltd.	
9	LOKHANDE SHIVTEJ SANJ	23212330523	Matoshree Transfab Pvt Ltd.	
10	EKATPURE SANDESH NAN	23212330545	Matoshree Transfab Pvt Ltd.	
11	AIWALE JAYDEEP AJIT	2209940215	Matoshree Transfab Pvt Ltd.	
12	AIWALE VISHWATEJ RAJEI	2209940216	Matoshree Transfab Pvt Ltd.	
13	BABAR SURAJ TANAJI	2209940218	Matoshree Transfab Pvt Ltd.	
14	BANDALKAR TUSHAR MAL	2209940219	Matoshree Transfab Pvt Ltd.	
15	BHARATI ROHAN RAVINDR	2209940221	Shubhra Industries Pvt Ltd.	
16	BHOSALE RAHUL DATTU	2209940222	Shubhra Industries Pvt Ltd.	
17	BHOSALE TUSHAR DADAS	2209940223	Shubhra Industries Pvt Ltd.	
18	BONDRE ASHISH SANTOSI	2209940225	Shubhra Industries Pvt Ltd.	
19	CHORMALE RAJU SUKHDE	2209940229	Shubhra Industries Pvt Ltd.	
20	GAME SWARAJ TANAJI	2209940233	Shubhra Industries Pvt Ltd.	
21	KALE REVAPPA AUDUMBAL	2209940248	Shivshakti Grinding Wheel P	
22	KHADE RANAJIT BHARAT	2209940252	Shivshakti Grinding Wheel P	
23	MAHAJAN ROHAN NISHIKA	2209940261	Shivshakti Grinding Wheel P	
24	MANE PRANAV SANJAY	2209940264	Shivshakti Grinding Wheel P	
25	MANE ROHAN SUBHASH	2209940265	Shivshakti Grinding Wheel P	
26	NALE ATISH SHRIPATI	2209940270	Shivshakti Grinding Wheel P	

27	PATHAN AYAN JAVED	2209940271	Shivshakti Grinding Wheel P	
28	PATIL SAHIL BALASAHEB	2209940272	Shivshakti Grinding Wheel P	
29	SARGAR SHANKAR DATTA	2209940280	Shivshakti Grinding Wheel P	
30	SAWANT PRATIK PRADIP	2209940283	Shivshakti Grinding Wheel P	
31	SHAIKH IMRAN RAMJAN	2209940284	Shivshakti Grinding Wheel P	
32	SHEGAR ROHIT DEVIDAS	2209940285	Shivshakti Grinding Wheel P	
33	TATEDESHMUKH RAJSHEK	2209940291	Shivshakti Grinding Wheel P	
34	TORANE AJIT PRAMOD	2209940292	Shivshakti Grinding Wheel P	
35	VIRKAR PRASHANT NARA	2209940297	Shivshakti Grinding Wheel P	
36	WAGHMODE LAXMAN DUR	2209940301	Shivshakti Grinding Wheel P	
37	DHAINJE PRAKASH ARJUN	23212330502	Shivshakti Grinding Wheel P	
38	ARJUN DADASO BAJARAN	23212330503	Shivshakti Grinding Wheel P	
39	LONDHE VIKAS RAGHU	23212330504	Shivshakti Grinding Wheel P	
40	SHINDE SUYASH DADASO	23212330506	Shivshakti Grinding Wheel P	
41	JADHAV ADINATH TANAJI	23212330507	Shivshakti Grinding Wheel P	
42	SARGAR RUPESH DHANA	23212330508	Shivshakti Grinding Wheel P	
43	NIKAM PRATIK ANIL	23212330513	Shivshakti Grinding Wheel P	
44	WAGHMODE SHUBHAM BA	23212330518	Venturi Steel Pvt Ltd Baram	
45	TAKALE GORAKH SHIVAJI	23212330521	Venturi Steel Pvt Ltd Baram	
46	THORAT SHANKAR VIKAS	23212330522	Venturi Steel Pvt Ltd Baram	
47	MARKAD TUSHAR KANTIL	23212330525	Venturi Steel Pvt Ltd Baram	
48	MUNDE UMESH KESHAV	23212330530	Venturi Steel Pvt Ltd Baram	
49	KSHIRSAGAR MANGESH K	23212330533	Venturi Steel Pvt Ltd Baram	
50	MAGAR ROHAN LAXMAN	23212330534	Venturi Steel Pvt Ltd Baram	
51	MOHITE SANDIP NATHAJI	23212330538	Venturi Steel Pvt Ltd Baram	
52	KOLEKAR SAURABH SHAN	23212330539	Venturi Steel Pvt Ltd Baram	
53	TAMBAVE PRUTHVIRAJ RA	23212330541	Venturi Steel Pvt Ltd Baram	
54	KACHARE RANJIT RAMCH	23212330542	Venturi Steel Pvt Ltd Baram	
55	WAGHAMODE VAIBHAV SA	23212330543	Venturi Steel Pvt Ltd Baram	

Assessment Year : 2023-24 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	DHAINJE ATHARV ANIL	2109940056	Spraytech Systems (India) P	
2	PAWAR PRASHANT DHANAJI	2109940058	Spraytech Systems (India) P	
3	SAWANT KEDAR SHASHIK	2109940059	Spraytech Systems (India) P	
4	BHANDALKAR SUMIT DHANAJI	2109940061	Spraytech Systems (India) P	
5	SHETPHALKAR PRATHAMESH	2109940064	Spraytech Systems (India) P	
6	MORE ROHIT NAGANATH	2109940065	Spraytech Systems (India) P	
7	TORANE ADITYA ASHOK	2109940073	Spraytech Systems (India) P	
8	BANDALKAR YUVRAJ MAHARAJ	2209940312	Spraytech Systems (India) P	
9	BANKAR AKSHAY DNYANESH	2209940313	Spraytech Systems (India) P	
10	BANSODE DIPAK NAVNATH	2209940314	Spraytech Systems (India) P	
11	BARADKAR SOHAM MAHARAJ	2209940316	Spraytech Systems (India) P	
12	GAIKWAD VRUSHABH SANJAY	2209940323	Venturi Steel Pvt Ltd Baramulla	
13	GAVALI TUSHAR HANUMAN	2209940326	Venturi Steel Pvt Ltd Baramulla	
14	JADHAV VIVEK DILIP	2209940338	Shivshakti Grinding Wheel P	
15	DHAYGUDE SHASHANK RAJ	2209940339	Shivshakti Grinding Wheel P	
16	JUNDALE PRAJWAL BASVE	2209940342	Shivshakti Grinding Wheel P	
17	NITAVE GANESH LAXMAN	2209940344	Atspire air conditioning Pvt L	
18	KALE KUNAL KISHOR	2209940345	Atspire air conditioning Pvt L	
19	PATALE SWAPNIL JAGANNATH	2209940346	Venturi Steel Pvt Ltd Baramulla	
20	PAWAR GANESH KIRAN	2209940349	Venturi Steel Pvt Ltd Baramulla	
21	LAVATE GANESH HANUMAN	2209940362	Shivshakti Grinding Wheel P	
22	SATHE DHIRAJ VIRKUMAR	2209940363	Shivshakti Grinding Wheel P	
23	LAVATE JAYKUMAR BALAS	2209940364	Shivshakti Grinding Wheel P	
24	SHINDE ARJUN RAJENDRA	2209940369	Shivshakti Grinding Wheel P	
25	MARKAD SHUBHAM RAJENDRA	2209940372	Shivshakti Grinding Wheel P	
26	NANAWARE PRAKASH VIJAY	2209940380	Shubhra Industries Pvt Ltd.	
27	TELI VAIBHAV AJINATH	2209940383	Shubhra Industries Pvt Ltd.	
28	GAWADE PRASMIT NARAYAN	2209940546	Shubhra Industries Pvt Ltd.	
29	KHARAT SAMEER TUKARA	2209940547	Shubhra Industries Pvt Ltd.	
30	WANAVE PRASHANT BHAL	2209940558	Venturi Steel Pvt Ltd Baramulla	

31	PAWAR PRATHAMESH MAI	2109940070	Shubhra Industries Pvt Ltd.	
32	SHENDAGE RANJEET SHI	2109940071	Shubhra Industries Pvt Ltd.	
33	BHALE DNYANESHAWAR A	2209940318	Shubhra Industries Pvt Ltd.	
34	GAIKWAD GANESH VASA	2209940319	Shubhra Industries Pvt Ltd.	
35	GAIKWAD KIRAN BHAGWA	2209940320	Shubhra Industries Pvt Ltd.	
36	GAWALI ABHIJEET DEVIDA	2209940327	Venturi Steel Pvt Ltd Barama	
37	BURUNGALE VISHNU SOM	2209940328	Venturi Steel Pvt Ltd Barama	
38	KARE AKASHCHANDRA DN	2209940347	Shubhra Industries Pvt Ltd.	
39	KHARAT AASHISH PANDUI	2209940354	Shubhra Industries Pvt Ltd.	
40	KODALKAR SOURABH BHI	2209940359	Shubhra Industries Pvt Ltd.	
41	LAKADE AVINASH JANARD	2209940360	Shubhra Industries Pvt Ltd.	
42	LONDHE SATYAJIT ANIL	2209940365	Shubhra Industries Pvt Ltd.	
43	MANE AJIT DNYANDEV	2209940368	Venturi Steel Pvt Ltd Barama	
44	MANE AVINASH NIVRUTTI	2209940370	Venturi Steel Pvt Ltd Barama	
45	SHINDE RANJIT RAJENDR	2209940371	Venturi Steel Pvt Ltd Barama	
46	MISAL HARSHAD VIJAY	2209940375	Spraytech Systems (India) P	
47	VAJALE SANKET VIJAY	2209940381	Spraytech Systems (India) P	
48	SHENDE DIKSHA PRADIP	2209940385	Spraytech Systems (India) P	
49	SHELAMAKAR DIPAK RAMI	2209940386	Spraytech Systems (India) P	
50	SHAIKH AARBAJ KALINDA	2209940387	Spraytech Systems (India) P	

Assessment Year : 2022-23 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	PAWAR YASH AABASO	2009940039	ZF Steering Pvt Ltd.Pune	
2	SATHE PRATHMESH MARL	2009940040	ZF Steering Pvt Ltd.Pune	
3	VELAPURE KISHAN VINOD	2009940042	Matoshree Transfab Pvt Ltd.	
4	MAGAR PANDURANG SHIV	2009940044	ZF Steering Pvt Ltd.Pune	
5	BODRE SURAJ TANAJI	2009940046	Matoshree Transfab Pvt Ltd.	
6	JADHAV NIKHIL NAVNATH	2009940047	Matoshree Transfab Pvt Ltd.	
7	PATIL SHIVTEJ POPAT	2009940049	ZF Steering Pvt Ltd.Pune	
8	BHOSALE TUSHAR CHANC	2009940051	ZF Steering Pvt Ltd.Pune	

9	NADAF TOFIK RAMJAN	2009940054	Matoshree Transfab Pvt Ltd.	
10	TORANE SHIVRAJ KRUSHI	2009940058	ZF Steering Pvt Ltd.Pune	
11	SHINDE HARSHAL RAHUL	2010740389	Matoshree Transfab Pvt Ltd.	
12	MULANI ARMAN MAHAMAD	2109940122	Matoshree Transfab Pvt Ltd.	
13	INGALE MANOJ PRAKASH	2109940123	Matoshree Transfab Pvt Ltd.	
14	SHINDE GAURAV RAJENDRA	2109940126	Jupiter Crane Pvt Ltd.	
15	KAMBLE ONKAR BHARADWAJ	2109940127	Matoshree Transfab Pvt Ltd.	
16	SHEVATE DHIRAJ BHIMRAO	2109940128	Matoshree Transfab Pvt Ltd.	
17	SALUNKHE PRAVIN SAMBHAJI	2109940129	Matoshree Transfab Pvt Ltd.	
18	MANE ANIKET SHIVAJI	2109940130	Matoshree Transfab Pvt Ltd.	
19	KADAM AKASH DNYANESH	2109940131	Matoshree Transfab Pvt Ltd.	
20	JADHAV TEJAS TANAJI	2109940132	Matoshree Transfab Pvt Ltd.	
21	KALE SAMIR PANDURANG	2109940133	Matoshree Transfab Pvt Ltd.	
22	LOHAR CHAITANYA CHANDRA	2109940136	Matoshree Transfab Pvt Ltd.	
23	INGALE NAVNATH JOTIRAO	2109940137	Matoshree Transfab Pvt Ltd.	
24	SHINDE ABHISHEK TANAJI	2109940138	Matoshree Transfab Pvt Ltd.	
25	PAWAR KARAN VISHNU	2109940140	ZF Steering Pvt Ltd.Pune	
26	KATKAR ANIRUDDH NAMD	2109940141	ZF Steering Pvt Ltd.Pune	
27	PATHADE SANKET RAJENDRA	2109940142	Matoshree Transfab Pvt Ltd.	
28	PAWAR DAYANAND MACHINDRA	2109940144	Matoshree Transfab Pvt Ltd.	

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

Sr. No.	Name of Society / Chapter	Type	Year of Availability	Remarks

1	Mechanical Engineering Students Association (MESA)	Departmental	2022-2023	Organizes technical activities
2	Indian Society for Technical Education (ISTE)	Professional Body	2025-26	Institutional Membership





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

Department of Computer Technology

BLIND C

Staff Co-Ordinator
Ms.Adar S.M.
(8379998336)

Student Co-Ordinator
Mr.Dhere Y.D.
(7820453079)

Registration Fee
Rs.50/ Participant

ROAD RASH

Staff Co-Ordinator
Mr.Thaware S.D.
(9370297903)

Student Co-Ordinator
Mr.Kulkarni Om
(9405942533)

Registration Fee
Rs.100/ Participant

Department of Mechanical Engineering

SKETCH MASTER

Staff Co-Ordinator
Mr.Shinde P.D.
(7498531384)

Student Co-Ordinator
Mr.Bajrang Kumbhar
(9325475575)

Registration Fee
Rs.100/ Participant

Department of E&TC & Electrical Engineering

PROJECT / PROJECT THEME ON POSTER

Staff Co-Ordinator
Ms.Thengal K.A.
(951605299)

Student Co-Ordinator
Mr.Sushant Markad
(8087203475)

Registration Fee
Rs.50/ Participant (Max.4 Stds)

QUIZ COMPETITION

Staff Co-Ordinator
Ms.Deshmukh A.H.
(9511799222)

Student Co-Ordinator
Mr.Khot Ganesh
(9503863962)

Registration Fee
Rs.50/ Participant

Event Sponsor






Department of Civil Engineering

CAD RACE

Staff Co-Ordinator
Ms.Karbu S.S.
(7775007809)

Student Co-Ordinator
Mr.Utkarsh Sarade
(9420566580)

Registration Fee
Rs.50/ Participant

BRIDGE MODEL MAKING

Staff Co-Ordinator
Mr.Gade S.P.
(9720546375)

Student Co-Ordinator
Mr.Rishikesh Lavate
(9922059899)

Registration Fee
Rs.100/ Group (2 Participant)

Event Sponsor






HOD'S

Mr.Dirange 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

Ms.Shravani Babar
Event Co-ordinator

Mr.Prasad Lokhande
Event Co-ordinator

Mr.Prakash Dhainje
(Principal)

Hon.Vinod Babar
(S.E.O.)

Hon.Adv.Abhishek Patil
(Secretary)

Hon.Karan Patil
(Vice-President)

Hon.Shrilekha Patil
(Mentor)

Hon.Prakash Patil
(President)

Swasti Designs 7875954442



B. Number, quality of engineering events (5)

Institute Marks

5.00

Table 4.7.1 B: Engineering Events Conducted

Academic Year: 2025-26

Sr. No	Type of Activity & Details (Paper Presentation/ Project/ Quiz/ etc.)	Date	No./ Name of Participating Student	Organizing Body & Organizing Institute	Award (Winner/ Participation)	Level (State/ National etc.)
1	Sketch Master	30-09-2025	Total No. of students-19	Mechanical Department, SIET(Poly),Paniv	Participants	State Level
			Pandhare Gitanjali Sanjay		Winner	
			Urade Malhar Vinayak		Runner	

Academic Year: 2024-25

Sr. No	Type of Activity & Details (Paper Presentation/ Project/ Quiz/ etc.)	Date	No./ Name of Participating Student	Organizing Body & Organizing Institute	Award (Winner/ Participation)	Level (State/ National etc.)
1	Robo Race	30-09-2024	Total No. of students-19	Mechanical Department, SIET(Poly),Paniv	Participants	State Level
			Lawand Yash Mohan		Winner	
			Mahanavar Aryan Satish		Runner	
2	Gyan Astra	30-09-2024	Total No. of students- 159	Mechanical Department, SIET(Poly),Paniv	Participants	State Level
			Mali Surendra Satyavan		Winner	
			Kolekar Avdhut Sanjay		Runner	

Academic Year: 2023-24

. No	Type of Activity & Details (Paper Presentation/ Project/ Quiz/ etc.)	Date	No./ Name of Participating Student	Organizing Body & Organizing Institute	Award (Winner/ Participation)	Level (State/ National etc.)
1	Mech Mind	26-09-2023	Total No. of students-122	Mechanical Department, SIET(Poly),Paniv	Participants	State Level
			Lokare Ritesh Ravindra		Winner (First Prize)	
			Sawant Pratik Pradip			
			Waghmode Akash Tanaji			
2	Gyan Astra(Quiz)	26-09-2023	Total No. of students- 159	Mechanical Department, SIET(Poly),Paniv	Participants	State Level
			Jadhav Mangesh Minaji		Winner	

			Sawant Akash Abhiman		Runner	

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	Events aligned with core Mechanical Engineering subjects (CAD, Robotics)
3	Skill Development	Enhances drafting, analytical, Design, and problem-solving skills
4	Student Engagement	Active participation of students in activities
5	Outcome	Contributes to attainment of PSO1 and Program Outcomes

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

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

Sr.No	Publication	Year of Publication	Editorial Team
1	Newsletter	2025-2026	Mrs.Mulani S.M.
2	Newsletter		

3	Technical Magazine		
4	Newsletter	2024-2025	Mr.Mhetre R.G.
5	Newsletter		
6	Technical Magazine		
7	Newsletter	2023-2024	Mr.Joshi R.D.
8	Newsletter		
9	Technical Magazine		

B. Participation of Students from the program (2)

Institute Marks

2.00

Student participation in Academic Year 2025-2026

Sr. No.	Enrolment No.	Name of Student
1	23212330451	TUPE PRATHAMESH SHARAD
2	23212330455	THOMBARE SANSKAR MAHADEV
3	23212330473	JAGTAP NIKSHAY KALYAN
4	23212330495	SHINDE PRASHANTRAO BABAN
5	24212330713	DEOKAR RUTURAJ SUNIL
6	24212330749	BABAR ATHARV SANTOSH
7	24212330758	LAWAND YASH MOHAN
8	25212330681	SALUNKHE OM NITIN
9	25212330696	KHURD SANKET AUDUMBAR
10	25212330730	THORAT SWARANJALI JOTIRAM

Student participation in Academic Year 2024-2025

Sr. No.	Enrolment No.	Name of Student
1	2209940242	JADHAV SIDDHI MAHESH
2	2209940260	LOKARE RITESH RAVINDRA
3	2209940269	MUTKULE SOHAM SANTOSH
4	2209940299	WAGHMODE AKASH TANAJI
5	23212330446	SHENDAGE SAHIL NAVANATH
6	23212330464	KOLEKAR PRAJVAL BHIMRAV
7	23212330500	JANKAR ADITYA SURYAKANT
8	24212330761	KADAM RUSHIKESH MOHAN
9	24212330694	JADHAV ATHARV MAHESH
10	24212330722	SHINDE AVISHKAR NAGNATH

Student participation in Academic Year 2023-2024

Sr. No.	Enrolment No.	Name of Student
1	2009940038	BHANGE DNYARAJ DIPAK
2	2109940059	SAWANT KEDAR SHASHIKANT
3	2209940332	JADHAV AMAR BIBHISHAN
4	2209940346	PATALE SWAPNIL JAGANNATH
5	2209940260	LOKARE RITESH RAVINDRA
6	2209940287	SHELAKE ABHISHEK ANKUSH
7	23212330532	INGOLE ANIKET ARJUN
8	23212330449	SATHE ADITYA RAMCHANDRA
9	23212330451	TUPE PRATHAMESH SHARAD
10	23212330468	MISKAR PRUTHVIRAJ BHIKU

4.7.3 Participation in inter-institute / state/national events by students of the program of study (5)

Institute Marks

5.00

Table 4.7.3.A CAY 2025-2026 Participation of Students.

