

Civil Engineering

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	200	190.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	100.00
4	STUDENTS' PERFORMANCE	200	98.18
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	122.93
6	FACILITIES AND TECHNICAL SUPPORT	100	100.00
7	CONTINUOUS IMPROVEMENT	75	75.00
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	75	75.00
	Total	1000	861

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

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

Total Marks 5.00

Institute Marks

5.00

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

Vision of the institute

Mission of the institute

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

Vision of the Department

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

Mission of the Department

Mission No.	Mission Statements
M1	To provide quality civil engineering education to rural students
M2	To guide students toward academic success and personal development
M3	To make engineers to 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 Civil engineering related broad-based problems adapting professional ethics.

PEO2	Adapt state-of-the-art Civil engineering broad-based technologies to work in multi-disciplinary work environments.
PEO3	Solve broad-based problems individually and as a team member communicating effectively in the world of work.

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

Total Marks 10.00

Institute Marks

10.00

1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders

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

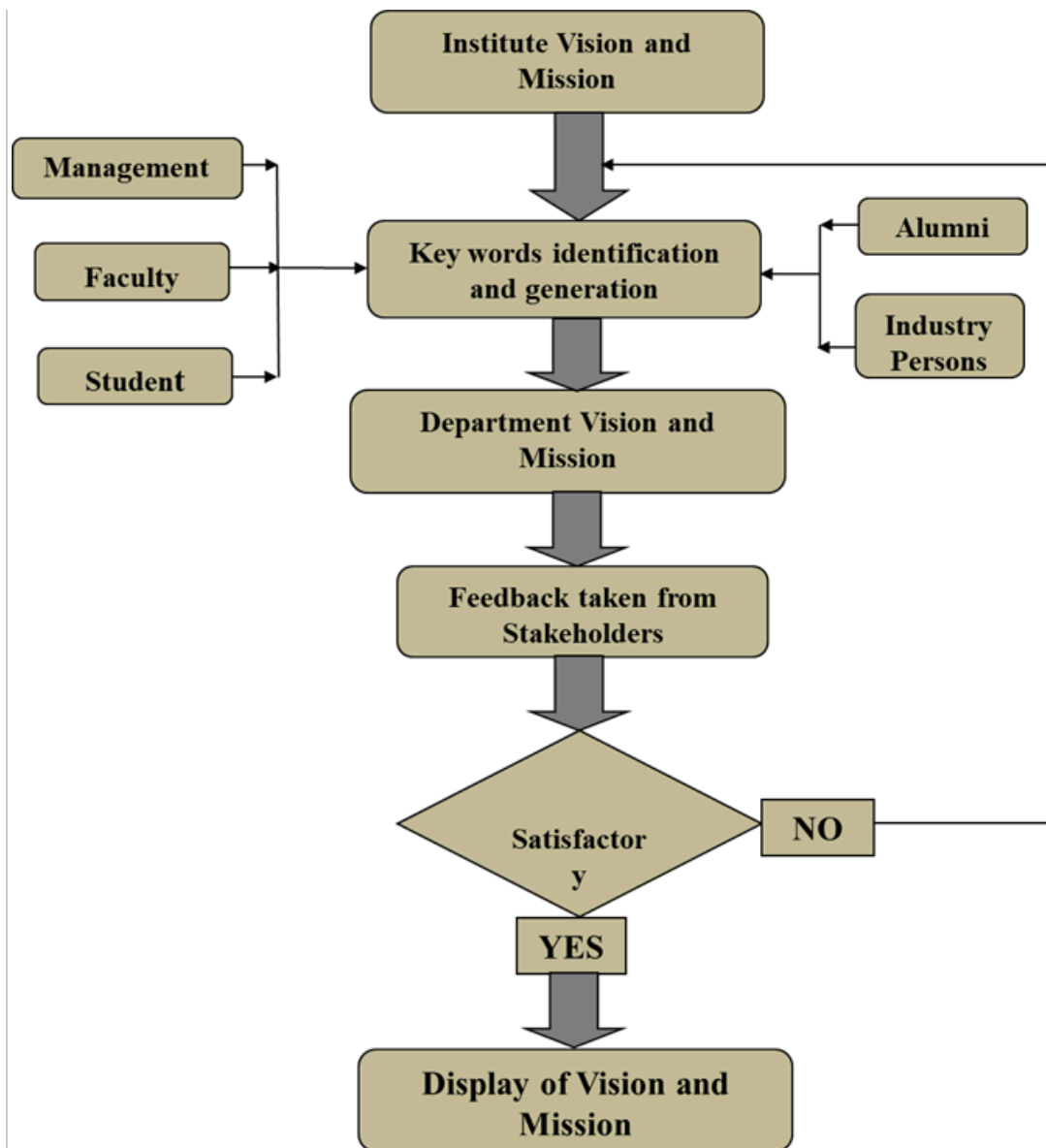
1.4 State the process for defining the Vission and Mission of the Department, and PEOs of the program (15)

Total Marks 15.00

Institute Marks

15.00

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



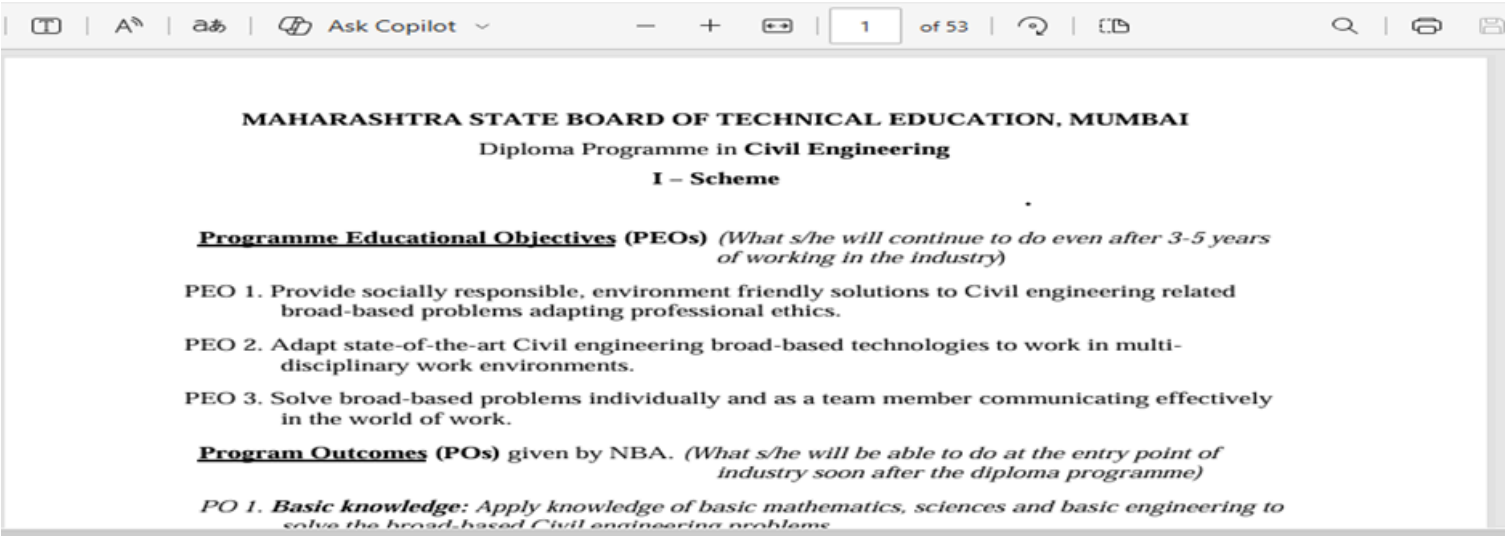
1. A. Description of Process of defining Vision and Mission of the department

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

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

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

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

PEOs / MISSION	M1 To provide quality civil engineering education to rural students	M2 To guide students toward academic success and personal development	M3 To make engineers to work ethically and be helpful to society
PEO – 1 Provide socially responsible, environment friendly solutions to Civil engineering related broad-based problems adapting professional ethics.	3	2	3
PEO – 2 Adapt state-of-the-art Civil 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
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1. B. Consistency / Justification of co-relation parameters of the above matrix

PEOs Statement	M1	M2	M3
PEO – 1 Provide socially responsible, environment friendly solutions to Civil engineering related broad-based problems adapting professional ethics.	3 To provide socially responsible, environmental friendly solution to Civil Engineering related problems.	2 As helps students for academic success except social ethics.	3 To offer solutions for Civil Engineering challenges that are socially responsible and environmentally friendly.
PEO – 2 Adapt state-of-the-art Civil engineering broad-based technologies to work in multi-disciplinary work environments.	3 To adjust advanced Civil 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.
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PEO Statements	M1	M2	M3
Provide socially responsible, environment friendly solutions to Civil engineering related broad-based problems adapting professional ethics.	3 ▾	2 ▾	3 ▾
Adapt state-of-the-art Civil 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 190.00

2.1 Program Curriculum (40)

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

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

Institute Marks

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

Institute Marks

40.00

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

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

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

(I)Curriculum Design Process

MSBTE along with NITTTR (National Institute of Technical Teachers Training and Research), 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 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 in corporate at adequate level. In spite of all this, a separate validation activity from third party academic expert and industry experts was carried out.

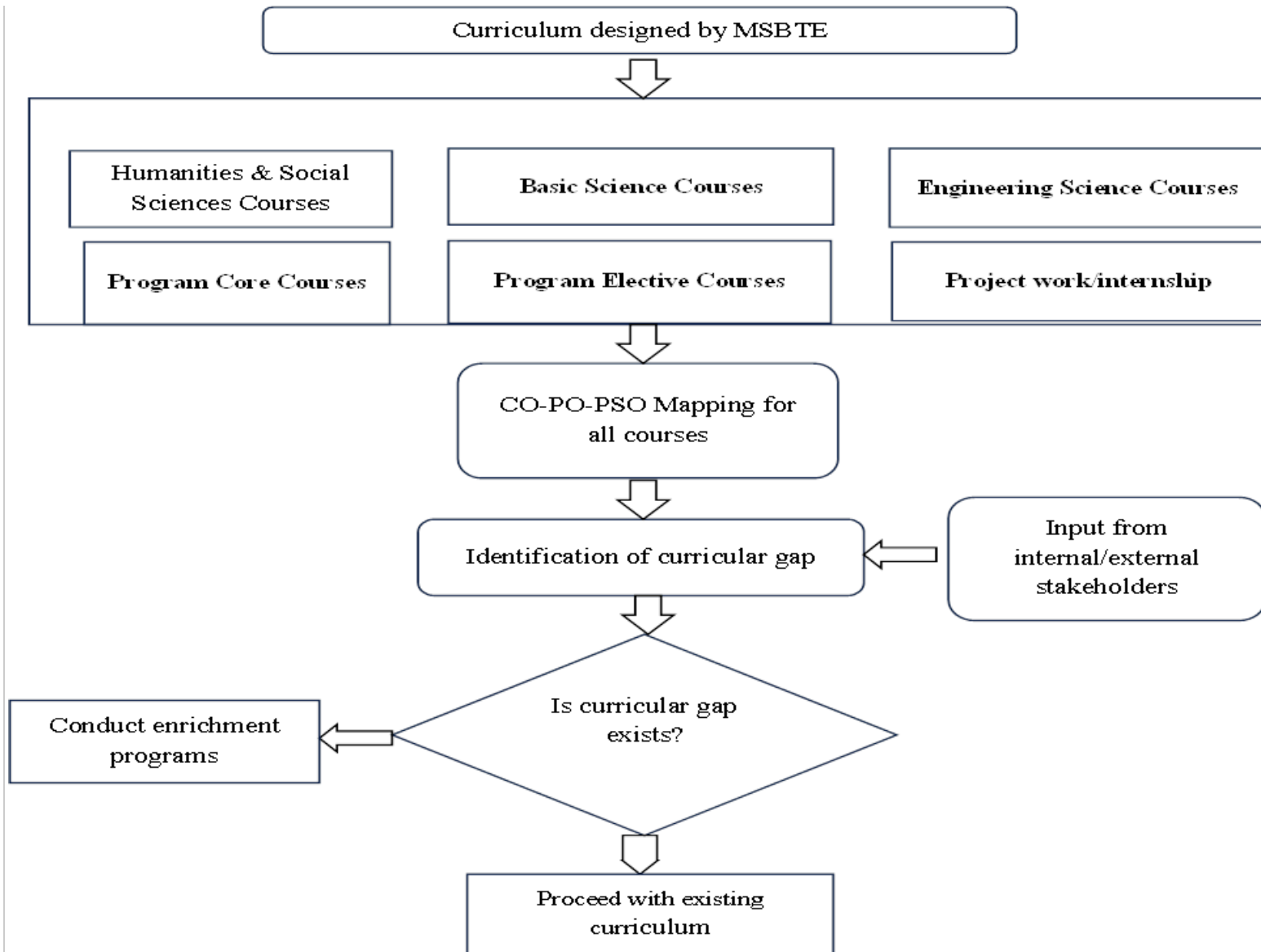
Academic validation Program was conducted at MSBTE Mumbai, and The Principal of Polytechnics and

Course experts along with program coordinators of all programs were present. One full day workshop resulted in collecting suggestions from academic experts. An industry institution interaction session was

Conducted with officials of NITTTR, Bhopal. Similarly the Industry validation program was also conducted wherein around 100 industry experts from all over Maharashtra were present. Full day program initiated under the chairmanship of Hon. Director MSBTE and program-wise industry experts also addressed the gathering about exact requirements of industry from Polytechnic pass out. The industry experts appreciated the structure design and also gave suggestions about the curriculum contents. The written industry feedback was also taken during this session. The comparative analysis of academic suggestions and industry suggestion was carried out with the help of education consultant NITTTR, Industry coordinators and program coordinators. The final draft was put before courses committee e and academic committee for approval. Then curriculum is implemented from academic year 2017-18. All the proceedings of the above activity are available with MSBTE, Mumbai.

MSBTE has provided following flow chart elaborating systematic approach to Curriculum

Fig2.1.1 A Curriculum Development Flow Chart-



For the ensuring uniform and smooth implementation of curriculum in all institutes affiliated to MSBTE,

MSBTE produces a document called CIAAN (The Curriculum Implementation And Assessment Norms). In this document all standards Norms for curriculum implementation, monitoring of institutes and student's assessment are provided.