Sr.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Participated/ Level Award Received	POs PSOs Mapping
1	CAD-WAR	JADHAV SHIVENDRA MADHAV	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO3, PSO2, PSO3
2	LATHE- WAR	KADAM KISHOR DAMAJI	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO7, PSO2, PSO3
3	LATHE- WAR	TAMBAVE VISHNUBALA YUVARAJ	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO7, PSO2, PSO3
4	LATHE- WAR	KAKADE ROHAN VIJAYKUMAR	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO7, PSO2, PSO3
5	LATHE- WAR	JADHAV SHIVENDRA MADHAV	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO7, PSO2, PSO3
6	LATHE- WAR	MOTE VIJAY DHONDIRAM	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Participation PO1, PO7, PSO2, PSO3
7	LATHE- WAR	LAWAND YASH MOHAN	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Runner PO1, PO7, PSO2, PSO3
8	LATHE- WAR	HARIHAR ADITYA AMOL	13-09- 2025	SKN Sinhgad College of Engineering Korti, Pandharpur	State Level	Runner PO1, PO7, PSO2, PSO3
9	ROBO- RACE	MAGAR SUMIT DATTATRAY	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
10	ROBO- RACE	KAKADE ROHAN VIJAYKUMAR	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
11	ROBO- RACE	TAMBAVE VISHNUBALA YUVARAJ	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
12	ROBO- RACE	JAGTAP SANGRAM DADASO	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
13	ROBO- RACE	LAWAND YASH MOHAN	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
14	ROBO- RACE	JADHAV NARAYAN TUKARAM	18-09- 2025	Shivaji Polytechnic College Sangola-	State Level	Participation PO1, PO3, PO7, PSO2, PSO3
15	Sketch Master	BHOSALE SAYAJI ANNASO	30-09- 2025	S.I.E.T(Poly), Paniv	State Level	Participation PO1, PO3, PO7, PSO2, PSO3

16	Sketch Master	INGALE SWARUP JALINDAR	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
17	Sketch Master	YEDAGE VISHWAJIT DATTATRAY	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
18	Sketch Master	MANE SHUBHAM VITTHAL	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
19	Sketch Master	KACHRE BIRUDEV SAMESH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
20	Sketch Master	SHINDE ROHAN DHANAJI	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
21	Sketch Master	SHENDAGE DATTATRAY SADASHIV	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
22	Sketch Master	JANKAR OM NITIN	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
23	Sketch Master	JAGTAP RAJRATNA PRAKASH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
24	Sketch Master	SHINDE AJAY SATISH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
25	Sketch Master	GAIKWAD SHANKAR BAPURAV	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
26	Sketch Master	DEVKAR SUDARSHAN SANTOSH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
27	Sketch Master	WAGHMODE DATTATRAY NITIN	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
28	Sketch Master	GAIKWAD ADITYA NANASO	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
29	Sketch Master	MANE YASH PRAVIN	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
30	Sketch Master	DHERE YUVRAJ DHANAJI	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
31	Sketch Master	KALE AJAY RAMCHANDRA	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
32	Sketch Master	GHALAME RAKESH RAMESH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
33	Sketch Master	GAJARE NIKHIL NAMDEV	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
34	Sketch Master	DHAINJE TEJAS RAVI	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
35	Sketch Master	SURWASE YASHRAJ SAUDAGAR	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
36	Sketch Master	JAGDALE KIRAN SANTOSH	30-09-2025	S.I.E.T(Poly),	Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3

37	Sketch Master	BANDGAR OM APPASO	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
38	Sketch Master	TAMBAVE VISHNUBALA YUVARAJ	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
39	Sketch Master	MOTE VIJAY DHONDIRAM	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
40	Sketch Master	KHARAT PRASHANT HANUMANT	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
41	Sketch Master	SURVASE CHAITANYA AMOL	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
42	Sketch Master	KIRAVE KUNAL ASHOK	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
43	Sketch Master	PAWAR ADITYA VAMAN	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
44	Sketch Master	JADHAV ONKAR DHANAJI	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
45	Sketch Master	MARKAD SAMADHAN RAGHUNATH	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
46	Sketch Master	HANDE NANA GANPAT	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
47	Sketch Master	YEDAGE VISHWAJIT DATTATRAY	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
48	Sketch Master	SONWALKAR YASH KUNDLIK	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
49	Sketch Master	SALUNKHE OM NITIN	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
50	Sketch Master	GAJARE SARTHAK RAGHUNATH	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
51	Sketch Master	INGALE ROHAN RAMESH	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
52	Sketch Master	YEDAGE VISHWAJIT DATTATRAY	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
53	Sketch Master	SHAIKH SARAFAJ IRSHAD	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
54	Sketch Master	JADHAV UTKARSH VITTHAL	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
55	Sketch Master	GHULE DNYANESHWAR DAYANAND	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
56	Sketch Master	CHAVAN PRUTHVIRAJ PRAVIN	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
57	Sketch Master	SHINDE SAINATH ISHWAR	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3

58	Sketch Master	ADAKE TEJAS ASHOK	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
59	Sketch Master	CHORMALE VIKRAM RAJENDRA	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
60	Sketch Master	KHUDE PRAVIN DIPAK	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
61	Sketch Master	PAWAR ARYAN VIJAY	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
62	Sketch Master	JANKAR ADITYA SURYAKANT	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
63	Sketch Master	SHAIKH SAKIB RAJAK	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
64	Sketch Master	GAIKWAD NAITIK PRAKASH	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
65	Sketch Master	DOSHI ABHIJIT BHARAT	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
66	Sketch Master	SHEVATE BOBBY ANIL	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
67	Sketch Master	SONAVALE ADARSH ANIL	30-09-2025	S.I.E.T(Poly), Paniv	State Level	ParticipationPO1,PO3,PO7,PSO2,PSO3
68	Project Idea Competition	TUPE PRATHAMESH SHARAD	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
69	Project Idea Competition	KAMBLE BAJARANG SHRIKRUSHNA	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
70	Project Idea Competition	TAMBAVE VISHNUBALA YUVARAJ	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
71	Project Idea Competition	SUL KRUSHNA RAMESH	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
72	Project Idea Competition	HANGE SUBHASH RAMCHANDRA	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
73	Project Idea Competition	CHAVAN PRUTHVIRAJ AMBADAS	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
74	Project Idea Competition	THOMBARE SANSKAR MAHADEV	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO1,PSO2
75	LATHE-WAR	MOTE VIJAY DHONDIRAM	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
76	LATHE-WAR	HARIHAR ADITYA AMOL	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
77	LATHE-WAR	KADAM KISHOR DAMAJI	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
78	LATHE-WAR	TAMBAVE VISHNUBALA YUVARAJ	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3

79	LATHE-WAR	BABAR ATHARV SANTOSH	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
80	LATHE-WAR	LAWAND YASH MOHAN	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
81	LATHE-WAR	JADHAV NARAYAN TUKARAM	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
82	LATHE-WAR	KAMBLE BAJARANG SHRIKRUSHNA	28-02-2026	Fabtech College Of engineering & Research(Poly),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
83	Vollyball	Shaikh Arman Jakir	31/12/2025	Government Polytechnic Pune	Zonal Level	Participant	PO7
84	Wrestling	Gujare Pravin Vajinath	22/01/2026	Government Polytechnic Pune	Zonal Level	Winner	PO7
85	Wrestling	Kale Ajay Ramchandra	22/01/2026	Government Polytechnic Pune	Zonal Level	Winner	PO7
86	Wrestling	Gujare Pravin Vajinath	16/02/2026	Government Polytechnic Pune	Zonal Level	Winner	PO7
87	Wrestling	Kale Ajay Ramchandra	16/02/2026	Government Polytechnic Pune	Zonal Level	Participant	PO7

Table 4.7.3.B CAY 1 2024-2025 Participation of Students.

Sr.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSO Mapping
1	CAD War	Chavan Shamburaje Shivaji	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
2	CAD War	Shinde Prashantrao Baban	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
3	CAD War	Sul Krushna Ramesh	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
4	CAD War	Thombare Sanskar Mahadev	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
5	CAD War	Hange Subhash Ramchandra	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
6	CAD War	Chavan Pruthviraj Ambadas	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
7	CAD War	Shendage Sahil Navnath	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
8	CAD War	Waghmode Laxman Durga	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
9	CAD War	Sawant Pratik Pradip	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
10	CAD War	Nale Atish Shripati	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3
11	CAD War	Ingole Aniket Arjun	14-09-2024	Vidya Pratishthans (Poly.),Indapur	State Level	Participation	PO1, PO3, PSO2,PSO3

12	CAD War	Bankar Vishal Tanaji	14-09-2024	Vidya Pratishthans (Poly.),Indapur
13	CAD War	Tambave Pruthviraj Raosaheb	14-09-2024	Vidya Pratishthans (Poly.),Indapur
14	CAD War	Shinde Raviraj Suresh	14-09-2024	Vidya Pratishthans (Poly.),Indapur
15	CAD War	Magar Rohan Laxman	14-09-2024	Vidya Pratishthans (Poly.),Indapur
16	CAD War	Ransing Omkar Santosh	14-09-2024	Vidya Pratishthans (Poly.),Indapur
17	CAD War	Mote Prathmesh Bapuraao	14-09-2024	Vidya Pratishthans (Poly.),Indapur
18	CAD War	Ekatpure Sandesh Nanaso	14-09-2024	Vidya Pratishthans (Poly.),Indapur
19	CAD War	Waghmode Vaibhav Santosh	14-09-2024	Vidya Pratishthans (Poly.),Indapur
20	CAD War	Markad Tushar Kantilal	14-09-2024	Vidya Pratishthans (Poly.),Indapur
21	CAD War	Thorat Shankar Vikas	14-09-2024	Vidya Pratishthans (Poly.),Indapur
22	CAD War	Waghmode Shubham Balasaheb	14-09-2024	Vidya Pratishthans (Poly.),Indapur
23	CAD War	Jadhav Adinath Tanaji	14-09-2024	Vidya Pratishthans (Poly.),Indapur
24	Robo Race	Sawant Tejas Mohan	30-09-2024	S.I.E.T (Poly.),Paniv
25	Robo Race	Lawand Yash Mohan	30-09-2024	S.I.E.T (Poly.),Paniv
26	Robo Race	Thite Mahesh Laxman	30-09-2024	S.I.E.T (Poly.),Paniv
27	Robo Race	Harihar Aditya Amol	30-09-2024	S.I.E.T (Poly.),Paniv
28	Robo Race	Kamble Bajrang Shrikrishna	30-09-2024	S.I.E.T (Poly.),Paniv
29	Robo Race	Kadam Kishor Tanaji	30-09-2024	S.I.E.T (Poly.),Paniv
30	Robo Race	Dhobale Piyush Ravindra	30-09-2024	S.I.E.T (Poly.),Paniv
31	Robo Race	Kale Soham Nitin	30-09-2024	S.I.E.T (Poly.),Paniv
32	Robo Race	Surwase Chaitanya Amol	30-09-2024	S.I.E.T (Poly.),Paniv
33	Robo Race	Surwase Yashraj saudagar	30-09-2024	S.I.E.T (Poly.),Paniv
34	Robo Race	Pathan Imran Javed	30-09-2024	S.I.E.T (Poly.),Paniv
35	Robo Race	Kolekar Sangram Suresh	30-09-2024	S.I.E.T (Poly.),Paniv
36	Robo Race	Mahanawar Aryan Suresh	30-09-2024	S.I.E.T (Poly.),Paniv
37	Robo Race	Devkate Abhijeet Agatrao	30-09-2024	S.I.E.T (Poly.),Paniv
38	Robo Race	Lokhande Sumit Sanjay	30-09-2024	S.I.E.T (Poly.),Paniv
39	Robo Race	Kolekar Prajval Bhimrao	30-09-2024	S.I.E.T (Poly.),Paniv

State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
State Level	Participation	PO1, PO3,PO7, PSO2,PSO3

40	Robo Race	Mane Aniket Dagadu	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
41	Robo Race	Tupe Prathmesh Sharad	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
42	Robo Race	Chavan Pruthviraj Pravin	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
43	Gyan Astra	Sawant Tejas Mohan	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
44	Gyan Astra	Lawand Yash Mohan	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
45	Gyan Astra	Thite Mahesh Laxman	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
46	Gyan Astra	Harihar Aditya Amol	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
47	Gyan Astra	Kamble Bajrang Shrikrishna	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
48	Gyan Astra	Shrikhande Aniket Nitin	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
49	Gyan Astra	Shinde Nagesh Kashinath	30-09-2024	S.I.E.T (Poly.),Paniv	State Level	Participation	PO1, PO3,PO7, PSO2,PSO3
50	Quiz Competition	Lokhande Shivtej Sanjay	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
51	Quiz Competition	Markad Tushar Kantilal	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
52	Quiz Competition	Ingole Aniket Arjun	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
53	Quiz Competition	Shinde Raviraj Suresh	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
54	Quiz Competition	Waghmode Vaibhav Santosh	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
55	Quiz Competition	Thorat Shankar Vikas	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
56	Quiz Competition	Kolekar Sangram Suresh	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
57	Quiz Competition	Pathan Imran Javed	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
58	Quiz Competition	Suryawanshi Omkar Laxman	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
59	Quiz Competition	Sartape Aditya Ramesh	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
60	Quiz Competition	Pawar Aditya Waman	25-02-2025	Karmayogi Institute of Technology (Poly.),Shelve	State Level	Participation	PO1,PO7,PSO2,PSO3
61	Technical Quiz	Lawand Yash Mohan	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
62	Technical Quiz	Kamble Bajrang Shrikrishna	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
63	Technical Quiz	Jadhav Shivendra Mahadev	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
64	Technical Quiz	Harihar Aditya Amol	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
65	Technical Quiz	Thite Mahesh Laxman	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
66	Technical Quiz	Tambave Vishnu Yuvraj	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3
67	Technical Quiz	Markad Tushar Kantilal	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	Participation	PO1,PO7,PSO2,PSO3

68	Technical Quiz	Waghmode Akash Tanaji	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
69	Technical Quiz	Lade Omkar Sunil	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
70	Technical Quiz	Thorat Shankar Vikas	28-02-2025	Fabtech College of Engineering & Research (Poly.),Sangola	State Level	ParticipationPO1,PO7,PSO2,PSO3
71	Weight Lifting	Lade Omkar Sunil	23-01-2025	Sahakar Maharshi Shankarrao Mohite -Patil Institute of Research & Technology ,Shankarnagar -Akluj	Zonal Level	ParticipationPO7
72	Wrestling	Thombare Sanskar Mahadev	23-01-2025	Sahakar Maharshi Shankarrao Mohite -Patil Institute of Research & Technology ,Shankarnagar -Akluj	Zonal Level	ParticipationPO7

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	MECH Mind	Waghmode Shubham Balasaheb	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
2	MECH Mind	Markad Tushar Kantilal	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
3	MECH Mind	Thorat Shankar Vikas	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
4	MECH Mind	Ransing Omkar Santosh	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
5	MECH Mind	Waghmode Mahaev Baban	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
6	MECH Mind	Mutkule Soham Santosh	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
7	MECH Mind	Nale Atish Shripati	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
8	MECH Mind	More Chaitanya Dilip	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
9	MECH Mind	Nimbalbalkar Shivendra Ravindra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
10	MECH Mind	Shinde Prashantrao Baban	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
11	MECH Mind	Mote Prathmesh Bapurav	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
12	MECH Mind	Jadhav Adinath Tanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
13	MECH Mind	Galande Tejas Bapu	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
14	MECH Mind	Bhosale Rahul Dattu	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
15	MECH Mind	Game Swaraj Tanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
16	MECH Mind	Bandalakar Tushar Malhari	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
17	MECH Mind	Shinde Raviraj Suresh	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3

18	MECH Mind	Banakar Vishal Tanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
19	MECH Mind	Ingole Aniket Arjun	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
20	MECH Mind	Kokare Vaibhav Dhanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
21	MECH Mind	Takale Gorakh Shivaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
22	MECH Mind	Tatedeshmukh Rajshekhar Anil	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
23	MECH Mind	Magar Rohan Laxman	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
24	MECH Mind	Madane Ananda Hanmant	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
25	MECH Mind	Tambave Pruthviraj Ravsaheb	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
26	MECH Mind	Lokhande Shivtej Sanjay	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
27	MECH Mind	Lokare Ritesh Ravindra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Winner PO1,PO3,PO7,PSO2,PSO3
28	MECH Mind	Sawant Pratik Pradip	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Winner PO1,PO3,PO7,PSO2,PSO3
29	MECH Mind	Waghmode Akash Tanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Winner PO1,PO3,PO7,PSO2,PSO3
30	Gyan Astra (Quiz)	Jagtap Nikshay Kalyan	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
31	Gyan Astra (Quiz)	Bhosale Tushar Ramchandra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
32	Gyan Astra (Quiz)	Kokare Vaibhav Dhanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
33	Gyan Astra (Quiz)	Ekatpure Sandesh Nanaso	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
34	Gyan Astra (Quiz)	Waghmode Mahadev Baban	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
35	Gyan Astra (Quiz)	Bandalkar Sumit Dhanaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
36	Gyan Astra (Quiz)	Lokare Ritesh Ravindra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
37	Gyan Astra (Quiz)	Markad Tushar Kantilal	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
38	Gyan Astra (Quiz)	Madane Ananda Hanmant	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
39	Gyan Astra (Quiz)	Magar Rohan Laxman	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
40	Gyan Astra (Quiz)	Aiwale Jaydeep Ajit	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
41	Gyan Astra (Quiz)	Aiwale Vishvatej Rajendra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
42	Gyan Astra (Quiz)	More Sahil Laxman	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
43	Gyan Astra (Quiz)	Thombare Sanskar Mahadeo	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
44	Gyan Astra (Quiz)	Chavan Shamburaje Shivaji	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
45	Gyan Astra (Quiz)	Sul Krushna Ramesh	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3

46	Gyan Astra (Quiz)	Hange Subhash Ramchandra	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
47	Gyan Astra (Quiz)	Chavan Pruthviraj Ambadas	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
48	Gyan Astra (Quiz)	Lade Onkar Sunil	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
49	Gyan Astra (Quiz)	Shendage Sahil Navnath	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
50	Gyan Astra (Quiz)	Patil Sahil Balasaheb	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
51	Gyan Astra (Quiz)	Tupe Prathmesh Sharad	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
52	Gyan Astra (Quiz)	Kadam Om Ajay	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
53	Gyan Astra (Quiz)	Shaikh Yusuf Innus	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
54	Gyan Astra (Quiz)	Shaikh Sahil Husen	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
55	Gyan Astra (Quiz)	Waghmode Laxman Durga	26-09-2023	S.I.E.T. (Poly.), Paniv	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
56	Quiz	Lokare Ritesh Ravindra	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
57	Quiz	Lavate Ganesh Hanumant	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
58	Quiz	Bandalkar Yuvraj Mahadev	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
59	Quiz	Lavate Jaykumar Balasaheb	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
60	Quiz	Markad Shubham Rajendra	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
61	Quiz	Mulani Sameer Javed	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
62	Quiz	Waghmode Akash Tanaji	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
63	Quiz	Mutkule Soham Santosh	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
64	Quiz	Lawand Sumit Bhojling	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
65	Quiz	Mane Pranav Sanjay	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
66	Quiz	Nale Atish Shripati	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
67	Quiz	Patil Sahil Balasaheb	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
68	Quiz	Bhosale Tushar Ramchandra	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
69	Quiz	Lade Onkar Sunil	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
70	Quiz	Tate-Deshmukh Rajshekhar Anil	21-10-2023	Fabtech College of Engineering & Research (Poly.), Sangola	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
71	Paper Presentation	Jadhav Amar Bibhishan	27-01-2024	SPM Polytechnic, Kumathe	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
72	Paper Presentation	Mulani Sameer Javed	27-01-2024	SPM Polytechnic, Kumathe	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
73	Paper Presentation	Jadhav Amar Bibhishan	02-02-2024	Sanjay Ghodawat Institute, Atigre	State Level	Participation PO1,PO3,PO7,PSO2,PSO3