In order to ensure proper implementation of curriculum external academic monitoring committee is formed, this committee monitors the curriculum implementation at institute level

The Curriculum given by MSBTE is as below:

“I” Scheme:-

Maharashtra State Board of Technical Education, Mumbai																						
Teaching and Examination Scheme for Post S.S.C. Diploma Courses																						
Course Name : Mechanical / Civil / Chemical / Computer / Electronics / Electrical / Textile Engineering Groups																						
Course Code : CE/CR/CS/CH/PS/CM/CO/IF/CW/DE/EJ/EN/EQ/ET/EX/IE/MU/EE/EP/EU/IS/IC/AE/FG/ME/PG/PT/DC/TX/TC																						
Duration of Course: 6 Semesters																						
With Effect From Academic Year: 2017 - 18																						
Semester : First																						
Duration : 16 Weeks																						
S. N.	Course Title	Abbre viation	Sub. Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total		
				L	T	P		Theory						Practical								
								Paper Hrs.	ESE		PA		Total		ESE		PA		Total			
									Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		Min	
1	English	ENG	22101	3	--	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
2	Basic Science	Physics	BSC	22102	2	--	2	4	2	70**	28	15*	00	100	40	25@	10	25	10	50	20	200
					2	--	2	4				15*	00			25@	10	25	10	50	20	
3	Basic Mthematics	BMS	22103	4	2	--	6	3	70	28	30*	00	100	40	--	--	--	--	--	--	100	
4	Fundamentals of ICT	ICT	22001	2	--	2	4	--	--	--	--	--	--	--	25@^	10	25~	10	50	20	50	
5	Engineering Graphics (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS, DC, TC, TX)	EGM	22002	2	--	4	6	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
	Engineering Graphics (For DE, EJ, ET, EN, EX, EQ, IC, IE, IS, MU, CO, CM, CW, IF)	EGE	22003	2	--	4	6	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
6	Workshop Practice. (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS.)	WPM	22004	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
	Workshop Practice. (For CO, CM, CW, IF)	WPC	22005	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
	Workshop Practice. (For DE, EJ, ET, EN, EX, EQ, IC, IE, IS, MU)	WPE	22006	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
	Workshop Practice. (For TX, TC, DC)	WPT	22007	--	--	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
Total				15	2	16	33	--	210	--	90	--	300	--	200	--	200	--	400	--	700	

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

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

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

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

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

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

➤ Candidate remaining absent in practical examination of any one part of Basic Science course i.e. Physics, Chemistry will be declare as Absent in Mark List and has to appear for examination. The marks of the part for which candidate was present will not be processed or carried forward.

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

MSBTE Final Copy Dt. 07.05.2017




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

Program Name : Civil Engineering Groups											With Effect From Academic Year: 2017 - 18												
Program Code : CE/CR/ CS											Duration : 16 Weeks												
Duration of Program : 6 Semesters											Scheme - I												
Semester : Second																							
S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total			
				L	T	P		Theory						Practical									
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total				
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Min Marks		
1	Applied Mathematics	AMS	22201	3	1	-	4	3	70	28	30*	00	100	40	--	--	--	--	--	--	100		
2	Applied Science	Physics	ASM	22202	2	-	-	4	8	90 Min	70*#	28	15*	00	100	40	25@	10	25	10	50	20	200
		Chemistry			2	-	-	4	8	90 Min	70*#	28	15*	00		25@	10	25	10	50	20		
3	Applied Mechanics	AME	22203	3	1	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
4	Construction Materials	CMA	22204	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
5	Basic Surveying	BSU	22205	3	-	4	7	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200		
6	Civil Engineering Workshop and Practice	CEW	22008	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100		
7	Business Communication Using Computers	BCC	22009	-	-	2	2	--	--	--	--	--	--	--	35@^	14	15~	06	50	20	50		
Total				16	2	18	36	--	350	--	150	--	500	--	235	--	215	--	450	--	950		

Student Contact Hours Per Week: **36 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 (5 marks each for Physics and Chemistry) to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.
 ~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage
 ➤ It is mandatory for the candidate to appear for practical (ESE) of both the part of Applied Science (Physics & Chemistry). Candidate remaining absent in exam of any one part, will be considered as absent for the head ESE (PR) of Applied Science.
 ➤ If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.

MSBTE - Final Copy Dt. 30.10.2017





Maharashtra State Board of Technical Education, Mumbai

Teaching and Examination Scheme for Post S.S.C. Diploma Courses

Program Name : Civil Engineering Groups

Program Code : CE/CR/ CS

Duration of Program : 6 Semesters

Semester : Third

With Effect From Academic Year: 2017 - 18

Duration : 16 Weeks

Scheme - I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Theory						Practical							
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total		
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Min Marks
1	Advanced Surveying	ASU	22301	3	-	4	7	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
2	Highway Engineering	HEN	22302	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Mechanics of Structures	MOS	22303	3	2	2	7	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Building Construction	BCO	22304	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Concrete Technology	CTE	22305	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
6	Computer Aided Drawing	CAD	22022	-	-	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
Total				15	2	16	33	--	350	--	150	--	500	--	200	--	200	--	400	--	900

Student Contact Hours Per Week: 33 Hrs.

Theory and practical periods of 60 minutes each.

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

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

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

- For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

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

Medium of Instruction: English

Total Marks : 900



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 : Civil Engineering Groups

Program Code : CE/CR/ CS

Duration of Program : 6 Semesters

Semester : Fourth

With Effect From Academic Year: 2017 - 18

Duration : 16 Weeks

Scheme - I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Theory						Practical							
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total		
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Min Marks
1	Hydraulics	HRV	22401	3	2	2	7	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
2	Theory of Structures	TOS	22402	4	2	-	6	4	70	28	30*	00	100	40	--	--	--	--	--	--	100
3	Railway and Bridge Engineering	RBE	22403	4	-	-	4	3	70	28	30*	00	100	40	--	--	--	--	--	--	100
4	Geo-Technical Engineering	GTE	22404	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
5	Building Planning and Drawing	BPD	22405	3	-	4	7	4	70	28	30*	00	100	40	50#	20	50	20	100	40	200
6	Environmental Studies	EST	22447	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
Total				20	4	08	32	--	420	--	180	--	600	--	100	--	100	--	200	--	800

Student Contact Hours Per Week: 32 Hrs.

Theory and practical periods of 60 minutes each.

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

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

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

~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

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

➤ In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).

Medium of Instruction: English

Total Marks : 800

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 : Civil Engineering Groups

Program Code : CE/CR/ CS

Duration of Program : 6 Semesters

Semester : Fifth

With Effect From Academic Year: 2017 - 18

Duration : 16 Weeks

Scheme - I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
				L	T	P		Theory						Practical								
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total			
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks		
1	Water Resource Engineering	WRE	22501	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
2	Design of Steel and RCC Structures	DSR	22502	4	1	2	7	4	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
3	Estimating and Costing	EAC	22503	3	-	4	7	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200	
4	Public Health Engineering	PHE	22504	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
Elective (Any One)																						
5	Rural Development	RDE	22505	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Energy Conservation and Green Building	ECG	22506	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Traffic Engineering	TEN	22507	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Precast and Pre-Stressed Concrete	PPC	22508	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Industrial Training	ITR	22057	-	-	6	6	--	--	--	--	--	--	--	75#	30	75	30	150	60	150	
7	Capstone Project Planning	CPP	22058	-	-	2	2	--	--	--	--	--	--	--	25@	10	25	10	50	20	50	
Total				16	1	20	37	--	350	--	150	--	500	--	250	--	250	--	500	--	1000	

Student Contact Hours Per Week: 37 Hrs.

Theory and practical periods of 60 minutes each.