74	Paper Presentation	Mulani Sameer Javed	03-02-2024	Sanjay Ghodawat Institute, Atigre	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
75	Quiz	Tambave Pruthviraj Ravsaheb	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
76	Quiz	Takale Gorakh Shivaji	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
77	Quiz	Waghmode Shubham Balasaheb	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
78	Quiz	Khandekar Mahavir Dharmu	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
79	Quiz	Pawar Prashant Dhanaji	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
80	Quiz	Lawate Ganesh Hanumant	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
81	Quiz	Bandalkar Sumit Dhanaji	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
82	Quiz	Kale Kunal Kishor	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
83	Quiz	Nitave Ganesh Laxman	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
84	Quiz	Jadhav Amar Bibhishan	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
85	Quiz	Mulani Sameer Javed	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
86	Quiz	Lawate Jaykumar Balasaheb	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
87	Quiz	Bandalkar Yuvraj Mahadev	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
88	Quiz	Mokale Rushikesh Bramhdev	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
89	Quiz	Lawand Sumit Bhojling	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
90	Quiz	Nale Atish Shripati	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
91	Quiz	Ransing Onkar Santosh	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Winner	PO1,PO3,PO7,PSO2,PSO3
92	Quiz	Aiwale Jaydeep Ajit	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
93	Robo Race	Pawar Prashant Dhanaji	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
94	Robo Race	Khandekar Mahavir Dharmu	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
95	Robo Race	Takale Gorakh Shivaji	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
96	Robo Race	Waghmode Shubham Balasaheb	06-02-2024	Shivaji Polytechnic, Atpadi	State Level	Participation	PO1,PO3,PO7,PSO2,PSO3
97	Paper Presentation	Lokare Ritesh Ravindra	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Winner	PO1,PO3,PO7,PSO2,PSO3
98	Quiz	Waghmode Akash Tanaji	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation	PO1,PO3,PO7,PSO2,PSO3
99	Quiz	Mutkule Soham Santosh	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation	PO1,PO3,PO7,PSO2,PSO3
100	Quiz	Lawand Sumit Bhojling	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation	PO1,PO3,PO7,PSO2,PSO3
101	Quiz	Nale Atish Shripati	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation	PO1,PO3,PO7,PSO2,PSO3

102	Quiz	Aiwale Jaydeep Ajit	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
103	Quiz	Bankar Vishal Tanaji	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
104	Quiz	Bankar Sagar santosh	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
105	Quiz	Ingole Aniket Arjun	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
106	Quiz	Shinde Raviraj Suresh	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
107	Quiz	Jadhav Adinath Tanaji	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
108	Quiz	Mote Prathmesh Bapurao	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
109	Quiz	Waghmode Vaibhav Santosh	27-02-2024	SVERI College of Engineering (Poly.), Pandharpur	National Level	Participation PO1,PO3,PO7,PSO2,PSO3
110	Paper Presentation	Lokare Ritesh Ravindra	02-03-2024	A.G. Patil Polytechnic, Solapur	National Level	3 rd Prize PO1,PO3,PO7,PSO2,PSO3
111	Project Idea Competition	Lokare Ritesh Ravindra	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
112	Quiz	Waghmode Akash Tanaji	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
113	Quiz	Patil Sahil Balasaheb	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
114	Quiz	Mutkule Soham Santosh	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
115	Quiz	Lade Omkar Sunil	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
116	Quiz	Londhe Vikas Raghu	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
117	Quiz	Ransing Omkar Santosh	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
118	Quiz	Ekatpure Sandesh Nanaso	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
119	Quiz	Kokare Vaibhav Dhanaji	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
120	Quiz	Magar Rohan Laxman	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
121	Quiz	Waghmode Shubham Balasaheb	19-03-2024	SMSMPITR, Akluj	State Level	Participation PO1,PO3,PO7,PSO2,PSO3
122	Wrestling	Pandhare Prasad Sunil	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
123	Wrestling	Kashid Aniket Rajendra	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
124	Wrestling	Budhavale Shubham Vishwas	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
125	Weight Lifting	Pandhare Prasad Sunil	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
126	Weight Lifting	Kashid Aniket Rajendra	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
127	Weight Lifting	Budhavale Shubham Vishwas	23-01-2024	S.M.S.M.P.I.T.R. Akluj	Interzonal Level	Participation PO7
128	Volley ball	Shaikh Sahil Husen	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
129	Volley ball	Shaikh Yusuf Innus	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7

130	Volley ball	Waghmode Akash Tanaji	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
131	Volley ball	Torane Ajit Pramod	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
132	Volley ball	Tupe Prathmesh Sharad	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
133	Volley ball	Awghade Sarang Sanjay	31-01-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
134	Kho-Kho	Shaikh Sahil Husen	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
135	Kho-Kho	Shaikh Yusuf Innus	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
136	Kho-Kho	Shinde Om Kiran	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
137	Kho-Kho	Misal Vishwtej Raghunath	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
138	Kabaddi	Kashid Aniket Rajendra	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
139	Kabaddi	Sargar Rupesh Dhanji	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
140	Kabaddi	Torane Ajit Pramod	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
141	Kabaddi	Lavate Ganesh Hanument	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
142	Kabaddi	Bandalkar Yuvraj Mahadev	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
143	Kabaddi	Nitave Ganesh Laxman	01-02-2024	Government Polytechnic, Solapur	Interzonal Level	Participation PO7
144	Cricket	Shaikh Sahil Husen	05-02-2024	SVERI College of Engineering (Polytechnic), Pandharpur.	Interzonal Level	Participation PO7
145	Cricket	Lavate Ganesh Hanument	05-02-2024	SVERI College of Engineering (Polytechnic), Pandharpur.	Interzonal Level	Participation PO7
146	Cricket	More Chaitanya Dilip	05-02-2024	SVERI College of Engineering (Polytechnic), Pandharpur.	Interzonal Level	Participation PO7

5 FACULTY INFORMATION AND CONTRIBUTIONS (150)

Total Marks 94.94

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)								

Mr. Lawand Sagar Shashikant	M.E.	Design	100	100	100	3	0	HOD	20/06/2011	Regular	Yes		No
Mr. Gunjegaonkar Vijaykumar Prakashrao	B.E.	Mechanical	100	70	100	2	0	Sr.Lecturer	25/06/2012	Regular	Yes		No
Ms. Budhner Pooja Kumar	M.E.	Design	100	100	100	1	0	Lecturer	26/06/2019	Regular	Yes		No
Ms. Salunke Priyanka Arjun	B.E.	Mechanical	100	100	100	1	0	Lecturer	14/02/2022	Regular	No	02/05/2026	No
Mr. Khandare Vikrant Shashikant	B.E.	Mechanical	100	69	100	1	0	Lecturer	26/08/2021	Regular	Yes		No
Mr. Jadhav Tukaram Sukhdeo	B.E.	Mechanical	36	100	66	0	0	Lecturer	11/08/2022	Regular	No	02/05/2026	No
Mr. Salunke Kiran Hanumant	B.E.	Mechanical	100	100	68	2	0	Lecturer	18/08/2022	Regular	Yes		No
Mr. Mhetre Rahul Gopal	B.E.	Mechanical	39	49	100	1	0	Lecturer	26/08/2023	Regular	Yes		No
Mr. Ghone Saurabh Kalidas	B.E.	Mechanical	100	0	0	0	0	Lecturer	11/04/2025	Regular	Yes		No
Mr. Shinde Prathamesh Dattatray	B.E.	Mechanical	30	0	0	0	0	Lecturer	01/08/2025	Regular	No	02/05/2026	No
Mr. Kapane Jotiram Ravsaheb	M.Tech	Mechanical	100	0	0	0	0	Lecturer	01/08/2025	Regular	Yes		No
Mr. Jagtap Amol Anandrao	B.E.	Mechanical	100	0	0	1	0	Lecturer	28/08/2025	Regular	Yes		No
Ms. Jakate saba Sayyadali	B.E.	Mechanical	0	0	52	0	0	Lecturer	26/08/2023	Regular	No	02/05/2024	No
Mr. Tandale Balaji Someshwar	M.Sc (Maths)	Mathematics	59	0	0	0	0	Lecturer	04/06/2025	Regular	Yes		No
Mr. Shaikh Jafar Husen	M.Sc. (Chemistry)	Chemistry	51	41	0	0	0	Lecturer	15/07/2024	Regular	Yes		No
Mr. Dhavre Somnath Kantilal	MA (English)	English	15	21	45	0	0	Lecturer	28/08/2023	Regular	Yes		No
Mr. Bhosale Jotiram Ramchandra	MA (English)	English	21	24	0	0	0	Lecturer	01/10/2021	Regular	Yes		No
Mr. Kale Mahadeo Dnyandeo	M.E.	VLSI & Embedded	37	33	90	0	0	Lecturer	01/03/2022	Regular	Yes		No
Mr. Doshi Siddhant Sanjay	B.E.	Computer	100	0	0	0	0	Lecturer	01/07/2025	Regular	Yes		No
Ms. Mulani Pharida Hajrat	M. Sc (Physics)	Physics	21	0	0	0	0	Lecturer	18/08/2022	Regular	Yes		No
Mr. Joshi Rohit Dattatray	B.E.	Mechanical	0	100	100	0	0	Lecturer	11/08/2022	Regular	No	02/05/2025	No

Mrs. Jadhav Vaishali Digvijay	MA (English)	English	100	100	0	1	0	Lecturer	12/08/2022	Regular	Yes		No
Mr. Shaikh Khalil Akbar	M. Sc (Physics)	Physics	0	100	0	0	0	Lecturer	10/07/2019	Regular	No	30/06/2025	No
Mr. Patil Prashant Pradip	M.Sc (Maths)	Mathematics	0	27	0	0	0	Lecturer	27/08/2024	Regular	No	30/05/2025	No
Ms. Tilekar Komal Vasant	M.E.	Construction Management	0	67	0	0	0	Lecturer	01/08/2024	Regular	Yes		No
Mr. Hasabe Akshay Anil	M. Sc (Physics)	Physics	0	36	73	0	0	Lecturer	22/08/2023	Regular	No	02/05/2025	No
Ms. Mane-Deshmukh Trupti Omkar	B.E.	Computer	0	100	0	0	0	Lecturer	01/07/2024	Regular	No	31/12/2025	No
Mr. Tamboli Shabbir Ismail	M.Sc. (Chemistry)	Chemistry	0	34	23	1	0	Sr.Lecturer	25/06/2008	Regular	Yes		No
Mr. Khandagale Pravin Bharat	B.E.	Mechanical	0	100	100	0	0	Lecturer	14/02/2022	Regular	No	30/06/2025	No
Ms. Pol Rohini Balkrushna	M.Sc. (Chemistry)	Chemistry	0	0	28	0	0	Lecturer	11/08/2022	Regular	No	15/06/2024	No
Mr. Kolawale Ganu Audumbar	M.Sc (Maths)	Mathematics	0	0	52	0	0	Lecturer	11/06/2013	Regular	No	13/08/2024	No
Ms.Gadave Aashabai Shivaji	M.Tech	Electrical	6	0	0	0	0	Lecturer	20/08/2024	Regular	Yes		No
Ms. More Divyani Subhash	B.E.	E&TC	0	20	0	0	0	Lecturer	02/08/2024	Regular	Yes		No
Ms. Salunkhe Arti Ramchandra	B.E.	Computer	100	0	0	0	0	Lecturer	01/08/2025	Regular	Yes		No
Ms. Tavate Rutuja Vijay	M.Sc (Maths)	Mathematics	100	100	100	0	0	Lecturer	28/08/2023	Regular	Yes		No
Mr. Sathe Kiran Hanmant	B.E.	Computer	100	100	0	0	0	Lecturer	26/08/2024	Regular	Yes		No
Mrs. Galande Savita Ramchandra	M.Sc. (Chemistry)	Chemistry	100	0	0	0	0	Lecturer	02/08/2025	Regular	Yes		No
Mr. Dhore Ajinkya Anil	M.Sc (Maths)	Mathematics	100	100	0	0	0	Lecturer	26/08/2024	Regular	Yes		No
Mr. Chandanshive Shubham Ramchandra	B.E.	Civil	100	0	0	0	0	Lecturer	02/08/2025	Regular	Yes		No
Mrs. Mulani Saba Mohamadbadroddin	B.E.	Mechanical	100	0	0	0	0	Lecturer	28/08/2025	Regular	Yes		No

Year	N	F	SFR=N/F
2025-26(CAY)	449	21.15	21.23
2024-25(CAYm1)	537	17.91	29.98
2023-24(CAYm2)	501	13.97	35.86

Average SFR : 29.02

Assesement SFR : 10

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)	27	0
2024-25(CAYm1)	25	0
2023-24(CAYm2)	17	0

5.2 Faculty Qualification (25)

Total Marks 13.30

5.2.1 Faculty Qualification Index (20)

Institute Marks

13.30

	X	Y	F	$FQ = 2 \times [(10X + 7Y) / F]$
2025-26	3	18	18.00	17.33
2024-25	3	15	21.00	12.86
2023-24	2	11	20.00	9.70

Average Assessment : 13.30

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 5.00

Institute Marks
5.00

Description	2024-25 (CAYm1)	2025-26 (CAY)
No of Faculty Retained	14	11
Total No. of Required Faculty	25	25
% of Faculty Retained	56	44

Average : 50.00

Assessment Marks : 5.00

5.4 Faculty as participants in Faculty development/training activities conducted by other organizations (30)

Total Marks 24.64

Institute Marks
24.64

Name of the faculty	Max 5 Per Faculty		
	2022-23 (CAYm3)	2023-24 (CAYm2)	2024-25 (CAYm1)
Mr. Bhosale Jotiram Ramchandra	0.00	0.00	0.00
Mr. Chandanshive Shubham Ramchandra	0.00	0.00	0.00
Mr. Dhavre Somnath Kantilal	0.00	5.00	0.00
Mr. Dhire Ajinkya Anil	0.00	0.00	5.00
Mr. Doshi Siddhant Sanjay	0.00	0.00	0.00

Mr. Ghone Saurabh Kalidas	0.00	0.00	0.00
Mr. Gunjegaonkar Vijaykumar Prakashrao	1.00	5.00	2.00
Mr. Hasabe Akshay Anil	0.00	5.00	5.00
Mr. Jadhav Tukaram Sukhdeo	2.00	5.00	2.00
Mr. Jagtap Amol Anandrao	0.00	0.00	0.00
Mr. Joshi Rohit Dattatray	2.00	5.00	5.00
Mr. Kale Mahadeo Dnyandeo	0.00	0.00	0.00
Mr. Kapane Jotiram Ravsaheb	0.00	0.00	0.00
Mr. Khandagale Pravin Bharat	5.00	5.00	1.00
Mr. Khandare Vikrant Shashikant	2.00	5.00	2.00
Mr. Kolawale Ganu Audumbar	0.00	0.00	0.00
Mr. Lawand Sagar Shashikant	5.00	2.00	2.00
Mr. Mhetre Rahul Gopal	0.00	2.00	5.00
Mr. Patil Prashant Pradip	0.00	0.00	0.00
Mr. Salunke Kiran Hanumant	2.00	5.00	2.00
Mr. Sathe Kiran Hanmant	0.00	0.00	0.00
Mr. Shaikh Jafar Husen	0.00	0.00	2.00
Mr. Shaikh Khalil Akbar	0.00	0.00	2.00
Mr. Shinde Prathamesh Dattatray	0.00	0.00	0.00
Mr. Tamboli Shabbir Ismail	0.00	0.00	0.00

Mr. Tandale Balaji Someshwar	0.00	0.00	0.00
Mrs. Galande Savita Ramchandra	0.00	0.00	0.00
Mrs. Jadhav Vaishali Digvijay	0.00	0.00	2.00
Mrs. Mulani Saba Mohamadbadroddin	0.00	0.00	0.00
Ms. Budhner Pooja Kumar	2.00	2.00	2.00
Ms. Jakate saba Sayyadali	0.00	5.00	0.00
Ms. Mane-Deshmukh Trupti Omkar	0.00	0.00	0.00
Ms. Mulani Pharida Hajrat	0.00	0.00	0.00
Ms. Pol Rohini Balkrushna	0.00	0.00	0.00
Ms. Salunke Priyanka Arjun	5.00	5.00	5.00
Ms. Salunkhe Arti Ramchandra	0.00	0.00	0.00
Ms. Tavate Rutuja Vijay	0.00	0.00	0.00
Ms. Tilekar Komal Vasant	0.00	0.00	2.00

Average assessment over 3 years (Marks limited to 30): 24.64

5.4. a. Organized/ Conducted FDPs and STTP by this department at State / National Level (12)

Total Marks 4.00

Institute Marks
4.00

5.4.2. Organized/Conducted FDPs and STTP by this department at State / National Level (12)

- Minimum 2 days program
- 2 points per program (max. up to 12 marks)

FDP Conducted

Sr. No	Date	Name of Event FDP/ STTP	State/ National Level	Name of the Programmer	Name of the Resource Person	No. of Participants
1	13/10/2025 To 15/10/2025	FDP	National Level	“Research and Innovation Strategies to Improve NIRF Ranking”	1.Dr. Santosh Rane Chairman, IIIE Mumbai Chapter Vice Chairman SAEINDIA WS 2. Dr. Prathamesh Potdar HOD Automobile Engineering, at Parul University 3. Dr. Bhaveshkumar Pasi HOD and Associate Professor Mechanical Engineering Department Organization: Vishwaniketan's IMEET 4. Prof. Pallavi Dhamak-Dongare Director, International Summer Internship Program, Vishwaaniketan 5. Dr. Rajendra Chaudhari Assistant Professor in Mechanical Department of SNJB's Late Sau. . K. B . Jain College of Engineering, Chandwad 6. Mr. Parakash Sardesai Vice President - SAE INDIA	117

Sr. No	Date	Name of Event FDP/ STTP	State/ National Level	Name of the Programmer	Name of the Resource Person	No. of Participa nts
Academic Year 2025-26						
					1. Dr.Yuvraj Parkale ,ASSOCIATE PROFESSOR, S. V. P. Ms College of Engineering, Malegaon (Bk) ,Baramati	
					2. Mr.Akshay Suryavanshi,Deputy Planner& Special Planning Authority,Pune	
					3. Mr.Bapusaheb kharade,Managing Director ,Spraytech Systems India ,Pvt,Ltd.,Indapur	
					4. Prof. Vishwas V. Patange ,Assistant Professor ,SHRI TULJABHAVANI COLLEGE OF ENGINEERING,TULJAPUR	

2.	23/06/2026 to 25/06/2026	FDP	State	Transforming ideas into Innovation : AI/ML, Research Publication & Entrepreneurship	5. Mr. Sachin Supekar,Founder & Consultant at Samarpak Management Solutions HR &Culture Consultant HR Strategy Consultant Pune Division, Maharashtra, India	700
					6. Dr. Kazi Kutubuddin Sayyad Liyakat,Professor and Head, Department of Electronics & Telecommunication Engineering, BMIT, Solapur.	
					7.Dr. Mrunmayee V.V. Daithankar, Researcher ,Writer, Educator With Life Skills	
					8 Mr.Vitthal Jagtap,Founder- AvisPixel Digital Marketing Strategist Help organizations growth through AI & Data-Driven Digital Marketing	
					9.Mr. Virant K. Manedeshmukh, Chartered Accountant, Finance & Tax Trainer	
					10. Mr. Deepakchandra Kumar Ghule , Head of Department (Electronics & Telecomm.) ,Bhramdevdada Mane Polytechnic,Solapur	
					11.Ms. Jokar Shruti Jagannath, Professor,Bhramdevdada Mane Polytechnic,Solapur	
					12. Mr. Mujawar I.I.,Educator, Motivational Speaker, Trainer,counselor, Solapur	

5.5 Product development, Consultancy, Manufacturing contracts, testing contracts (8)

Total Marks 8.00

Institute Marks

8.00

Product development, Consultancy, Manufacturing contracts, Testing Contracts resulting into revenue generation					
Sr. No.	Academic Year	Product	Details	Rate	Revenue
1	2024-25	Coconut Peeling Machine	Workshop manufactured product	300/-	3300/-

2	2023-24	Dice	Workshop manufactured product	6900/-	69,000/-
3	2024-25	Khunti	Workshop manufactured product	50/-	-
4	2023-24	Gavhan	Workshop manufactured product	2100/-	6300/-

5.6 Faculty Performance Appraisal and Development System (FPADS) (30)

Total Marks 30.00

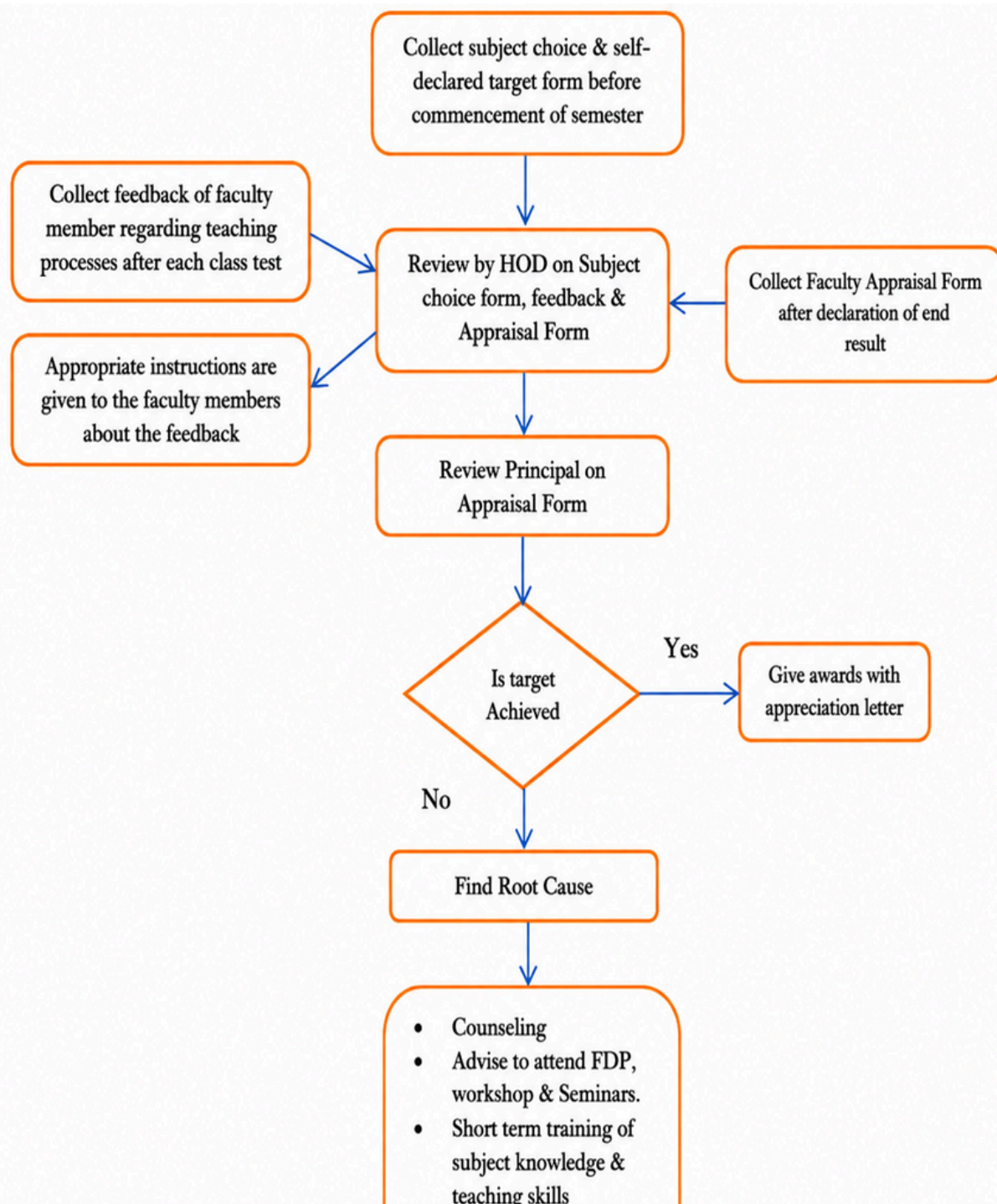
A. A well-defined FPADS instituted for all the assessment years (5)

Institute Marks
5.00

A. Performance based appraisal scheme

Faculty members in higher educational institutions today are required to fulfill a multitude of roles and responsibilities. Beyond teaching, they must engage in innovative research to foster 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.



- Motivation to use innovative teaching aids

STAFF APPRAISAL FORM**Shriram Shikshan Sanstha's****Shriram Institute of Engineering & Technology (Polytechnic), Paniv****Tal-Malshiras, Dist-Solapur-413113**

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

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

			Marks Obtained

Sr.No.	Criteria	Max Marks	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		

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

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 100% awarded with appreciation letter.

Details of Best Teacher award to the faculty:

Sr. No.	Name of Faculty	Academic Year	Department
1	Mr. Gunjegaonkar V.P.	2025-26	Mechanical
2	Mr. Mhetre R.G.	2024-25	Mechanical
3	Mr. Hasabe A.A.	2023-24	Mechanical

- (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 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

Government of Maharashtra has made provision of Quality Improvement Program (QIP).

Under this program, faculties of Polytechnic are deputed by Government of Maharashtra to different renowned institutes for up-gradation of qualification like Ph.D., M. Tech, M.E. etc.

Three faculties of this program have upgraded their qualification while serving in this Institute.

Sr. No	Academic Year	Name of Faculty	Designation	Upgraded Qualification	University/College

01	2016-17	Mr. Lawand Sagar Shashikant	Lecturer in Mechanical (HOD)	M.E. (Design)	S. P. Pune University
02	2022-23	Ms. Budhner Pooja Kumar	Lecturer in Mechanical	M.E. (Design)	S. P. Pune University
03	2023-24	Mr. Kapane Jotiram Ravsaheb	Lecturer in Mechanical	M. Tech Production	DBATU,Lonere

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

The Mechanical Engineering Department of Shriram Institute of Engineering and Technology (Poly.), Paniv has adequate number of class rooms for engaging lectures (core/electives), seminars and tutorials for the program. The classrooms are airy, spacious, acoustically designed. The decent flooring and furniture provide good ambience for study. Furniture in the class room is repaired and maintained by the workshop department. The vision, Mission, POs, and Timetable for that respective classroom is displayed at the dedicated notice board provided.

Department has a seminar hall in sharing to conduct workshop, seminar and guest lectures

The classroom are equipped with following facilities

- Benches and desk
- Green board
- LCD projector
- Smart board
- Internet/wifi
- Adequate lighting arrangements
- Curtains and ventilation provisions
- Knowledge wall and display board
- CCTV Surveillance and safety arrangement
- Proper electrical fitting
- Power backup support (for smartboard)

The classrooms are maintained regularly to ensures cleanliness, safety, and proper working condition of all equipment. The department also uses classrooms for conducting seminar , Class test/Unit test, Board Exam, Project presentation, remedial coaching and co-curricular activities

Table No. 6.1.1 Details of classrooms facilities available in Mechanical Engineering Department.

Sr. No	Room Description	Green board/ Whiteboard	Seating Capacity, Duel Bench	Tube light, Fan	Area Sq. m
1	Mechanical Engineering Classroom 1	Yes	Duel Bench 35	Yes	70
2	Mechanical Engineering Classroom 2	Yes	Duel Bench 35	Yes	70
3	Mechanical Engineering Classroom 3	Yes	Duel Bench 35	Yes	70
4	Mechanical Engineering Classroom 4	Yes	Duel Bench 35	Yes	70
5	Tutorial Room	Yes	Duel Bench 12	Yes	33

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

Adequate number of laboratories and workshops are available for the program to conduct practical as per the curriculum requirements. Centralized workshop is available in the institute having all required equipment, tools, machinery and instruments. Adequate machinery and equipment, hand tools are available in the workshop to develop different skills in manufacturing sector to fulfill the curriculum requirements. All the labs are sufficient taking into consideration the strength of the class/intake. The areas of the labs are as per AICTE norms. The technical supporting staff members are available for each laboratory (Sharing). All labs can accommodate 20-25 students per batch.

The Department has following Laboratories

List of Laboratory (Even Sem)

Sr. No.	Name of The Laboratory	Sem	Capacity of Students/Batch	Room No.	Area in M ²	Detail of Furniture	Remark
1	Metrology & Quality Control/Measurement & Control	IV	20-25	A110	68	Work table, Stools	As per norms
2	Mechanical Engineering Materials	IV	20-25	A109	66	Work table, Stools	As per norms
3	Theory of Machines	IV	20-25	A211	71	Work table, Stools	As per norms
4	Design of Machine Elements	VI	20-25	A 102	70	Work table, Stools	As per norms
5	Industrial Fluid Power	VI	20-25	A103	66	Work table, Stools	As per norms
6	Alternative Energy Sources & Management	VI	20-25	A109	66	Work table, Stools	As per norms

List of Laboratory (Odd Sem)

Sr. No.	Name of The Laboratory	Sem	Capacity of Students/Batch	Room No.	Area in M ²	Detail of Furniture	Remark
1	Thermal Engineering	III	20-25	A110	68	Work table, stools	As per norms
2	Computer Aided Drafting/ Solid Modeling and Additive Manufacturing	III/V	20-25	A 102	70	Computer table, Chairs	As per norms
3	Fluid Mechanics & Machinery	III	20-25	A103	66	Work table, stools	As per norms
4	Power Engg. & Refrigeration	V	20-25		70	Work table, stools	As per norms
5	Automobile Engineering	V	20-25	A211	71	Work table, stools	As per norms

B. Quality of Labs/workshop (20)

Institute Marks

20.00

Shriram Institute of Engineering and Technology (Poly.), Paniv. Mechanical Engineering Department has well equipped laboratories and other necessary infrastructure and eligible technical manpower support to meet curriculum requirement. The details are shown below

- Each lab is provided with separate faculty In-charge and adequate facilities
- For every labs, cleanliness and effectiveness are maintained
- Laboratories and workshops are extensively utilized for practical sessions, project work, skill development, and innovation activities.
- Standard operating procedure (SOP) and charts are provided for better understanding of practicals

- The safety measures like, first aid box and fire extinguisher, are maintained periodically.
- Lab instructions are provided in every labs.
- The display boards like DO's and DONT's, List of experiment are provided.

C. Technical Manpower support –Eligible and Adequate (10)

Institute Marks

10.00

Availability of eligible and adequate technical manpower.

Sr. No.	LAB	Faculty In-charge		Technical Manpower Support		
		Name	Designation	Name	Designation	Qualification
1	Metrology and Measurement	Mr. Ghone S. K.	Lecturer in Mechanical Engineering	Mr. Kengar H. L.	Lab Assistant	Diploma in Mechanical Engineering
2	Thermal Engineering	Mr. Ghone S. K.	Lecturer in Mechanical Engineering	Mr. Kengar H. L.	Lab Assistant	Diploma in Mechanical Engineering
3	Mechanical Engineering Materials	Mr. Mhetre R. G.	Lecturer in Mechanical Engineering	Mr. Kengar H. L.	Lab Assistant	Diploma in Mechanical Engineering
4	Fluid Mechanics and Mechanics	Mr. Gunjegaokar V. P.	Lecturer in Mechanical Engineering	Mr. Tele N.A.	Lab Assistant	Diploma in Mechanical Engineering
5	Computer Aided Drafting & Solid Modeling and Additive Manufacturing	Mr. Salunke K. H.	Lecturer in Mechanical Engineering	Mr. Pathan T. B.	Lab Assistant	MCVC(AE)
6	Theory of Machines	Mr. Jagtap A. A.	Lecturer in Mechanical Engineering	Mr. Pathan T. B.	Lab Assistant	MCVC(AE)
7	Power Engineering & Refrigeration	Mr. Khandare V. S.	Lecturer in Mechanical Engineering	Mr. Tele N.A.	Lab Assistant	Diploma in Mechanical Engineering
8	Automobile Engineering	Mr. Jagtap A. A.	Lecturer in Mechanical Engineering	Mr. Pathan T. B.	Lab Assistant	MCVC(AE)
9	Industrial Fluid Power	Mr. Gunjegaokar V. P.	Lecturer in Mechanical Engineering	Mr. Tele N.A.	Lab Assistant	Diploma in Mechanical Engineering
10	Design of Machine Elements	Mr. Salunke K. H.	Lecturer in Mechanical Engineering	Mr. Pathan T. B.	Lab Assistant	MCVC(AE)

11	Black Smithy and moulding	Mr. Kapane J. R.	Workshop Superintendent	Mr. Patel S. I.	Foreman	Diploma in Automobile Engineering
12	Welding	Mr. Kapane J. R.	Workshop Superintendent	Mr. Rupnavar H. M.	Workshop Instructor	ITI
13	Carpentry & Pattern Making	Mr. Kapane J. R.	Workshop Superintendent	Mr. Sathe R. B.	Workshop Instructor	ITI
14	Fitting	Mr. Kapane J. R.	Workshop Superintendent	Mr. Malgatte D. V.	Workshop Instructor	ITI
15	Sheet Metal and Plumbing	Mr. Kapane J. R.	Workshop Superintendent	Mr. Patel S. I.	Foreman	Diploma in Automobile Engineering
16	Machine Shop	Mr. Kapane J. R.	Workshop Superintendent	Mr. Kulal S. S.	Workshop Instructor	ITI & BA
17	Plumbing	Mr. Kapane J. R.	Workshop Superintendent	Mr. Patel S. I.	Foreman	Diploma in Automobile Engineering

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	Metrology and Qi	20	Optical profile pro	4	Mr. Kengar H. L	Lab Assistant	Diploma in Mech;
2	Thermal Enginee	20	Thermal Conduct	4	Mr. Kengar H. L	Lab Assistant	Diploma in Mech;
3	Mechanical Engi	20	Digital Rockwell I	4	Mr. Kengar H. L	Lab Assistant	Diploma in Mech;
4	Fluid Mechanics	20	Pelton Wheel Tur	4	Mr. Tele N. A.	Lab Assistant	Diploma in Mech;
5	Computer Aide a	20	CAD Software (L	8	Mr. Pathan T. B.	Lab Assistant	MCVC(AE)

6	Theory of Machir	20	-	4	Mr. Pathan T. B	Lab Assistant	MCVC (AE)
7	Power Engg. & R	20	Morse test for m	2	Mr. Tele N. A.	Lab Assistant	Diploma in Mech:
8	Automobile Engir	20	LPG/CNG kit.	2	Mr. Pathan T. B	Lab Assistant	MCVC (AE)
9	Industrial Fluid P	20	Hydraulic Trainer	2	Mr. Tele N. A.	Lab Assistant	Diploma in Mech:
10	Design of Machir	20	-	2	Mr. Pathan T. B	Lab Assistant	MCVC (AE)

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

The Mechanical Engineering Department has created several additional facilities in laboratories to enhance the learning experience of students. These facilities support practical understanding and industry oriented knowledge.

- 1. Knowledge Wall
- 2. Practical Video
- 3. Internet Facility
- 4. Departmental Library
- 5. Digital Library
- 6. Models
- 7. Charts
- 8. Projector
- 9. Open Source Software

B. Effective Utilization (5)

Institute Marks

5.00

Sr. No.	Facility Name	Details	Reason(s) for creating facility	Utilization

1	Knowledge Wall	Course objectives and course outcomes of subject	Students get aggregate information about subject	36 Hrs.
2	Practical Video	Links of practical videos are given	Understandings of practical become easier.	36 Hrs.
3	Internet Facility	LAN Connection to all PCs, wifi	Gathering Information	36 Hrs.
4	Departmental Library	textbooks, reference materials, project reports, and past examination papers	To bridge the gap between hands-on practical work and theoretical research	36 Hrs.
5	Digital Library	QR codes for E content, EBooks, E Magazines, NPTEL Video lectures by Expert from IITs and NITs	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	Througho ut the semester Students access the e-Books on PCs available
6	Models	Models of Mechanical related subjects are kept in lab	To give better understanding of subject	Faculty Students can easy access the models
7	Charts	All labs are provided with charts	provide vital visual aids and practical tools to bridge the gap between theoretical	36 Hrs.
8	Projector	Epson	to transform theoretical concepts into highly engaging, visual learning experiences.	Throughout the Semester
9	Open Source Software	Auto CAD Software	hands-on learning. To maximize the learning experience, modern facilities integrate cloud-based infrastructure,	Throughout the Semester