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

Medium of Instruction: English

Total Marks : 1000



MSBTE - Final Copy Dt. 07.05.2019



Maharashtra State Board of Technical Education, Mumbai																					
Teaching and Examination Scheme for Post S.S.C. Diploma Courses																					
Program Name : Diploma in Civil Engineering / Diploma in Civil and Rural Engineering / Diploma in Construction Technology																					
Program Code : CE/CR/ CS														With Effect From Academic Year: 2017 - 18							
Duration of Program : 6 Semesters														Duration : 16 Weeks							
Semester : Sixth														Scheme - I							
S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Theory						Practical							
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total		
									Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Min Marks
1	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
2	Contracts and Accounts	CAA	22601	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Maintenance and Repairs of Structures	MRS	22602	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Emerging Trends in Civil Engineering	ETC	22603	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
Elective – II (Select Any One)																					
5	Building Services	BSE	22604	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Solid Waste Management	SWM	22605	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Earthquake Resistant Buildings	ERB	22606	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Advanced Design of Structures	ADE	22607	3	-	2	5	4	70	28	30*	00	100	40	25#	10	25	10	50	20	150
6	Capstone Project - Execution & Report Writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
7	Construction Management	CMA	22061	1	-	2	3	--	--	--	--	--	--	--	25@	10	25~	10	50	20	50
8	Entrepreneursip Development	EDP	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
Total				19	-	14	33	--	350	--	150	--	500	--	200	--	200	--	400	--	900

MSBTE - Final Copy Dt. 24.09.2019



“K”Scheme:-

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								Practical										
													FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA					
															Max	Max	Max	Min	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	2	-	2	1	10	5	1.5	30	70**	100	40	25	10	25@	10	25	20	250		
		CHEMISTRY					2	-	2	1								25	10	25@	10	25				
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.

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					Practical			FA-PR		SA-PR		SLA				
													Max	Min	Max	Min	Max	Min	Max	Min				
(All Compulsory)																								
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	100	
2	APPLIED SCIENCE	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70**	100	40	25	10	25@	10	-	-	200	
						2	-	2	0	-	8	4	1.5	30	70**	100	40	25	10	25@	10	-	-	200
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.

2.2 Teaching - Learning Process (160)

2.2.1 Describe Processes followed to ensure/improve quality of Teaching & Learning based on following points (25)	Institute Marks
	22.00

A. Adherence to Academic Calendar (3)	Institute Marks
	3.00

A. Adherence to Academic Calendar (3) start of academic year well in advance. In accordance with this academic calendar, Institute and department prepares academic calendar and strictly follow activity according to the calendar for curriculum implementation.	MSBTE publishes the academic calendar at the
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MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION
(Autonomous) (ISO 9001:2015) (ISO/IEC27001:2013)
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/2023-24/332

Date **22 JUN 2023**

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

(Non-AICTE) Courses

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



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



Academic Year - 2023-24

Semester - 1st, 3rd, 5th

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

Class	Term Commencement	Term End	I st Class Test	II nd Class Test	Practical Exam	Theory Exam
SY & TY	24 July 2023	10 November 2023	04 to 06 Sept. 23	25 to 27 Oct. 23	16 to 24 Nov. 23	01 to 22 Dec. 23
FY	10 August 2023	24 November 2023	13 to 15 Sept. 23	06 to 08 Nov. 23	25 to 30 Nov. 23	

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

Total Working Days = 100

Commencement of Next Even Semester = 01 Jan. 2024

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


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


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



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



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

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

Civil Engineering Dept. II, IV & VI Semester.

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

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

21	Start of Next Semester	01/01/2024
22	Extra Working Sunday	-

Note :- 01) Using I- card is Mandatory. 02) Students must in Uniform. 03) Prior permission before leave is Mandatory. In case absenteeism without permission, He / She must bring 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.

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

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

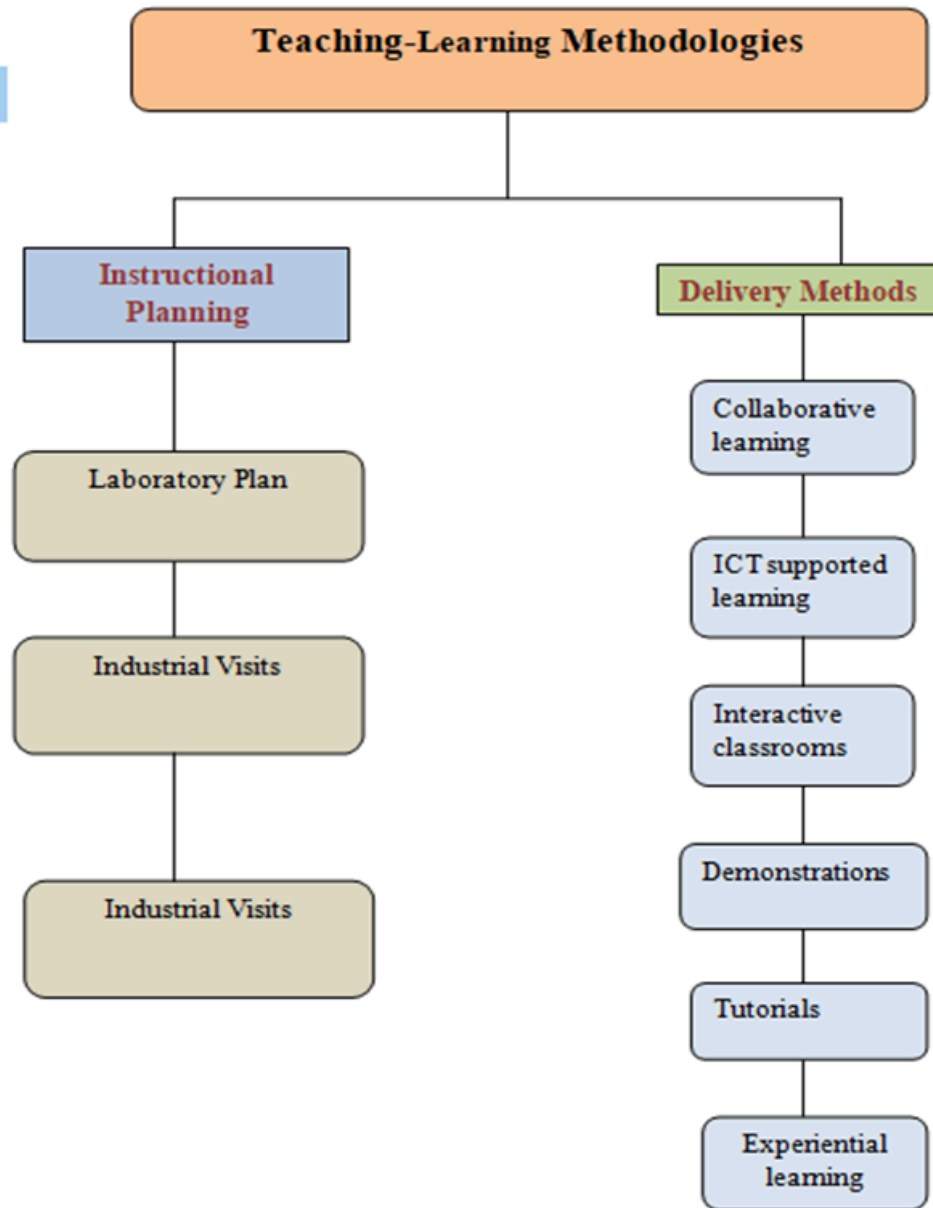
Institute Marks

0.00

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.

Format of teaching plan and laboratory plan as per CIAAN (Curriculum Implementation And Assessment Norms) is given in fig 2.2.1B1 and 2.2.1B 2.



Shriram Shiksha Sanstha's
For AICTE Diploma Engineering Courses
Maharashtra State Board of Technical Education
TEACHING PLAN (TP)

Institute Name: Shriram Institute of Engineering & Technology (Poly. & Tech) (1994)
Academic Year: 2023-24
Programme: Civil Engineering
Semester: 3rd
Course: Highway Engineering
Course Code: ECE303

CO1 - Identify the roads based on recommendations of IRC.
CO2 - Implement geometrical features of different highways.
CO3 - Observe the various road construction activities.
CO4 - Suggest the traffic control devices and intersection based on traffic flow survey data.
CO5 - Suggest the various precautionary measures to control the drainage based on topographic data for given

Unit No. (Sl. No.)	Unit Name (Topic)	Unit Objectives (Learning Outcomes)	No. of Lecture Hours		Practicals and Demonstrations (Hours)	Assessment (Internal & External)
			Face	Back		
1	Unit - I Introduction to Highway Engineering 1.1 Different grades of superimposition and importance of road construction. 1.2 History of the Road Development in India and the system followed in the world. (Pavement - Section Record) 1.3 General classification of Roads. 1.4 Alignment: Definition, Requirements, Importance, etc. of road alignment and the factors affecting road alignment.	1.1 Identify the roads based on recommendations of IRC. 1.2 Implement geometrical features of different highways. 1.3 Observe the various road construction activities. 1.4 Suggest the traffic control devices and intersection based on traffic flow survey data. 1.5 Suggest the various precautionary measures to control the drainage based on topographic data for given	5	5	5	5
2	Unit - II Geometric Elements of Highway 2.1 Definition, purpose, types, and its IRC recommendation of various geometric elements: Practical types of road geometry: Road design, side slopes, sight lines, Curves, Gradients, Super elevation, Cross, Road widening, Sight distance, Design speed and 2.2 Standard cross-sections of ROADWAY, CY, N, S, H, B, M, and V, etc. as per IRC and its application.	2.1 Define the geometric elements of highway and its IRC recommendation of various geometric elements: Practical types of road geometry: Road design, side slopes, sight lines, Curves, Gradients, Super elevation, Cross, Road widening, Sight distance, Design speed and 2.2 Standard cross-sections of ROADWAY, CY, N, S, H, B, M, and V, etc. as per IRC and its application.	5	5	5	5
3	Unit - III Construction of Road Pavements 3.1 Overview of highway construction materials: Aggregate, Cement, Sand, Water, Soil, Bitumen, Quality, Type and Use, Prime Coat, Surface Coat, etc. Construction Type, Union of Roadways, Roadways, Curb, etc. 3.2 Definition, Types, Structural Components of pavement and their functions. 3.3 Construction of WDM road, Flexible pavement - Elasticity. 3.4 Construction of Rigid Pavement (Cement Concrete) methods of construction, Abrasion and Compression Test Method, Construction joints, Slab and subgrade. 3.5 Components, Functions of RIGID roads. 3.6 Location, design, Cross, Type, Function of Roadbed.	3.1 Define the geometric elements of highway and its IRC recommendation of various geometric elements: Practical types of road geometry: Road design, side slopes, sight lines, Curves, Gradients, Super elevation, Cross, Road widening, Sight distance, Design speed and 2.2 Standard cross-sections of ROADWAY, CY, N, S, H, B, M, and V, etc. as per IRC and its application.	5	5	5	5
4	Unit - IV Traffic Engineering 4.1 Traffic Volume Study (TVS): Definition, Purpose of TVS, methods of TVS. 4.2 Passenger Car Unit (PCU) and factors affecting it. 4.3 Traffic control devices and its types: road signs, markings, signals, Traffic Signal. 4.4 Road Intersection: Conflict, Demand and Traffic Interchange.	4.1 Define the geometric elements of highway and its IRC recommendation of various geometric elements: Practical types of road geometry: Road design, side slopes, sight lines, Curves, Gradients, Super elevation, Cross, Road widening, Sight distance, Design speed and 2.2 Standard cross-sections of ROADWAY, CY, N, S, H, B, M, and V, etc. as per IRC and its application.	5	5	5	5
5	Unit - V Road Drainage and maintenance 5.1 Drainage: Definition, necessity, types and details of drainage system. 5.2 Failure of flexible and rigid pavement and its causes and preventive measures. 5.3 Maintenance of Road & its Classification.	5.1 Define the geometric elements of highway and its IRC recommendation of various geometric elements: Practical types of road geometry: Road design, side slopes, sight lines, Curves, Gradients, Super elevation, Cross, Road widening, Sight distance, Design speed and 2.2 Standard cross-sections of ROADWAY, CY, N, S, H, B, M, and V, etc. as per IRC and its application.	5	5	5	5

Signature of HOD
Ms. Tilakar K.V.
Dept. of Civil Engg.
SIET, Panh

teaching plan

Shriram Shiksha Sanstha's
For AICTE Diploma Engineering Courses
Maharashtra State Board of Technical Education
LABORATORY PRACTICAL PLANNING

Institute Name: Shriram Institute of Engineering & Technology (Poly. & Tech) (1994)
Academic Year: 2023-24
Programme: Civil Engineering
Semester: 3rd
Course: Highway Eng Course Code: ECE303
Batch: B1 / B2

Sr. No.	LLO	Practical Title / Tutorial Title	Planned Date	Performance Date	Remarks	Refined self-learning (if any)
1	LLO.1.1	Draw the sketches showing standard cross sections of R/L, S/L, MDR, ORR, VR in embankment and cutting on A3 size sheet.	01/01/23	01/01/23	C	C
2	LLO.2.1	Visit the existing road to identify the component parts of road and prepare photographic report.	01/01/23	01/01/23	C	C
3	LLO.3.1	*Conduct Softening point test on bitumen.	01/01/23	01/01/23	C	C
4	LLO.4.1	*Conduct Penetration test on bitumen.	01/01/23	01/01/23	C	C
5	LLO.5.1	Conduct Flash and Fire Point test on bitumen.	01/01/23	01/01/23	C	C
6	LLO.6.1	Conduct Ductility test on Bitumen.	01/01/23	01/01/23	C	C
7	LLO.7.1	Conduct Bitumen Extraction Test. ✓	01/01/23	01/01/23	C	C
8	LLO.8.1 LLO.8.2 LLO.8.3	Visit the road under construction to identify layers in the flexible pavement/rigid pavement, prepare photographic report consisting of Materials, Machinery used, Method of Construction and on-site testing of Materials.	01/01/23	01/01/23	C	C
9	LLO.9.1	Visit the hill road to study its components, geometrics and prepare the photographic report containing details.	01/01/23	01/01/23	C	C
10	LLO.10.1	Carry out Traffic Volume Study (minimum two hours of peak period) for an important road intersection or roadway in your city/ town/ village.	01/01/23	01/01/23	C	C
11	LLO.11.1	Analysis traffic volume data obtained from above experiment.	01/01/23	01/01/23	C	C
12	LLO.12.1	Draw and identify the traffic signs, road markings, islands, intersections in your city/ town/ village and prepare the photographic report.	01/01/23	01/01/23	C	C
13	LLO.13.1	Visit the road of any one type flexible or rigid to know the road drainage system.	01/01/23	01/01/23	C	C
14	LLO.14.1	Visit the road to identify the defects in road and suggest the possible remedial measures for it and prepare photographic report.	01/01/23	01/01/23	C	C
15	LLO.15.1	Suggest possible repairs and maintenance of the road visited in your city/ town/ village.	01/01/23	01/01/23	C	C

(Faculty shall add here list of additional practicals i.e. practicals not suggested in curriculum)

Signature of Faculty
Ms. Tilakar K.V.
Signature of HOD
Ms. Zanje N.Y.
H.O.D.
Dept. of Civil Engg.
SIET, Panh

lab plan

- 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 equipment.