C. Relevance to POs/PSOs (5)

Institute Marks

5.00

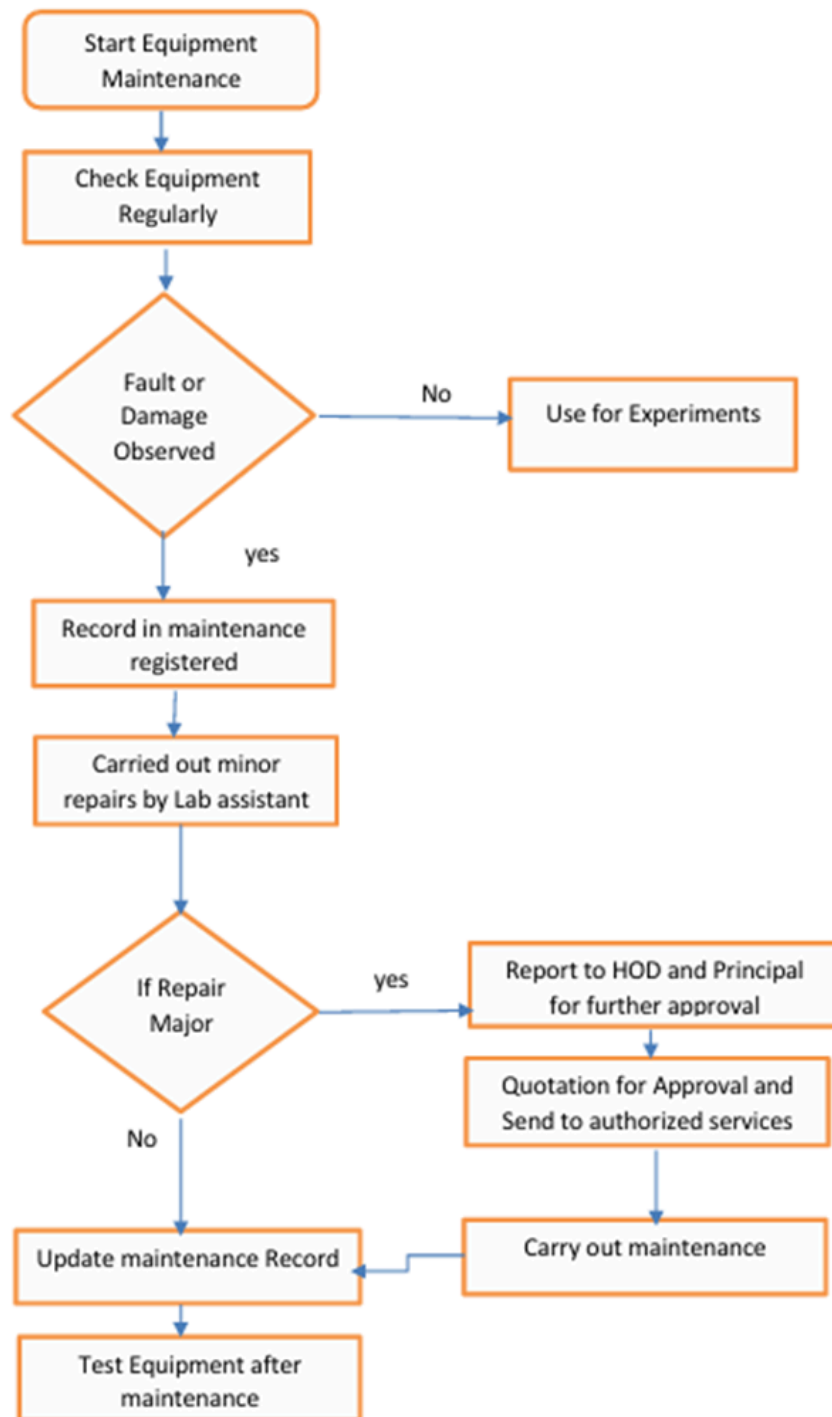
Sr. No.	Facility Name	Relevance to POS/ PSOs
1	Knowledge Wall	All POs ,PSO1, PSO2
2	Practical Video	All POs ,PSO1, PSO3
3	Internet Facility	All POs ,PSO1, PSO4
4	Departmental Library	PO1, PO2, PO6, PO7, PSO1
5	Digital Library	PO1, PO2, PO3, PO7, PSO1
6	Models	PO1, PO2, PO4, PO7, PSO2, PSO3
7	Charts	PO1, PO2, PO4, PO7, PSO2, PSO3
8	Projector	PO2, PO3, PO7, PSO1
9	Open Source Software	PO1, PO4, PO7, PSO

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	Knowledge Wall	Course objective:	Students get agg	36	Course competency and carr	All POs ,PSO1, F
2	Practical Video	Links of practical	Understandings c	36	Course competency and carr	All POs ,PSO1, F
3	Internet Facility	LAN Connection	Gathering Inform	36	Course competency and carr	All POs ,PSO1, F
4	Departmental Lib	textbooks, refere	o bridge the gap	36	Course competency and carr	PO1, PO2, PO6,
5	Digital Library	QR codes for E c	Student will get a	Througho ut the :	Courses in curriculum and be	PO1, PO2, PO3,
6	MOdels	Models of Mecha	To give better unc	Faculty Students	All courses in mechanical en	PO1, PO2, PO4,
7	Charts	All labs are provi	provide vital visu:	36	All courses in mechanical en	PO1, PO2, PO4,
8	Projector	Epson	to transform theo	Throughout the S	Upgrading lab facilities bridg	PO1, PO2, PO4,
9	Open Source Sol	Auto CAD Softwæ	hands-on learninç	Throughout the S	These facilities enhance stuc	PO1, PO2, PO3,

6.4 Laboratories: Maintenance and overall ambiance (10)

Total Marks 10.00

Institute Marks



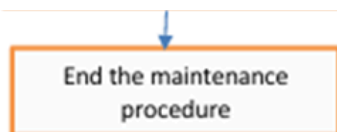


Fig. Flowchart of Maintenance process

All the laboratories are equipped with necessary equipment. All the labs are well lit and continuous power supply which ensures unhindered working in the lab. Lab assistant maintains a stock register detailing the equipment history within it. One teaching faculty and lab assistant are in charge of the overall functioning.

Maintenance of laboratory equipment-

1. Regular checkup of all lab equipment and computers is carried out as and when required
2. Maintenance register is maintained in the required laboratories.
3. As per requirement minor repairs are carried out by lab assistant and faculty members.

Some of the maintenance activities carried out as listed below.

1. Greasing and oiling of mechanical machineries.
2. Renewal and subscription of computer antivirus software.
3. Up gradation of available software's to latest version.
4. Renovation and maintenance of machinery/ equipment through student project.
5. Regular cleaning and housekeeping is carried out as per the housekeeping schedule.

Overall Ambiance:

1. Laboratory manuals prepared by MSBTE are followed
2. All laboratories are well furnished.
3. All laboratories have sufficient light, good ventilation with tubes and fan arrangement.
4. Overall ambience is good.
5. Labs have capacity of handling a batch 20-25 students.
6. Safety precautions are displayed.
7. Labs are provided with various charts which are self-explanatory and few charts are prepared by students.

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	24	1:6	Anti-Virus-Net P,	LAN with internet	All in one HP Las

6.6 Language lab (10)

Total Marks 10.00

Institute Marks

10.00

The institute provides a well-equipped centralized Language Laboratory facility which is accessible to all students of the Mechanical Engineering Department. The language laboratory is established to improve students' communication skills, professional competence, listening ability, pronunciation, vocabulary, and employability skills. 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. The laboratory is equipped with modern language learning tools, audio-visual resources, and internet-enabled systems to facilitate interactive and self paced learning.

Table 6.6.1- Details of Institute Language Lab.

Language Laboratory	Number of Computer Terminals	Details of Software used	Types of Experiments	Details of Networking	Guidance Available
Available	20 +1	Window 10 Biyani Technology	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 - 20	Two faculty members are involved in helping students to use the lab.

Table No. 6.6.2: Language Laboratory Equipment Detail

Sr.No.	Particular	Details
1	PCs	21
2	Digital LAN Based Interactive Language Lab with Biyani Software	1
3	Headphone	21
4	Internet access	For All PCs

Table 6.6.3: Language Laboratory Learning Resources

Sr. No.	Skills	Learning Resources
1	Listening	Biyani Language lab software
2	Speaking	
3	Reading	
4	Writing	
5	Vocabulary	
6	English Grammar	
7	Phonetics	

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	2.5	1.49	Attainment is 59.60 % of target value. Some students find it difficult to understand Mathematics, Engineering mechanics, and Engineering Graphics. ▲▼
Action 1: Students are asked to write formulae repeatedly. Action 2: Given old question paper model answer Action 3: Assignments are given to assess the performance of students.			
PO 2 : Problem analysis			
PO 2	1.75	1.13	Attainment is 64.57 % of target value.Improvement is needed in performance in Analytical Subjects. ▲▼
Action 1: Solved problems in previous years question papers. Action 2: Subject teacher explains the students the relation between theory and practical. Action 3:Application oriented numerical conducted to bridge gap between theory and practical.			
PO 3 : Design/ development of solutions			
PO 3	1.47	0.94	Attainment is 63.95 % of target value. Students find difficulty in developing the design. problem-solving skills. ▲▼
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	1.81	1.17	Attainment is 64.64% 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 Action 2: 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	1.26	0.74	Attainment is 58.73 % 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 IEI, IE(I)etc.to build relationship with outside world and contribute to the needs of society.			
PO 6 : Project Management			

PO 6	1.69	1.14	Attainment is 67.46 % of target value. Students are facing difficulties in communication, presentation skill, Planning, allocating responsibilities and setting time lines to meet goals and management
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	1.43	0.93	Attainment is 65.03 % 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
------	--------------	------------------	--------------

PSO 1 : Modern Software Usage: Use latest mechanical engineering related software for simple design, drafting, manufacturing, maintenance and documentation of Mechanical components and processes.

PSO 1	1.8	1.13	Attainment 62.78% of target value. Some students not comfortable with mechanical engineering software.
Action 1: Students are encouraged to use software on their laptops so as to familiarize with it. Action 2: Arranged various training programs to use modern software. (CREO) Action 3: Students are given easy and small problems to solve through software.			

PSO 2 : Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instruments in field of Mechanical Engineering.

PSO 2	1.78	1.07	Attainment is 60.11% of target value. Some students have lack of knowledge and interest to handle instruments and equipment.
Action 1: Industrial visits are arranged to learn actual machineries. Action 2: Industrial training and internship are arranged. Action 3: Students are involved in workshop and simple maintenance of equipment is completed through them.			

PSO 3 : Manage Mechanical Process: Manage the Mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for particular mechanical process or job for economy of operations.

PSO 3	1.55	1.01	Attainment is 65.16 % of target value. Students are facing difficulties to learn quality control techniques and operational parameters
Action 1: Encourage students to connect with industry and experts for valuable insights and guidance. Action 2: Students encouraged solving more problems on quality control techniques. Action 3: Arranging industrial visit to learn quality control techniques and operational parameters in process industries.			

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)	0.01	0.00	0.00

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)	1.01	0.88	0.97

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)	1.04	0.10	0.00

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	03	06	03

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. 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:

2.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. Categorize 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. Onet o one contact 2. Academic difficulties 3. Personal difficulties. 4. Social difficulties.

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 stipulatedperiod.The difficulties/problems are solved by direct interaction.

5.Allround 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 by Gymkhana.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, नाटकेने जिंकली उपस्थितांची मने पानीव येथे सार्थक २०२६ स्नेहसंमेलन

बोंडले, ता. १० : भरतनाट्यम्, 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 पूजनाने करण्यात आली. यावेळी वेळापूरचे सहायक पोलीस

निरीक्षक भाऊसाहेब गोसावी, श्रीराम शिक्षण संस्थेचे अध्यक्ष प्रकाश पाटील, मार्गदर्शक श्रीलेखा पाटील, उपाध्यक्ष करण पाटील, सचिव अॅड. अभिषेक पाटील, विशेष कार्यकारी अधिकारी दिनेश शिंदे, भाऊसो वणवे, प्रमोद झगडे, विनोद वावर सर्व विभागांचे प्राचार्य, शिक्षक व शिक्षकेतर कर्मचारी व विद्यार्थी 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



Paniv, Maharashtra, India
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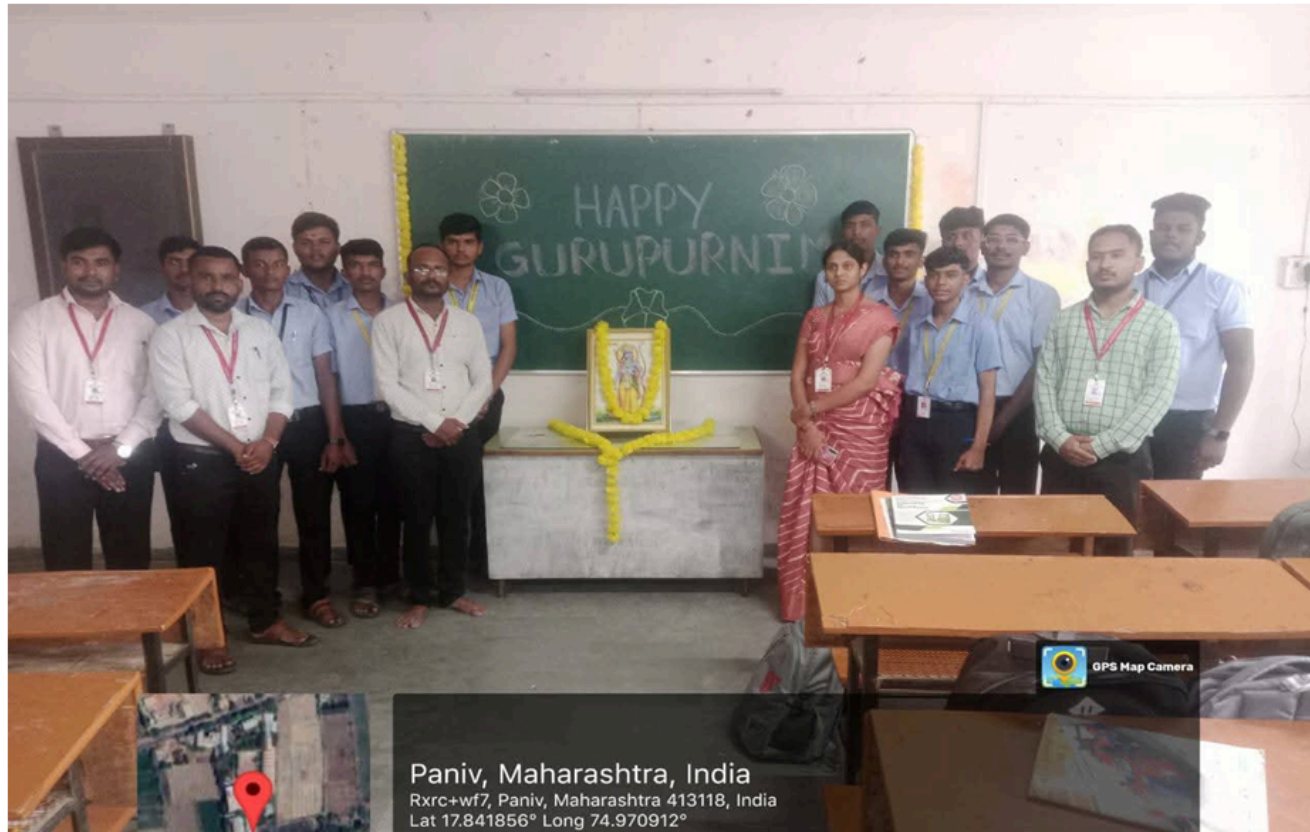
Cultural Event



Tree plantation



Yoga & Meditation



Teachers Day Celebration Program

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

8.2 FEEDBACK ANALYSIS AND REWARD/CORRECTIVE MEASURES TAKEN IF ANY (10)

1. Methodology being followed for feedback collection, analysis and its effectiveness (5)

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 chairmanship of 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. RecordOfcorrectivemeasurestaken

- 1. Feedback collected for all courses: YES
- 2. Feedback collection Process:

Shriram Shikshan Santha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Mechanical Engineering Department



Action Taken Report on Student Feedback about Curriculum

Academic Year: 2025 – 2026

Introduction

Student feedback regarding the curriculum was collected through structured feedback forms to evaluate the effectiveness, relevance, and quality of the curriculum. The feedback was analyzed by the department and necessary actions were taken to improve teaching-learning processes and curriculum delivery.

Summary of Student Feedback

The major observations received from students are listed below:

Sr. No.	Feedback Received from Students	Action Taken by Department
1	Students requested more practical-oriented teaching methods	Additional practical demonstrations, laboratory sessions, and hands-on activities were introduced
2	Need for inclusion of recent industrial trends and technologies	Faculty members incorporated industry-oriented examples, case studies, and emerging technologies during lectures
3	Students suggested organizing more guest lectures and workshops	Expert lectures, technical seminars, and workshops by industry professionals were planned and conducted

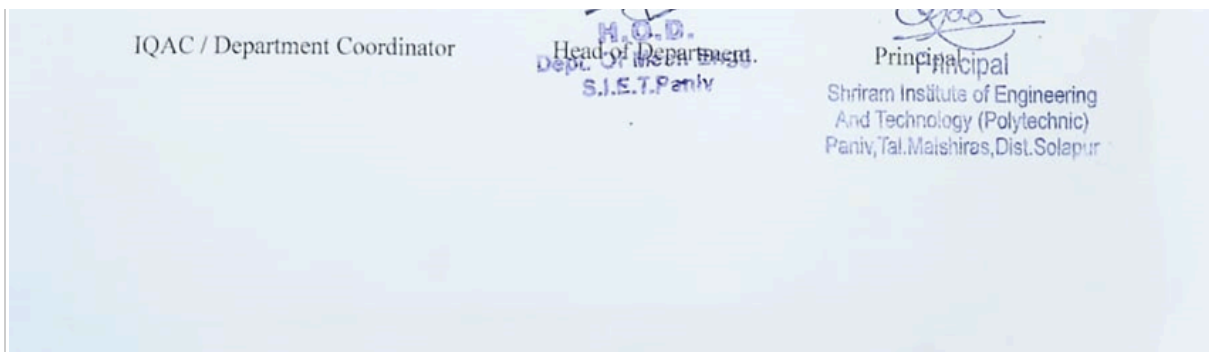
Conclusion

The institution values student feedback as an important tool for continuous improvement. Based on the feedback received, necessary corrective and developmental measures were implemented to enhance curriculum delivery, student learning experience, and overall academic quality.

Prepared By:

Reviewed By:

Approved By:



CourseFeedback

- 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.

3. Averagepercentageofthestudentwhoparticipate:

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.

4. Feedbackanalysisprocess:

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.

5. BasisofReward/correctiveMeasures,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).

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.

K15

Maharashtra State Board of Technical Education
STUDENT FEEDBACK

Institute Name:
Academic Year
Programme:

Semester:

Date

Name of the Faculty:

Enrol. No.	Parameter (Each Parameter to be assessed on the scale of 1 to 5 (1- Lowest & 5- Highest)	Max Marks 25
	Coverage of syllabus	
	Covering relevant topics beyond the syllabus	
	Effectiveness in terms of technical contents / course contents	
	Effectiveness in terms of communication skills	
	Effectiveness in terms of Teaching aids	
	Motivation and inspiration for students to learn in self-learning mode	
	Support for development of student skills: Practical Performance	
	Support for development of student skills: Project and Seminar preparation	
	Feedback provided on student progress	
	Punctuality and discipline	
	Domain Knowledge	
	Interaction with students	
	Ability to resolve difficulties	
	Encourage to participate in cocurricular activities	
	Encourage to participate in Extracurricular activities	
	Guidance during Internship	
	TOTAL MARKS	
	MARKS OUT OF 25	
	Average Marks Obtained out of 25	

Signature of HoD
Name



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Panvel, 40994
Tal- Malshiras, Dist:- Solapur, Pin Code- 413113

Mechanical Engineering Dept.

Email Id:-sietpolymech@gmail.com

Mobile Number: 9730150994

Academic Year - 2025-26

Program:- Mechanical Engg Semester:- III Date of Feedback:-

Ratings:- Please rate the response in the scale of 1 to 5 that represents your opinion

5:Excellent

4:Very Good

3:Good

2:Average

1:Poor.

Sr. No	Parameter to be Assessed on the Scale of 1 to 5 (1-Lowest & 5- Highest)	Course & Code	STRENGTH OF MATERIALS- 313308	FLUID MECHANICS AND MACHINERY- 313309	THERMAL ENGINEERING- 313310	PRODUCTION DRAWING- 313311	BASIC ELECTRICAL AND ELECTRONICS- 312020	ESSENCE OF INDIAN CONSTITUTION- 313002	COMPUTER AIDED DRAFTING- 313006	FUNDAMENTALS OF PYTHON PROGRAMMING-
		Name of Faculty	Mr. Mehtre R.G.	Mr. Lawand S.S.	Mr. Ghone S.K.	Ms. Salunke P.A.	Mr. Kale M.D.	Mr. Ghone S.K.	Mr. Salunke K.H.	Mr. Doshi S.
1.	Knowledge base of the faculty		4	4	5	5	4	5	5	5
2.	Presentation and Communication skills		4	3	4	5	4	4	5	5
3.	Sincerity / dedication of the faculty		4	4	5	5	4	5	5	5
4.	Availability of the Faculty in and out of the class to resolve problems.		4	3	4	5	4	4	4	4
5.	Effective use of teaching aids.		3	4	4	5	4	5	5	5
6.	Relevance of course material		3	3	5	4	4	4	4	4
7.	Ability to assimilate course material with environment / other issues		4	4	5	5	4	5	5	5
8.	Clarity in assesment and evaluation		4	3	4	4	5	5	4	4
9.	Exam oriented remedial coaching		3	4	5	5	5	5	5	5
10.	Guidance and counselling about higher education/ placement/ careers.		3	4	5	5	5	5	5	5

Specimen feedback for mof Mechanical Engineering Department

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.