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



- **Collaborative learning:** Through this approach attempts are made to nurture professional skills such as team work, leadership, resource applications, sharing ideas, recognizing problems and selecting probable solutions. As a part of project based learning, students perform micro projects, capstone projects in small groups.
- **ICT Supported learning:** Different ICT tools like LCD projectors, video lectures, tutorials and other e-resources are made available for teachers as well students in classrooms and laboratories to undergo development programs such as NPTEL, explore the e-contents relevant to the courses.

Interactive Classrooms: This method ensures interaction with students while learning and provides them opportunities to raise their opinions and queries. Flipped class room concept is used to increase student engagement and learning.



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

- **Tutorial:** As per MSBTE curriculum, some of the courses such as 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)

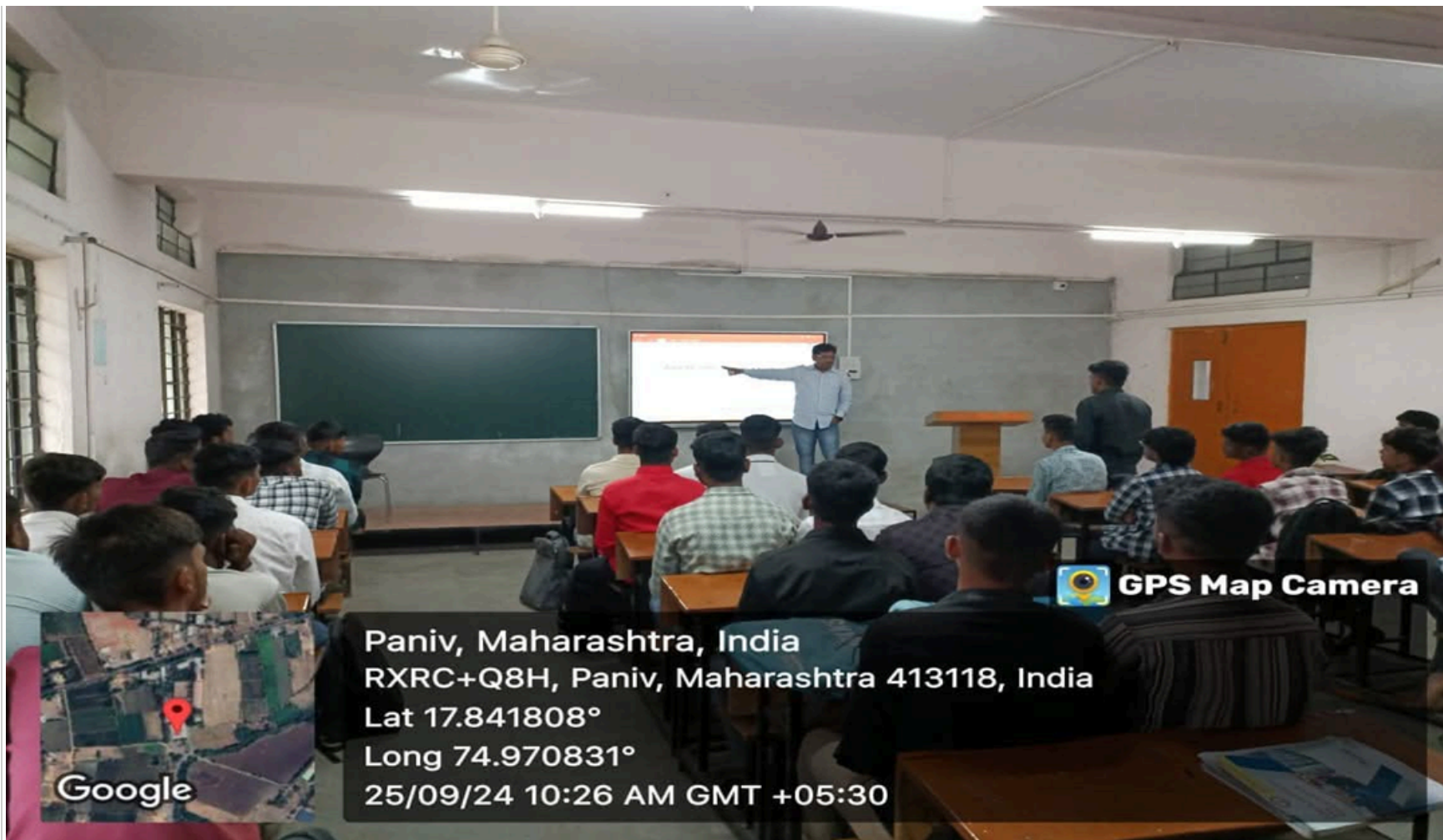
Institute Marks

3.00

2.2.1.D.Quality of classroom teaching (3)

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

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



E. Conduct of experiments (3)

Institute Marks

3.00

2.2.1.E. Conduct of experiments (3)

Practicals are performed in a group of 4-5 students. Standard Laboratory manual are available for majority of courses. Laboratory manual has objectives, instructional strategy, performance procedure and evaluation strategies for successful completion of experiments and students carried out required number of experiments specified in curriculum. During conduct of practical, laboratory

in-charge closely monitor students' involvement in guide the for calculation, writing result and conclusion. Brainstorming questions are provided at the end of each experiment. Faculty interact to prepare write-up and conduct of experiments of the courses for which laboratory manuals are not provided by MSBTE, in line with MSBTE lab Manuals, so that COs of specified course is met. Fig 2.2.1E1 and 2.2.1E2 gives sample laboratory planning sheet and evidence so 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 the manuals. For I Scheme the student's performance is assessed on following points: Due credits are given to the students for attendance, timely submission, neatness, and active participation of students in performing experiment. Students are asked questions while assessing, to check understanding of experiments. Record of continuous assessment is maintained in students' record and with course teacher in pro-forma D3.

XX Assessment Scheme

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

Fig2.2.1 F1: Specifications of Lab Assessment

Academic Year :- 2022-2023
 Course :- *Mechanics of structure*
 Semester :- III

Shri Chhatrapati Shivaji Maharaj Institute of Engineering & Technology (Poly. & Private Courses)
 Civil Engg. Department
 Progressive Assessment Of Practicals

Program :- Civil Engineering
 Course Code :- CE33
 Name of Faculty :- *Mr. Gudekar*

Roll No.	Enrollment No.	Exam. Seat No.	Name of student	Experiment / Job / Assignment / Sheet / Activity of Project (Marks out of 25 per experiment)	Total Marks out of 2500 (Of Expt) (200)	Pts. Marks of Pract. Converted according to Scheme (Max. Marks)
1	2	3	4	5	6	7
2201	1916440056	200279	INGALE YASHRAJ BAPUSAHEB	19 20 21 21 20 19 19 20 21 21 19 19 20 20	230	20
2202	2109940001	200280	NAKATE PRADESHINI AMOL	20 21 22 22 22 21 21 20 20 19 20 21 21 21	234	21
2203	2109940003	200281	SHANDALKAR AMIT DHANAJI	15 16 17 18 19 20 21 21 20 19 15 16 17 18	252	18
2204	2109940004	200282	MISAL ADITYA PANDIT	17 16 15 20 19 18 18 17 16 15 19 20 21 21	252	18
2205	2109940005	200283	MULANI HASIM JAVED	21 21 20 19 15 16 17 18 18 19 20 15 16 17	252	18
2206	2109940006	200284	BHOSALE SOMNATH SHYAMSUNDAR	16 17 18 19 20 21 22 22 21 20 18 17 16 19	266	19
2207	2109940007	200285	MOTE PRADEEP RANIT	20 21 22 18 19 20 21 22 23 24 21 21 21 20	234	21
2208	2109940008	200286	GAVALI NIKHIL MARUTI	15 16 17 18 19 20 21 21 20 19 15 16 17 18	252	18
2209	2109940009	200287	CHAVAN SUSHANT SAKHARAO	18 17 16 15 19 20 21 21 20 19 18 17 16 15	252	18
2210	2109940010	200288	SHAWARE PRASHANT SAMBHAJ	13 14 15 16 17 18 13 14 15 16 17 18 15 15	210	15
2211	2109940011	200289	HAFTIZ HASRUDIN KAZI	23 23 22 21 23 23 22 23 23 24 22 23 23 23	322	23
2212	2109940012	200290	GAVALI NIKHIL MARUTI	16 17 18 19 20 21 22 22 21 20 18 17 16 19	266	19

Sample pro-forma D3 Is shown in picture.2.2.1F 2.

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

Institute Marks

6.00

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

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

D-14

For AICTE Diploma Courses wef - 2017-18

Maharashtra State Board of Technical Education

STUDENTS FEED BACK

(Head of the Department shall take the Feed Back at the End of Second Class Test)

Academic Year: Program: Semester: Date:

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

(Name & Signature of HOD)

Fig2.2.1G1:Format of Student Feedback Form

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

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

Academic Year :- 2024-2025 Semester :- II Date :-

D-14
S.I.E.T. (Poly) Dept. of Civil Engg.
Paniv

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	AMS-312301	Mr. Patil P.P	5	4	5	4	4	22
2	EGM-312312	Ms. Korabu S.I	4	4	5	5	5	23
3	ACH-312308	Mr. Shaikh J.H	5	5	5	4	4	23
4	APH-312308	Ms Mulani P.H	4	5	5	5	5	24
5	SUY-312339	Mr. Lokhande L.U	5	5	5	4	5	24
6	BMC-312338	Mr. Lokhande P.H	5	5	4	4	5	23

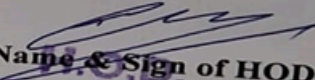
Suggestions! - Use video lectures

Name & Signature of H.O.D. Civil Engg.
Paniv


Shriram Shikshan Sanstha's
Shriram Institute of Engineering and Technology (Poly), Paniv-0994.
Department of Civil Engineering
Academic Year 2025-2026
Student Feedback of Teaching Learning Process

Class:- FY CE **Semester :- Second** **Date :- 04/04/2026**

Sr. No	Name of Staff	Taught Subject	Subject Code	Max Avg Marks (25)
1	Mr. Bhosale J.R.	Professional Communication	312002	18
2	Mr. Tandale B.S.	Basic Mathematics	312301	16
3	Mr. Shaikh J.H.	Basic Chemistry	312308	17
4	Ms. Parade Maam	Basic Physics	312308	18
5	Ms. Tilekar K.V.	Building Material and Construction	312338	17
6	Ms. Korabu S.I.	Engineering Mechanics	312312	15
7	Mr. Lokhande L.U.	Surveying	312339	17
8	Mr. Devkate R.A.	Socioal and Life Skills	312003	16


Name & Sign of HOD
Dept. of Civil Engg.
SIET, Paniv

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

Institute Marks

10.00

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

Institute Marks

5.00

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
- Class Test 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 format)
- The test co-coordinator 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-ordinator 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

1. 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.
2. All students write it & submit within a week and each question is mapped with CO's. So, the

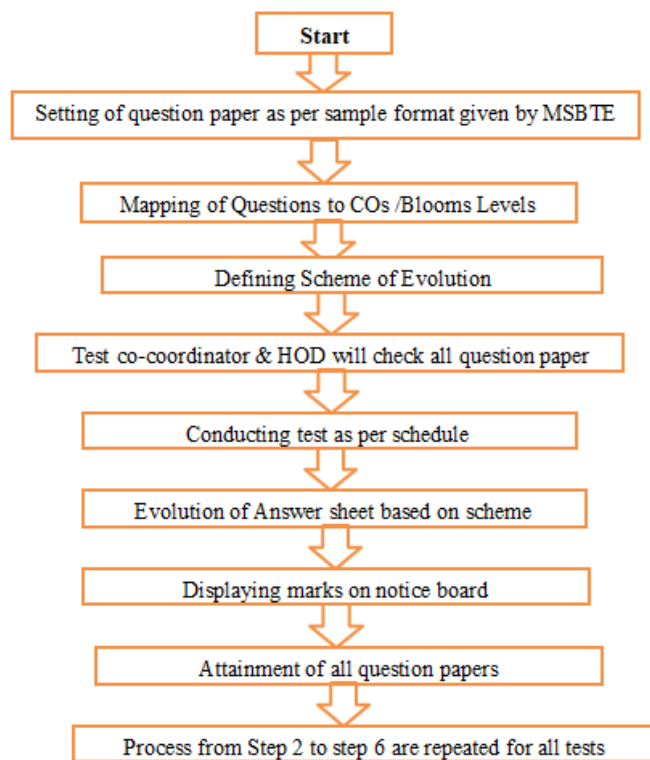
Students will be able to understand course outcome of subject.

3. Assignments are designed as per MSBTE question paper pattern.

Sr. No.	Parameter	Initiative Taken	Skills Developed
1	MSBTE Exam	1. Chapter wise questions given 2. Previous Years Paper solving 3. Sample Question paper solving	1. Preparation of exam becomes easy 2. Repeated questions can be easily attempted
2	Class Test	1. Structured question area asked	1. Recall/Remember Factual knowledge
3	Unit Test	2. Action verbs are used as per blooms taxonomy such as Differentiate, Draw, Explain, List etc	2. Organize the knowledge.

4	Practical Sessions	1. Question based on Experiments in the manual 2. Practical related Theory questions are asked while assessment	1. Provides to the students a technique For self-evaluation 2. Improve Cognitive and Affective Ability of the student
5	Assignments	1. Unitwise assignments Are given based on previous questions paper	1. Improves understanding of concept 2. 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 department's notice board.
- The faculty assesses the answer sheets as per the model answer and the marking scheme.
- Assessed answer sheets are shown to the students and appropriateness of the answers and expectancy is discussed.
- These marks are used in the CO attainment calculation of the course.

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

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

Sr.No	Unit	Unit Title	Aligned COs	Learning Hours	R-Level	U-Level	A-Level	Total Marks
1	I	Overview of geology and geotechnical engineering	CO1	5	4	4	0	8
2	II	Physical and Index Properties of Soil	CO2	12	4	4	12	20
3	III	Permeability and Shear Strength of Soil	CO3	10	2	8	6	16
4	IV	Compaction and Stabilization of soil	CO4	10	4	4	6	14
5	V	Site Investigation and Bearing Capacity of Soil	CO5	8	0	8	4	12
Grand Total				45	14	28	28	70

Fig2.2.2A1: Sample specification table



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv.
 Institute. Code: 0994.
Maharashtra State Board of Technical Education, Mumbai
 (A.Y 2025-26)
Class Test-I

Roll No.