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv (0994)

Tal :- Malshiras, Dist :- Solapur, Pin Code- 413113

Mechanical Engineering Dept.

Academic Year 2024-2025

APPRECIATION LETTER

Ref No SSS/SIET/2024-257

Date: - 11/11/2024

To,
The Lecturer
Mechanical Engg. Dept.
SIET (Poly),
Paniv.

Subject: Commendation for Excellence.

Dear Mr. Khanchogale P.B.

I am writing to formally express my appreciation for your outstanding contributions to the subject Advanced Manufacturing Processes at CAMP-22563 Mechanical Engineering Department this year.

Specifically, I wanted to highlight Knowledge about the Subject, Presentation & Communication skills, Clarity in assessment and evaluation. The impact of your work is evident in the newfound confidence in your students / improved test scores / positive feedback from Students.

It is rare to find an educator who balances **rigorous academic standards** with such **genuine empathy**. You are not just teaching a subject; you are building a future for these students,

and it does not go unnoticed.

Thank you for your hard work and for being an inspiration to your peers.

Sincerely,

H.O.D



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv (0994)

Tal :- Malshiras, Dist :- Solapur, Pin Code- 413113

Mechanical Engineering Dept.

Academic Year 2024-2025

ACTION TAKEN REPORT

Ref No SSS/SIET/2024-25/

Date: - 14/10/2024

To,
The Lecturer
Mechanical Engg. Dept.
SIET (Poly),
Paniv.

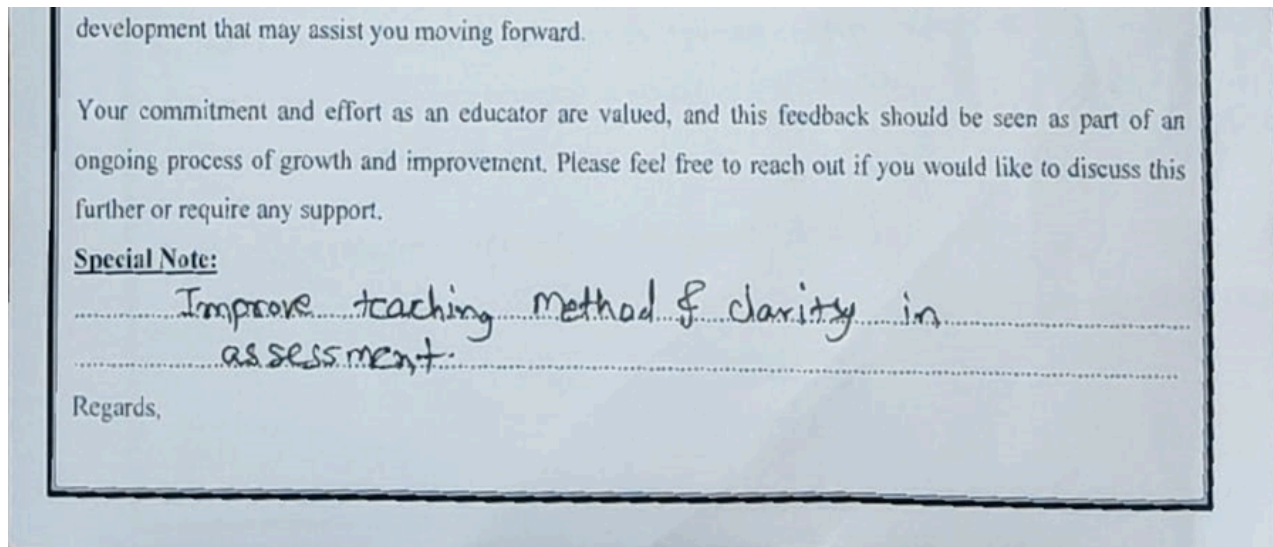
Subject- Improvement in Academic performance based on student feedback.

Dear Mr. Jashi R.D. you teach Power Plant Engineering this
Course for the Fifth Semester in academic year 2024-2025

I am writing to you regarding the recent student feedback that was shared with the Head of Department. I understand that receiving feedback can be challenging, and I would like to emphasize that the primary purpose of this process is to support continuous improvement in teaching and learning, rather than to assign blame.

Student feedback, while sometimes difficult to read, can provide useful insight into how teaching practices are experienced from the learner's perspective. The intention is to reflect on this feedback constructively and to identify areas where small adjustments may enhance student engagement and understanding.

I would encourage you to review the comments with an open and reflective mindset, focusing on patterns or themes that may point to opportunities for development. If you feel it would be helpful, we can arrange a discussion to explore practical strategies, share good practices, or identify any support or professional



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

8.3 Feedback on Facilities**A. Student feedback on facilities, analysis and corrective action taken (5)**

Feedback on Facility is used to assure the efficient utilization of resources provided by the institute. It also aims to find out scope for further improvement in providing and utilization of these resources. The feedback is collected once in year from students on teaching learning resources, departmental facilities and central facilities.

Students are asked to give their suggestions on various facilities available in the institute like

- Classrooms facility
- Laboratory facility
- Library Resources
- Availability of CCTV
- Sports facility
- Drinking Water
- Hostel
- Campus cleanliness
- Canteen facility

- Washroom
- Internet
- ATM
- TPO Cell
- Medical facility
- Transportation

As a part of Continuous Quality Improvement, your feedback is valuable as it helps us to develop and improve our standards on facilities and services. How do you rate following facilities, services and infrastructure at SIET(Poly) Paniv College on a scale of 5 to 1

5: Excellent 4: Very Good 3: Good 2: Satisfactory 1: Poor

Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
SHIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (POLYTECHNIC), PANIV
Program : MECHANICAL 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	☐	☐	☐	☐	_____



Classrooms and laboratory infrastructure



Reading Hall



COLLEGE-LIBRARY



Girls-Hostel-1



Girls-Hostel-2



Boys-Hostel-Building



Hostel-Waiting-room-1



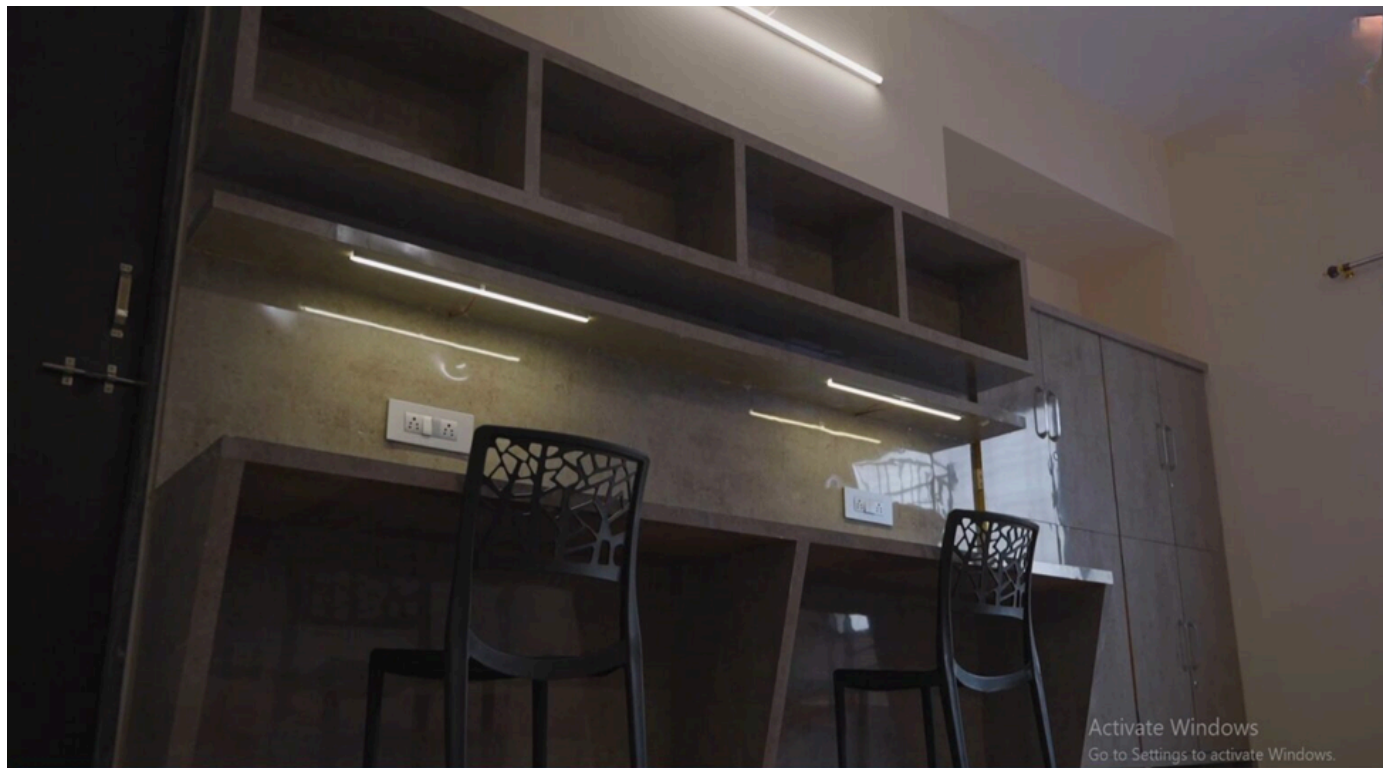
Sport-Ground-1



Sport-Ground-2



Hostel-Mess-1



Hostel-Reading Room



ATM

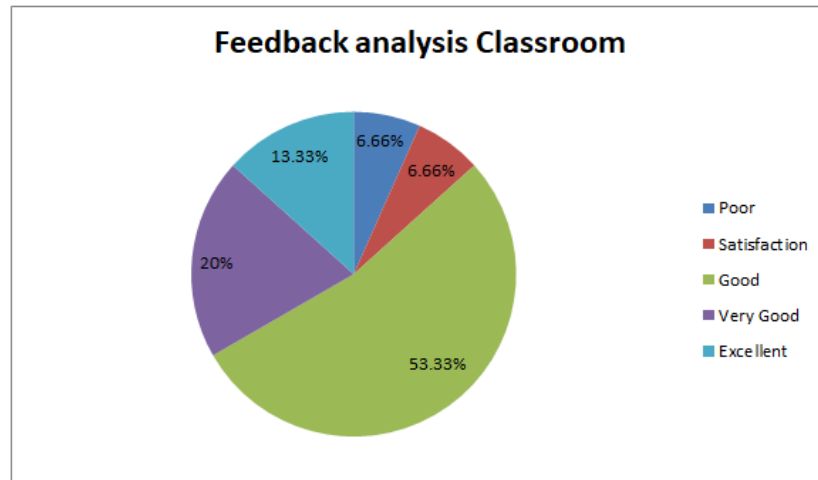


Language Lab

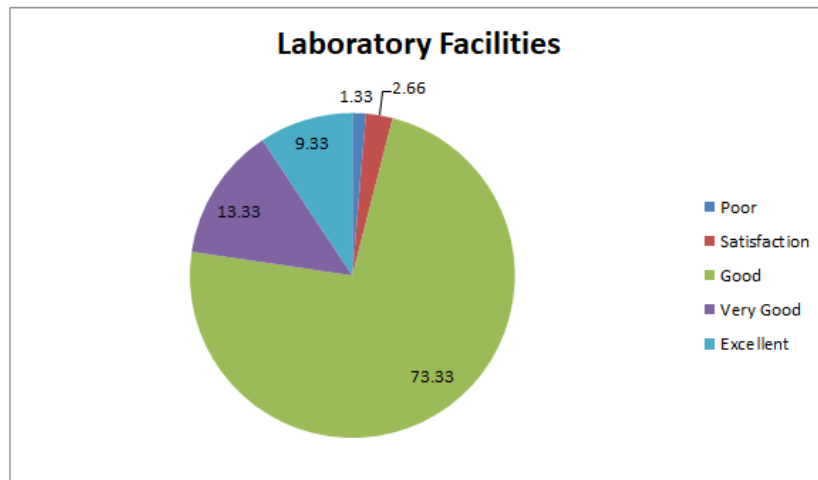
Any Other suggestion for overall improvement:

II. Feedback analysis:

1. On a scale of 1-5 How would you rate the following facilities at your college (LCD Projector and Smart board, Cleanliness ,ventilation and sunlight and Sufficient Benches)

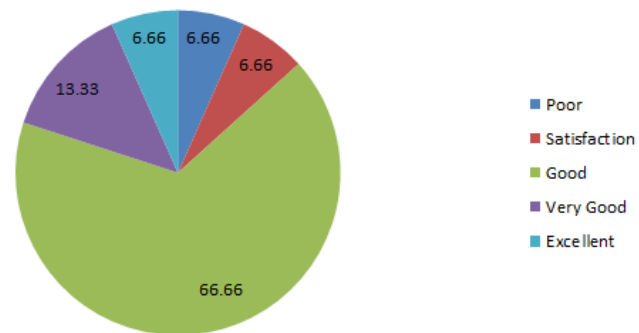


2) How do you rate the **Laboratory Facilities** (equipment, availability of instruments, maintenance)



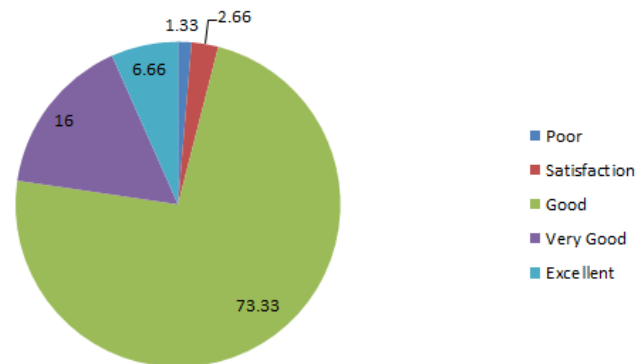
3) How do you rate the library resources provided by the institution (books, journals, e-resources, digital library, seating arrangements, and library services)?

Feedback Analysis library resources

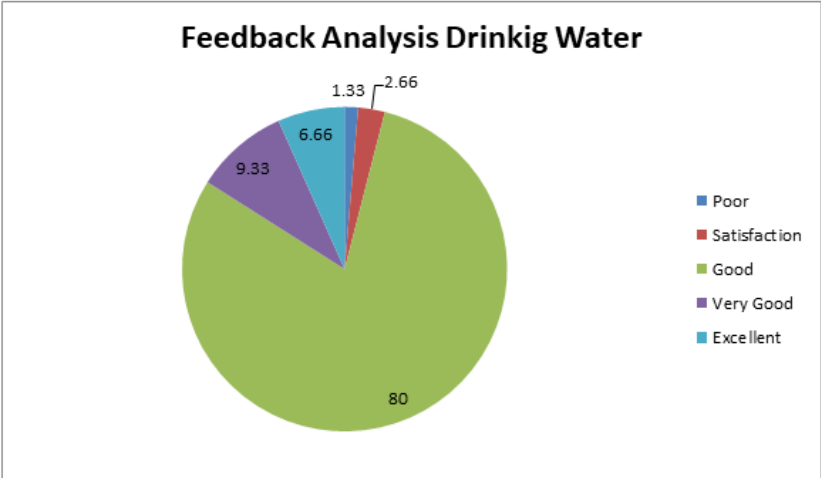


4) How do you rate the **Availability of CCTV and Campus Security**?

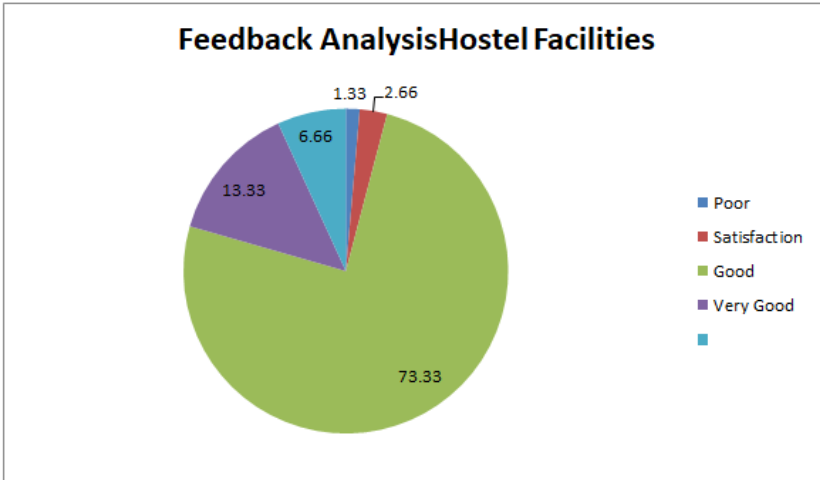
Feedback Analysis CCTV Facilities



5) How do you rate the **Drinking Water Facilities** (availability, cleanliness, and quality)?



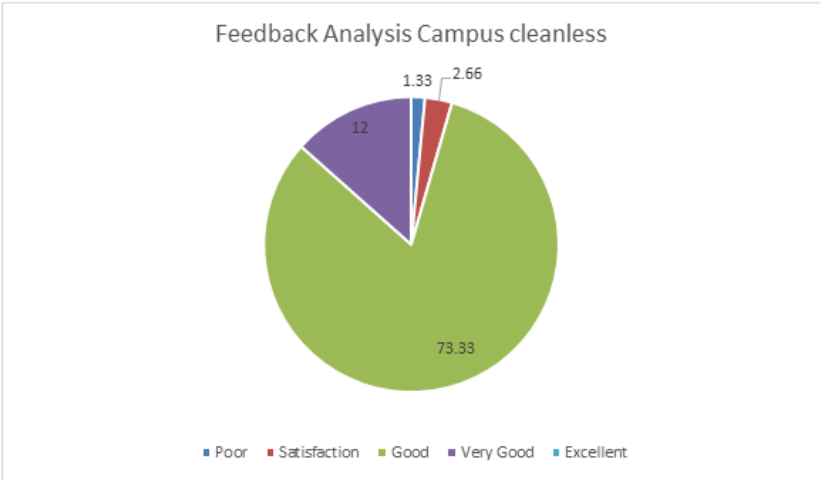
6) How do you rate the **Hostel Facilities** (cleanliness, security, accommodation, and amenities



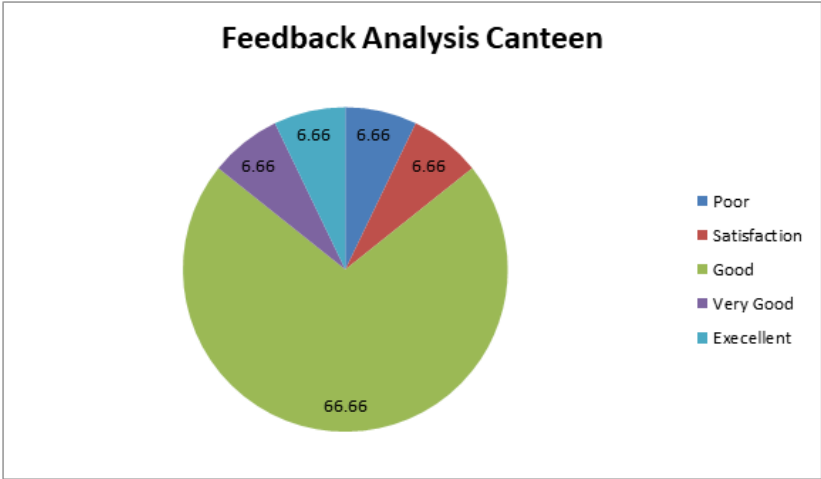
7) How would you rate the sport facility?



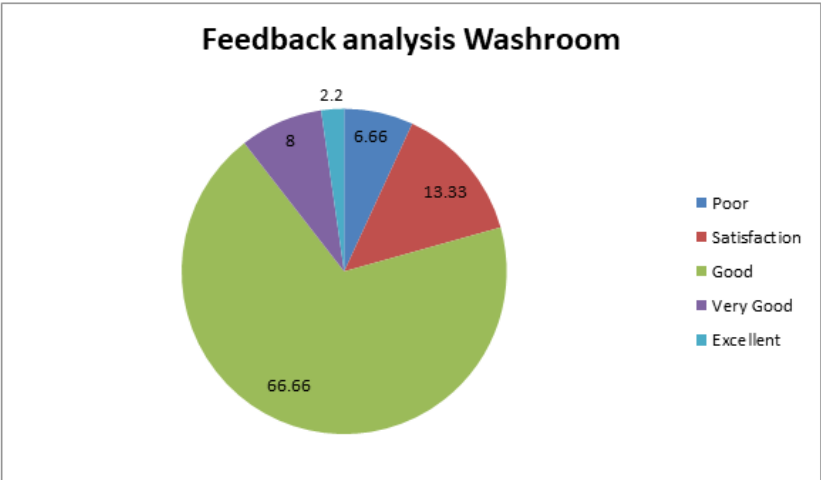
8) How do you rate the **Campus Cleanliness**?



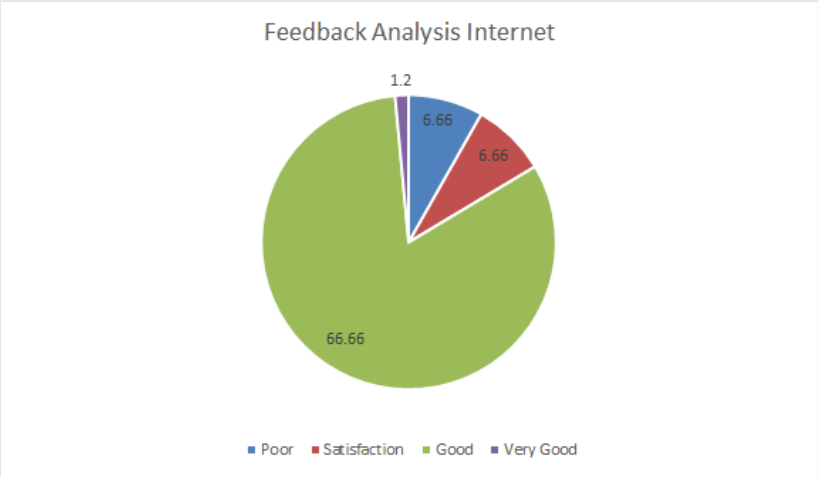
9) How would you rate the overall ambience and atmosphere of the canteen(Food prices ,seating arrangement, variety of food, cleanliness and hygeiene)



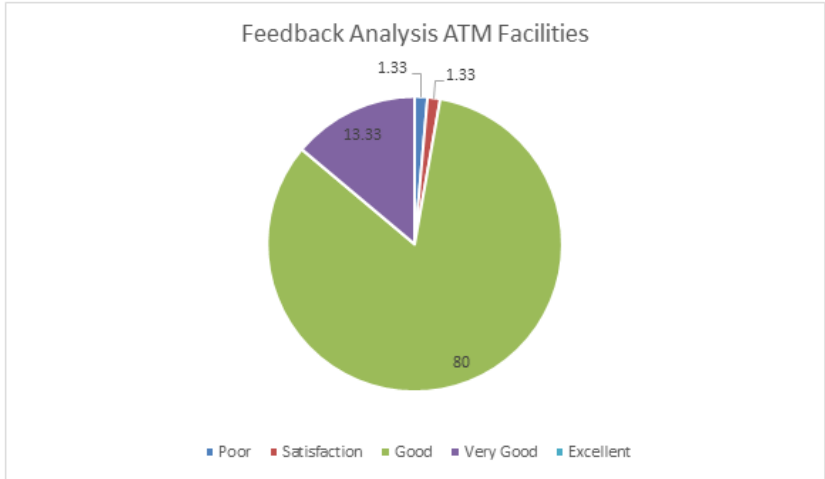
10) How would you rate the overall satisfaction with the washroom facilities in the college? is there any specific aspect that you would like to highlight 1)well maintained washroom 2) for disabled person



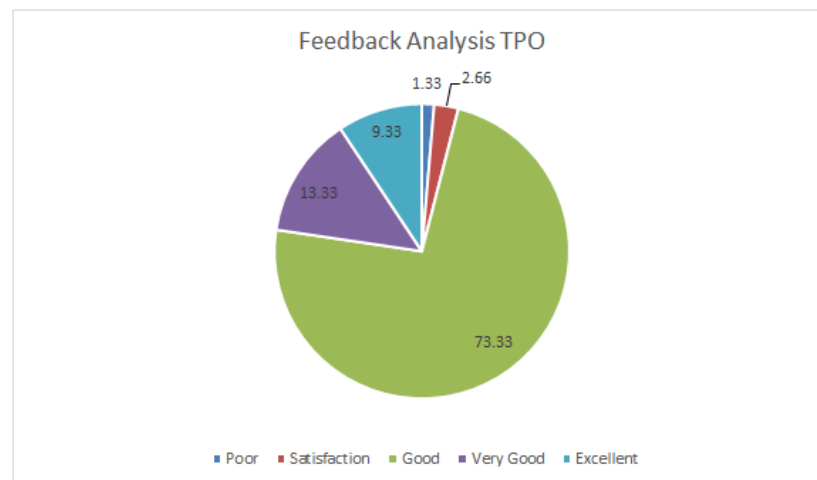
11) Internet



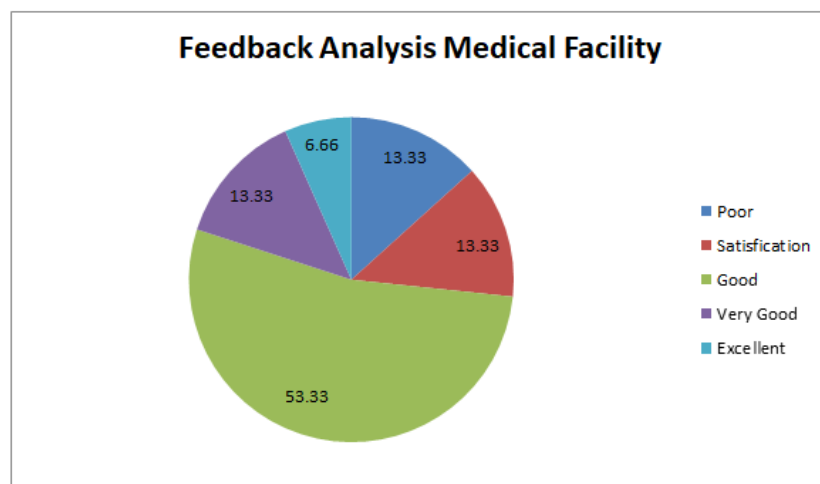
12) How do you rate the **ATM Facility** available on or near the campus?



13) How do you rate the services provided by the **Training and Placement Office (TPO)**?



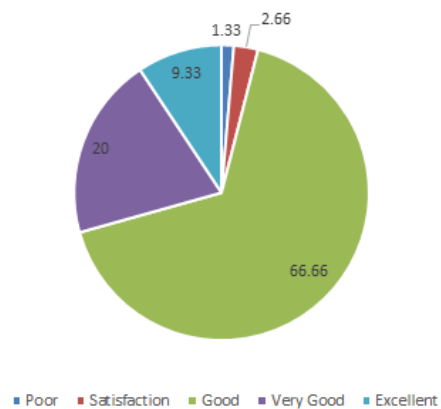
14) Are you satisfied with medical facility in our college ?rate on scale 1to 5 a) availability ability of emergency medicine and first aid kit



Corrective action taken for feedback on Facilities:

The suggestions and complaints received are addressed through formal meetings, and appropriate remedial measures are implemented to resolve the issues effectively.

15) How do you rate the Transportation Facilities provided by the institution?

Feedback Facilities **Transportation Facilities****Corrective Measures/Action Taken**

Que.No	Questions	Poor	Satisfactory	Good	Very Good	Excellent	Avarage
1	On a scale of 1-5 How would you rate the following facilities at your college (LCD Projector and Smart board, Cleanliness ,ventilation and sunlight and Sufficient Benches)	6.66	6.66	53.33	20	13.33	100
2	How do you rate the Laboratory Facilities (equipment, availability of instruments, maintenance)?	1.33	2.66	73.33	13.33	9.33	100
3	How do you rate the library resources provided by the institution (books, journals, e-resources, digital library, seating arrangements, and library services)?	6.66	6.66	66.66	13.33	6.66	100
4	How do you rate the Availability of CCTV and Campus Security?	1.33	2.66	73.33	16	6.66	100

5	How do you rate the Drinking Water Facilities (availability, cleanliness, and quality)?	1.33	2.66	80	9.33	6.66	100
6	How do you rate the Hostel Facilities (cleanliness, security, accommodation, and amenities)?	1.33	2.66	73.33	13.33	6.66	100
7	Sports Facilities	6.66	6.66	73.33	6.66	6.66	100
8	How do you rate the Campus Cleanliness ?	6.66	6.66	66.66	6.66	6.66	100
9	How would you rate the overall ambience and atmosphere of the canteen (Food prices ,seating arrangement, variety of food, cleanliness and hygiene)	6.66	6.66	66.66	6.66	6.66	100
10	How would you rate the overall satisfaction with the washroom facilities in the college? is there any specific aspect that you would like to highlight 1) well maintained washroom 2) for disabled person	6.66	6.66	66.66	6.66	6.66	100
11	Internet	6.66	6.66	66.66	20	5.33	100
12	How do you rate the ATM Facility available on or near the campus?	1.33	1.33	80	13.33	4	100
13	How do you rate the services provided by the Training and Placement Office (TPO) ?	1.33	2.66	73.33	13.33	9.33	100
14	Are you satisfied with medical facility in our college ?rate on scale 1 to 5 a) availability ability of emergency medicine and first aid kit Corrective action taken for feedback on Facilities:	13.33	13.33	53.33	13.33	6.66	100

15	How do you rate the Transportation Facilities provided by the institution?	1.33	2.66	66.66	20	9.33	100
	Total	69.26.	74.61	1033.27	191.95	110.59	
	Avarage	4.19	4.97	68.88	12.77	7.37	

8.4 Career Guidance, Training, Placement (20)

Total Marks 20.00

Institute Marks

20.00

8. CAREER GUIDANCE, TRAINING, PLACEMENT (20)

A. Availability (05)

A dedicated Training and Placement Cell is established at the institute to oversee placement-related activities. A senior faculty member is assigned the responsibility of coordinating and managing all training and placement functions. Career guidance activities are regularly conducted at the institute and programme levels to support students in planning and achieving their professional goals.

B. Management (10)

1. Career Guidance:

a. Objectives:

- a. To develop competencies that support the overall and holistic development of the individual.
- b. To identify and nurture various skills among students.

b. Activities:

Expert lectures are organized by the departments as per academic and professional requirements. Faculty members also provide guidance and mentoring to students regarding career development and future opportunities.



Career guidance program on Opportunities in Competative Exams



Career guidance program on Opportunities in German Languages



Personality Development program

Training and Placement :

a. Objective:

- a. To Enrich Industry –Institute Interaction
- b. Identify Various Industries for In-Plant Training
- c. Identify the Industries for placement of the students
- d. To make the students aware about the career options available for them
- e. To arrange campus recruitment drives

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. Career guidance and counseling for higher studies
- b. Industrial Visit to give exposure to faculty and students
- c. Industry expert lectures
- d. Internship

- e. Arranging Entrepreneurship awareness program
- f. MOUs with industries



Company Placement program



Kirloskar Oil Engine walk in interview program at institute

C. Effectiveness (05)

Placement Data of Mechanical Engineering Department students

Sr. No.	Year	Name of Industry	No. of students Selected
01	2025-26	Bharat Forge Mundhwa ,Pune	19
		Midas Metrology Solutions Pune	03
		Equimech Engineering India Pune	01

		Kriloskar oli engine Pvt Ltd ,Kolhapur	07
02	2024-25	Skytech Industries LLP,Pune	01
		Spraytech Systems (India) Pvt. Ltd.Loni Devkar MIDC,Indapur	03
		Wirtgen India Pvt. Ltd,Sansawadi.Pune	11
		ZF Steearing Gear (India) Ltd,1242/44,Tal:-Shirur	12
		Fukoku India Pvt Ltd.Chakan,Pune	06
		Harman International Pvt Ltd	03
03	2023-24	Varroc Lighting ltd ,pune	08
		Lucas TVS Ltd Pune	08
		Piaggio Vehicals Ltd Baramati	03
		L & T Defence Pune	04
		Baramati Forge ,Baramati MIDC	01
		ZF Steering Gear (India) Ltd	25
		Aryan Pumps Loni Devkar MIDC Indapur	02
		Pranjape Autocast Pvt Ltd ,Shirwal	16

Following table indicates various activities undertaken by the Mechanical Engineering Department for carrier guidance.

Sr. No.	Topic	Date	Resource person	No of students present
1	Training Program on Soft Skill, Aptitude And Technical training	21/01/2025 To 24/01/2025	Theta Dynamics Pvt Ltd,Belagavi	19
2	Personality Development & Motivation.	17/01/2025	RTO Inspector Akluj.	66
3	Personality Development & Motivation	29/01/2024	Mr.Yashwant Shitole, Motivational Speakar	66
4	Personality Development & Motivation	30/01/2024	Mr.Dr.Sajay Kalamkar, Motivational Speakar	80
5	Personality Development & Motivation	02/02/2024	Prof.Nitin Bangude Patil, Motivational Speakar	80
6	Auto - Cad and related to different types of Design Section	27/02/2024	Mr. Zagade Sandip. Info AutoTech India, Director,Baramati.	47

7	Career Development	15/09/2022	Mr.Abhijit Ekambikar,Asst Genral Manager Subodhan Capacitor,Baramati	66
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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.	Departments	Industry / Organization	Purpose	Tenure / Period
1	Mechanical Engineering	Siddhivinayak Wheel Alignment & Tyers, Akluj	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-28
2		Sai udyog private limited, Natepute	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-28
3		Girame Automotive, Malinagar	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-28
4		Sai Engineering, Akluj	Industrial Visit, Industrial, Training, and other activities as mutually agreed	2023-28

8.5 Entrepreneurship Cell/Technology Business Incubator (5)

Total Marks 5.00

Institute Marks

5.00

8.5 Entrepreneurship Cell/Technology Business Incubator (5)

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.

A.Y.2025-26



The poster features a blue and white color scheme with a cityscape background. On the left, there is a logo for Shriram Shikshan Sanstha. On the right, there is a logo for MCED (Maharashtra Centre for Entrepreneurship Development) featuring a gear and a lightbulb. The main title 'ENTREPRENEURSHIP AWARENESS CAMP' is prominently displayed in the center. Below the title, a quote reads: "Entrepreneurship is an opportunity for the beginner". The organizing institution is Shriram Institute of Engineering & Technology (Poly.), PANIV, in collaboration with MCED Solapur. The duration is 16, 17 & 18 March 2026. The event is EAC 1, held at Seminar Hall Computer Engineering Department. The bottom of the poster is decorated with illustrations of a rocket, a bar chart, a target, and a speaker at a podium.

**ENTREPRENEURSHIP
AWARENESS CAMP**

"Entrepreneurship is an opportunity for the beginner"

Organised By

**SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY
(POLY.), PANIV**

In Collaboration With

**Maharashtra Centre for Entrepreneurship Development
(MCED) Solapur**

Duration: 16, 17 & 18 March 2026

EAC 1

Venue: Seminar Hall Computer Engineering Department

Day / Date	Session I (10.30 am to 12.00 pm)	Relevance PO's	Session II (12.00 am to 01.30 pm)	Relevance PO's
1 st 16.03.2026	Inauguration-Camp Objective, Entrepreneurship (General Concepts Only) by, Mr. Nagesh Kokare	PO1, PO5, PO7	Historical background-Indian values vis-à-vis entrepreneurship and the present scenario by, Mr. Nagesh Kokare	PO1, PO5, PO7
	Session III (2.00 pm to 3.00 pm)	Relevance PO's	Session IV (3.00 pm to 4.00 pm)	Relevance PO's
	Entrepreneurship & Role of DIC for Engineering student & Different Subsidies from the central & State Govt. by, Mr. Rajshekhar Shinde	PO1, PO5, PO7	Role of Bank & other Financial Agency by, Mr. Rajshekhar Shinde	PO5, PO6, PO7
2 nd 17.03.2026	Session I (10.30 am to 12.00 pm)	Relevance PO's	Session II (12.00 am to 01.30 pm)	Relevance PO's
	Marketing Strategy by, Mr. Nagesh Kokare	PO2, PO3, PO6	Marketing Management by, Mr. Nagesh Kokare	PO2, PO3, PO6
	Session III (2.00 pm to 3.00 pm)	Relevance PO's	Session IV (3.00 pm to 4.00 pm)	Relevance PO's
	Identification of opportunities for entrepreneurs by, Mr. Arvind Joshi	PO2, PO3, PO7	Identification of opportunity New Innovation & Product development. by, Mr. Arvind Joshi	PO2, PO3, PO7
	Session I (10.30 am to 12.00 pm)	Relevance PO's	Session II (12.00 am to 01.30 pm)	Relevance PO's
	Financial Aspects of SSI unit		Financial Aspects of SSI unit /	

3 rd 18.03.2026	including salient features of a project report (Project, Report Writing & sanction of Project. by, Mr. Nagesh Kokare	PO2, PO3, PO6	Taxes in industries including Import export Policy by, Mr. Nagesh Kokare	PO2, PO6, PO7
	Session III (2.00 pm to 3.00 pm)	Relevance PO's	Session IV (3.00 pm to 4.00 pm)	Relevance PO's
	How to start a SSI unit & How can get Industrial Land In MIDC by, Mr. Robert Gouder	PO3, PO6, PO7	Support and financial assistance from Govt. & What are the financial resources for the industry. by, Mr. Robert Gouder	PO5, PO6, PO7







Shriram Shikshan Sanstha's
Shriram Institute of Engineering and Technology (Poly.), Paniv (0994)
Academic Year :- 2025-2026



Mechanical Engineering Department

Third Year

3 Days Entrepreneurship Awareness Camp Under Entrepreneurship Development Cell
Student Attendance

Sr. No.	Roll No.	Enrollment No.	Full name	Monday, 16 March 2026		Tuesday, 17 March 2026		Wednesday, 18 March 2026	
				Session 1	Session 2	Session 1	Session 2	Session 1	Session 2
1	3001	1709940234	BHOSALE PRATHMESH ARUN	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
2	3002	23212330446	SHENDAGE SAHIL NAVANATH	Shendage	Shendage	Shendage	Shendage	Shendage	Shendage
3	3003	23212330451	TUPE PRATHAMESH SHARAD	Tupe	Tupe	Tupe	Tupe	Tupe	Tupe
4	3004	23212330452	CHAVAN PRUTHVIRAJ AMBADAS	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
5	3005	23212330453	HANGE SUBHASH RAMCHANDRA	S. R. Hange	S. R. Hange	S. R. Hange	S. R. Hange	S. R. Hange	S. R. Hange
6	3006	23212330455	THOMBARE SANSKAR MAHADEV	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare
7	3007	23212330462	MANE ANIKET DAGADU	Mane	Mane	Mane	Mane	Mane	Mane
8	3008	23212330464	KOLEKAR PRAJVAL BHIMRAV	Kolekar	Kolekar	Kolekar	Kolekar	Kolekar	Kolekar
9	3009	23212330473	JAGTAP NIKSHAY KALYAN	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap
10	3010	23212330475	SUL KRUSHNA RAMESH	Sul	Sul	Sul	Sul	Sul	Sul
11	3011	23212330479	SHEVATE BOBBY ANIL	B.A. Shevate	B.A. Shevate	B.A. Shevate	B.A. Shevate	B.A. Shevate	B.A. Shevate
12	3012	23212330484	SHAIKH SAKIB RAJAK	S. R. Shaikh	S. R. Shaikh	S. R. Shaikh	S. R. Shaikh	S. R. Shaikh	S. R. Shaikh
13	3013	23212330492	SONAVALE ADARSH ANIL	Sonvale	Sonvale	Sonvale	Sonvale	Sonvale	Sonvale
14	3014	23212330495	SHINDE PRASHANTRAO BABAN	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
15	3015	23212330500	JANKAR ADITYA SURYAKANT	Jankar	Jankar	Jankar	Jankar	Jankar	Jankar
16	3016	24212330767	CHAVAN PRUTHVIRAJ PRAVIN	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
17	3017	24212330778	MADANE DIPAK BABAN	D. B. Madane	D. B. Madane	D. B. Madane	D. B. Madane	D. B. Madane	D. B. Madane
18	3018	24212330782	RANDIVE SWARUP SURESH	Randive	Randive	Randive	Randive	Randive	Randive
19	3019	24212330786	SHINDE NAGESH KASHINATH	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde





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 Vission 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

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.

S.N.	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 strategic plan.
- Ensures the provided funds are adequate and managed in accordance.

iii. Risk assessment and Management

- Governing body surveys, sanctions 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. No.	Date of 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 11. Review of Infrastructure, Laboratory Development, and Learning Resources 12. Any Other Item with the Permission of the Chair	Approved all together
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 Shrilekha 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.
6	4/10/2024	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. 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.
		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.

8	4/4/2025		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.
10	07/10/2025	1. Review of academic progress 2. Faculty development programs 3. Industry interaction and MoUs 4. Student training and placement activities 5. Infrastructure status review	1. Academic progress was reviewed, and corrective measures were suggested. 2. Faculty members were encouraged to 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.
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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 Bapu	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.

- The service rules and policies for the faculty and staff are defined in the institute rule book.
- The code of conduct is also defined and various activities to be performed by the faculty and staff are published. The rules and regulations are reviewed and updated periodically, as and when required.

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. Malavalli Dist. Bellary



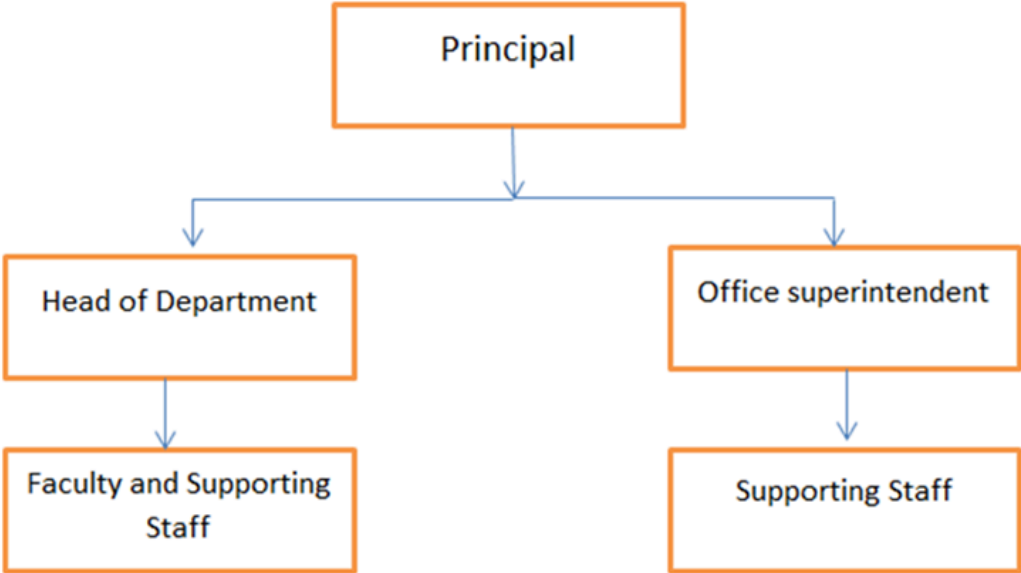
Secretary
Shriram Institute of Engineering
and Technology Centre, Paniv
Tal. Malavalli Dist. Bellary

9.1.3 Decentralization in working and grievance redressal mechanism (5)

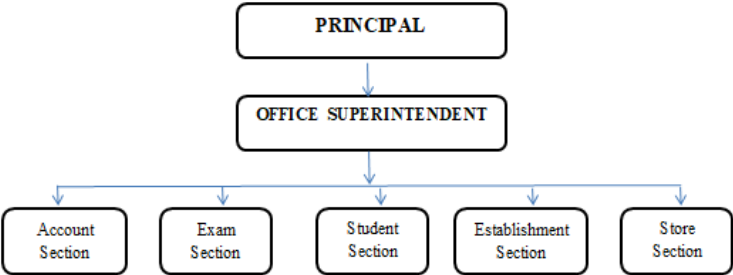
Institute Marks

5.00

9.1.3 List the names of the faculty members who have been delegated powers for taking administrative decisions



**ADMINISTRATIVE DEPARTMENT ORGANIZATION
|CHART**



Sr.No.	Name of Staff	Designation
1	Mr. Chougule Nayankumar Babanrao	Office Superintendent

2	Mr. Bhang 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 Bhang Hanumant Shankar	Accountant

Table 9.1.2 Various portfolios in charges have been delegated powers for taking administrative decisions

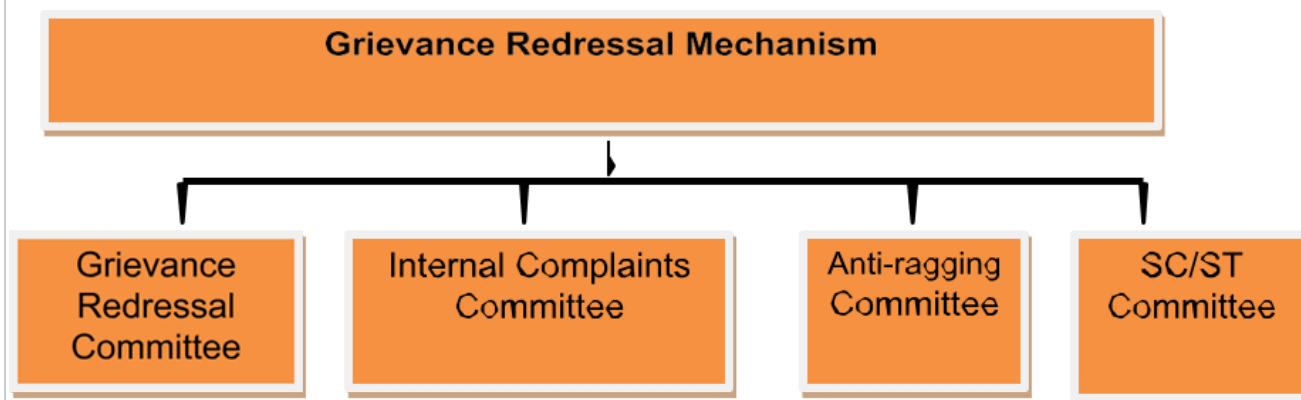
S.N.	Name of Committee	Members and Designation	Functions and Responsibilities
1	First year admission process	Mr. Tamboli S.I.	First year admission process (FC, ARC, institute level admission)
2	Direct second year admission process	Mr. Chougule S.G.	Direct second year admission process (FC, ARC, institute 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



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.

Sr. No.	Name	Designation
1	Miss. Bansode Tejasvini Mahadev	Chairman
2	Miss. Budhner Pooja Kumar	Member
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 by the Government of India to consider complaints related to women's sexual discrimination in the institute.

Functions

- To provide a platform for listening to complaints and redressal of grievances from girl students and women staff.
- To advise and guide the girls students and also educate them about women empowerment.
- To give the knowledge of women legal rights to female students and staffmembers.
- To resolve issues relating to women's harassment as per AICTE guidelines.
- To organize awareness programs, motivational talks including visits to the public/ government run women guidance cells.
- To provide a women-friendly learning/working environment without any gender bias.

INTERNAL COMPLAINT COMMITTEE (ICC)

Sr.No.	Name	Designation
1	Miss.Salunkhe Supriya Arjun	Presiding Officer
2	Mrs.Lawand Supriya Arjun	Faculty Member-1
3	Miss.Thengal Kirti Anil	Faculty Member-2

4	Mrs.Jadhav Vaishali Digvijay	Faculty Member-3
5	Mr.Chougule Nayankumar Babanrao	Non-Teaching Member-1
6	Miss. Pandhare Sayali Sajjan	Student 1
7	Miss. Patil Kadambari sunil	Student 2
8	Miss. Kore Durga Nagnath	Student 3
9	Adv. Mrs. Patil Sanjivani Subhash	External Member (Nirbhaya Pathak)

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	It was noted that the campus environment remains

		received during this quarter	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
4	27/12/2024	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 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 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.

Anti-ragging

cell Functions

1. Define the mechanism to resolve the student's problem
 - o Preparing the schedule of meetings at the beginning of the semester and regular observations.
 - o Conduct workshops about ragging hazard and orient the students.
 - o Display of ragging prohibition notices on all department notice boards.
 - o Selection of the staff representatives from each department to take rounds.
 - o To take all necessary measures for prevention of ragging inside the campus Hostels.

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.

4	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.
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.

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:

- Nomination of SC/ST faculties and students at the college level.
- Resolve the grievances of staff and students of SC/ST community.
- Disseminate the information about different welfare schemes to SC/ST students.

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 Niranjana	Lab Assistant	Member
7.	Ms.Shendage Komal Maruti(TY CM)	Student Representative	Member
8.	Mr.Shinde Prashantrao Baban(TY ME)	Student Representative	Member
9.	Ms.Patil Sanjivani Subhash	NGO	Member

Function & Responsibility: It shall be the duty of the Anti-Harassment Committee 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 Committee

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.
	28/03/2025	1. Review of awareness programmes and counselling sessions conducted during the academic year.

4		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
	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

SC/ST Committee**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	a. 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. b. 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 c. 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 a. Advanced mentoring framework

		b. More career guidance sessions c. Structured monitoring and reporting system d. A proposed action plan was developed for the next term, including:
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.

4		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.
	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
4	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: - Additional remedial classes - Career guidance sessions - Workshops and seminars

9.1.4 Delegation of financial powers (5)

Institute Marks

5.00

A. Demonstrate the utilization of financial powers for each of the assessment years

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 Information on the policies, rules, processes is to be made available on web site

The screenshot shows a web browser window displaying the 'Student Corner' page of the Shriram Institute of Engineering and Technology (Poly & Degree) Paniv. The browser's address bar shows the URL 'sietpaniv.org/student-corner/'. The page header includes the institute's name, logo, and contact information. The main content area is titled 'Student Corner' and features a 'Main Menu' with links to 'About Us', 'Governance', 'Admission', 'Academics', 'Departments', 'Administrative Staff Information', 'Placement', and 'Facilities'. Below the menu, there is a section for downloading various documents, including 'MSBTE Academic Calendar', 'Digital library for student', 'General Rules & Regulations', 'I Scheme Lab Manuals', 'K Scheme Lab Manuals', 'MSBTE Result', 'Syllabus', 'Vidya Lakshmi Portal', and 'Professional Body Membership'. The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons, including a globe, a folder, a web browser, and a PDF reader. The system tray on the right shows the date and time as 13:13 on 24/06/2026, along with a language indicator for English (US) and a network status icon.

Shriram Shikshan Sansad's
SHRIRAM INSTITUTE OF ENGINEERING AND TECHNOLOGY
(POLY & DEGREE) PANIV
Tal:- Malhiras Dist:- Solapur Pincode:- 431113
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).

Home ABOUT US GOVERNANCE ADMISSION ACADEMICS DEPARTMENTS PLACEMENT STUDENT CORNER FACILITIES EVENT CONTACT US

Student Corner

Home » Student Corner

Main Menu

- About Us
- Governance
- Admission
- Academics
- Departments
- Administrative Staff Information
- Placement
- Facilities

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Digital library for student

General Rules & Regulations

I Scheme Lab Manuals

K Scheme Lab Manuals

MSBTE Result

Syllabus

Vidya Lakshmi Portal

Professional Body Membership

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Code of Conduct for Students

- Students must always carry their valid College Identity Card.
- Biometric attendance is compulsory before 9:15 AM and after 4:00 PM.
- Strict adherence to the college dress code is mandatory.
- Mobile phones are strictly prohibited in campus.
- Students must not loiter during lectures and should attend all college activities.
- Written permission from the class teacher is required for leave.
- Students must seek prior permission to enter the Principal's cabin, Admin Office or Departments.
- Vehicle parking is allowed only in the designated parking area.
- Emergency communication with parents should be done via the college phone.
- Birthday celebrations in campus are not allowed.
- Students must obtain the Principal's permission for hostel leave (other than holidays).
- Laboratory rules must be strictly followed.
- Wearing saree on days allotted of the month is mandatory.
- Common room should be used only during illness.
- College has no role to play or responsibility if students arrange trips on their own.
- Exam rules must be strictly followed; malpractices will be punished.
- Damage to college property will lead to severe action.
- Discipline and behaviour records will be considered for admission.
- For any matter or incident occurring in the college, students should not visit the homes of teachers or management. Such matters should be resolved within the college itself.
- Meditation is compulsory in the institute.
- Licence & helmet is compulsory for students and staff.
- Minimum 75% attendance in all subjects is required to be eligible for the exam.
- Students should follow all the rules given by Shriram Shikshan Sanstha.

9.1.5 B Dissemination of the information about student, faculty and staff (3)

(Information on the policies, rules, processes is to be made available on web site. Provision of information in accordance with the Right to Information Act, 2005)

The policies, rules and processes are made available on Institute website <https://sietpaniv.org>

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...): 2906414			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	0	2906414	0	3183.37

Table 2 - CFYm2 2023-24

Total Income 45956657				Actual expenditure(till...): 29183589			Total No. Of Students 956
Fee	Govt.	Grants	Other sources(specify) nsultancy,interes	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
45780095	0	0	176562	28059963	1123626	0	30526.77

Table 3 - CFYm3 2022-23

Total Income 475384				Actual expenditure(till...): 29183589			Total No. Of Students 942
Fee	Govt.	Grants	Other sources(specify) nsultancy,interes	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

Auditted statements of financial year year 2023-2024,2024-,2025-2026 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 1575000		Actual expenditure (till...): 1191885	
Non Recurring	Recurring	Non Recurring	Recurring
700000	875000	500000	691885

Table 2 :: CFYm1 2024-25

Total Budget 300000		Actual expenditure (till...): 212660	
Non Recurring	Recurring	Non Recurring	Recurring
00	300000	00	212660

Table 3 :: CFYm2 2023-24

Total Budget 340000		Actual expenditure (till...): 269751	
Non Recurring	Recurring	Non Recurring	Recurring
00	340000	00	269751

Table 4 :: CFYm3 2022-23

Total Budget 300000		Actual expenditure (till...): 231235	
Non Recurring	Recurring	Non Recurring	Recurring
00	300000	00	231235

9.3.1 Adequacy of Budget Allocation (2)

Institute Marks

2.00

The tentative annual budget is prepared by the accounts department for the upcoming financial and academic year. The department Head prepares the budget of respective department and submits to the Principal.
All the necessary equipments for implementation of curriculum are purchased. The outdated and faulty equipments are replaced following the purchase procedures of the institute.

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

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	2791
	2024-2025	4078
	2023-2024	2280
	2022-2023	2075
e	Number of Users (Reading Hall space) per day	
	2025-2026	5923
	2024-2025	4410
	2023-2024	2815
	2022-2023	2729
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

9.4.1.B [Accessibility to students](#)

Library is committed to Provide Access to library facilities such as reading Room, e-library and Newspapers to students.

- Access to Print material
- Access to Online material. The Facility of open access is available to all Staff, Faculty and staff in Library.

Library Borrowers Issuing Ratio:

- 02 Books Per Students Per Week
- **Library Working**

Timings: 9:00 am to 5:00 pm

: Except **Week Days** Sundays and Holidays as per Maharashtra government.

Reading room Facility

- Students are expected to make the maximum use of the Library and reading room Facilities provided in the institute.
- Strict silence is kept inside the library and reading room.

- The Library Reading Room is kept open from 9:00 am to 5 p.m. all days except Sundays and Holiday s as per Maharashtra government.
- The Borrower card and college identity card is to be produced for entry into the reading room and for the issue of books.
- Books of reference and rare books will not be issued for use outside the library.
- All magazines and newspaper are available in the reading room. These can be borrowed from the library staff and must be returned after reading on same day. Students are not permitted to take them out of the reading room.
- They can read books, magazines and newspapers during the tim
- There are separate Girls and Boys reading room.
- Tearing of pictures or any other way of mutilation of magazines, books etc. Are a serious offence.one who does so may be required to pay a fine or be deprived of the privilege of using the reading room and library also.

Reference Section

Reference Sources such as Dictionaries, Encyclopedias, Gazetteers, Atlases, Handbooks and Manuals, yearbooks And Indexes or abstracts are available in the Library to help the student to answers to specific questions such as brief facts, statistics, and technical instructions; provide background information. Reference sources are made available in the library working hours. Adequate number of standard books and e-journals are available in the library for each program. Students have direct access to library for issuing books, reading reference books, journals, magazines and newspapers.program wise details of the learning resources are as follows.

Program wise details of learning resource

Sr.No.	Name Of the course	Titles Available	Volumes Available	National Journals	International Journals(online)
1	Computer Science & Engineering.	832	3506	16	60
2	Electronics & Telecommunication Engineering.	754	3869	13	162
3	Civil Engineering	601	3265	13	273
4	Electrical Engineering	669	3107	5	61
5	Mechanical Engineering	693	4525	16	190
6	Core Science	238	2828	3	65
7	Daily Newspapers	4	4	-	-
8	Total	3791	211 04	66	911

9.4.2 Internet (10)

Institute Marks

10.00

Name of the Internet provider	BSNL
Available band width	100
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:

Join us for a memorable gathering filled with:

-  Alumni Interaction
-  Career Guidance
-  Memories & Networking
-  Cultural Activities
-  Group Photo & Lunch

Your presence will inspire our students and strengthen our institute family.

We look forward to welcoming you back to your campus!

With Warm Regards,

ALUMINI CELL

Shriram Institute of Engineering & Technology (Polytechnic), Paniv



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
- ★ सांस्कृतिक कार्यक्रम

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

★ सांस्कृतिक कार्यक्रम
★ ग्रुप फोटो व स्नेहभोजन



आपली उपस्थिती आमच्या विद्यार्थ्यांना प्रेरणा देईल
आणि संस्थेच्या कुटुंबाला अधिक बळकट करेल.
आपण पुन्हा आपल्या कॅम्पसवर येण्याची
आम्ही आतुरतेने वाट पाहत आहोत!

आपला स्नेहांकित,

माजी विद्यार्थी मेळावा २०२६
श्रीराम इन्स्टिट्यूट ऑफ इंजिनिअरिंग
ॲंड टेक्नॉलॉजी (पॉलिटेक्निक), पाविव

02:00 PM ते 02:15 PM  समूह छायाचित्र
(Group Photo)

02:15 PM ते 03:00 PM  स्नेहभोजन
(Lunch)

आपले स्वागत आहे!







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	Modern Software Usage: Use latest mechanical engineering related software for simple design, drafting, manufacturing, maintenance and documentation of Mechanical components and processes.
PSO2	Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instruments in field of Mechanical Engineering.
PSO3	Manage Mechanical Process: Manage the Mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for particular mechanical process or job for economy of operations.

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 inforce as on date and the institutes hall 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 willbe 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 20:51:08