Course Name : Civil Engineering	Class : SY Civil
Subject Title : Geotechnical Engineering	Semester : IV
Subject Code : 314315	Marks : 30 M
Date : 29/1/2026	Time : 2:00 TO 3:30 PM
Course Code : CE4K	Duration : 1:30 Hr

Instructions:

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

CO No.	CO STATEMENT	CO's	Blooms Level
1.	Apply the basic knowledge of Geology and Geotechnical Engineering in given situation.	CO1	BL1(R)
2.	Measure the physical properties of given soil sample	CO2	BL2(A)
3.	Determine the shear strength of given soil sample	CO3	BL3(A)

Q. 1	Attempt any five out of Seven. (5 X 2= 10 Marks)	CO No.	Bloom's Level
1.	Define Geology and state its branches.	CO1	BL1(R)
2.	State important uses of igneous, sedimentary and metamorphic rocks.	CO1	BL1(R)
3.	Define void ratio and Porosity	CO2	BL1(R)
4.	Define specific gravity and plasticity index.	CO2	BL1(R)
5.	Define liquid limit and plastic limit	CO2	BL1(R)
6.	Define Permeability.	CO3	BL1(R)
7.	Define flow net. State its two characteristics	CO3	BL1(R)
Q. 2	Attempt any five out of Seven. (5X 4= 20 Marks)	CO No.	Bloom's Level
1.	State field applications of geotechnical engineering.	CO1	BL1(R)
2.	State any four applications of soil as construction material and foundation material.	CO1	BL2(U)
3.	Explain measuring of field density and moisture content by core cutter method	CO2	BL2(U)
4.	Explain the laboratory procedure of determining plastic limit of soil	CO2	BL3(A)
5.	Calculate void ratio, porosity, and degree of saturation of soil mass of bulk density 1.76 specific gravity of soil grains 2.7 and water content as 30%.	CO2	BL2(A)
6.	Explain step by step procedure to determine coefficient of permeability of fine grained soil by constant head method in laboratory.	CO3	BL1(R)
7.	State Factors affecting shear strength of soil.	CO3	BL3(A)

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

Unit Test / Class Test No. : II Date : 02/01/2026

Name of the Student : Shriram Mahavir Sathe

Program : ME/CE/EE/EJ/CM Class : SY Roll No. : 2709

Course Name : Geotechnical engg. Course Code : 314315

Scheme : K Signature of Supervisor : [Signature]

Que No.	a	b	c	d	e	f	h	Total
1	2	2	2	2		2		10
2	4			2	3	3	4	16
3								
4								
5								

Sign. of Staff : [Signature] Grand Total : 26

Name of Staff : tilekar K.V. Out of : 30

4 Page

Q.1.

1. → (i) cohesion :- The force of attraction of the soil particles is called the cohesion compound means attraction between similar particle.

(ii) Internal friction :- When the particle move against one another force of friction comes into play in the opposite direction of motion.

Fig2.2.2A3: Unit Test Answer Paper

Fig2.2.2A2:Unit Test Question paper

Following photo shows sample copy of test Mark Result Analysis maintained in the department in academic year 2025-26

Maharashtra State Board of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering And Technology (Poly.), Panvel
Instt. Code :- 0994
Academic Year :- 2025-26
Civil Engg. Department

Class:- S. Y. CIVIL
Examination :- Class Test I
Sem:- III

Conducted during :- 11/08/2025 To 12/08/2025
Maximum mark for each subject:- 30 Marks
Scheme:- K

Roll No.	Enrollment No.	Name of Candidates	Marks Out of 30				Total Marks out of 120	Total No. Failed Subject	% Marks
			Strength of Material (03/30)	Advanced Surveying (03/30)	Concrete Technology (03/30)	Highway Engineering (03/30)			
2201	24212330230	KARJH. SANGRAM DALAY	26	26	29	27	108	0	90.00%
2202	24212330242	RUPNWAR SAMADHAN KASLING	25	26	26	26	103	0	85.83%
2203	24212330243	ZANDE TEJASWINI RAJU	24	27	29	28	108	0	90.00%
2204	24212330244	SHINDE VISHAL APPA	24	25	29	28	106	0	88.67%
2205	24212330246	SONTAKKE VAIBHAV MARUTI	24	25	29	28	106	0	88.67%
2206	24212330247	ADSE SNEHAL SACHIN	24	26	26	25	101	0	84.17%
2207	24212330249	REPNWAR VAISHNAVI RAJARAM	24	25	28	26	103	0	85.83%
2208	24212330250	PATIL VISHWAJIT PRADIP	26	28	28	26	110	0	91.67%
2209	24212330251	GAWADE RAHUL KALLAPPA	26	26	26	25	103	0	85.83%
2210	24212330252	YAMGAR SAURABH DADA	24	25	27	26	102	0	85.00%
2211	24212330253	NATHE SHIRIRAM MAHAVIR	23	28	26	26	103	0	85.83%
2212	24212330254	THORAT AMRUTA ANKUSH	26	25	27	26	104	0	86.67%
2213	24212330255	NARTAPE SARINA KAILAS	23	28	26	28	105	0	87.50%
2214	24212330256	KARNAYAR VISHWATEJ AJNATH	24	28	27	26	105	0	87.50%
2215	24212330257	DENHAMURKH VASHIRAJ SATISH	24	27	26	25	102	0	85.00%
2216	24212330258	THAYARE VAISHALI ANKUSH	25	25	26	25	101	0	84.17%
2217	24212330265	SHINDE VIHARAJ RAHUL	29	30	30	29	118	0	98.33%
2218	24212330276	SHINGATE AKANKSHA PANDURANG	25	25	27	28	105	0	87.50%

Roll No.	Enrollment No.	Name of Candidates	Marks Out of 30				Total Marks out of 120	Total No. Failed Subject	% Marks
			Strength of Material (03/30)	Advanced Surveying (03/30)	Concrete Technology (03/30)	Highway Engineering (03/30)			
2219	24212330277	SHIRSAKE KARAN SAHED	26	26	29	26	107	0	89.17%
2220	24212330278	KAMBLE SUMITRA SUDHARTH	28	27	26	28	109	0	90.83%
2221	24212330281	PINE SUNILVISHNU	27	28	28	28	111	0	92.50%
2222	24212330289	PANDE ANKET MAHADEV	27	26	27	26	106	0	88.33%

Result Analysis

Total No. of Candidates	22	22	22	22
Total No. of Present Candidates	22	22	22	22
Total No. of Absent Candidates	0	0	0	0
Total No. of Pass Candidates	22	22	22	22
Total No. of Fail Candidates	0	0	0	0
Subject Teacher Sign	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Subject Teacher Name	Mr. Gade S.P.	Mr. L. Chhabra S.A.	Mr. Desai R.A.	Mr. Dhole R.V.
Percentage of Result	100%	100%	100%	100.00%
Obv. All Result in %	100%			

Topper

No. No.	Name of Student	% Marks
1	THAYARE VAISHALI ANKUSH	98.33
2	PINE SUNILVISHNU	92.50
3	REPNWAR VAISHNAVI RAJARAM	91.67

Principal
Shriram Institute of Engineering And Technology (Polytechnic), Panvel
M. S. D. Dept. of Civil Engg. B.T.E.D. Panvel

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:

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

Sr.No	Unit	Unit Title	Aligned COs	Learning Hours	R-Level	U-Level	A-Level	Total Marks
1	I	Overview of construction Materials	CO1	7	4	4	4	12
2	II	Special Purpose Building Construction Materials	CO2	6	0	4	4	8
3	III	Construction of substructure & Superstructure	CO3	14	4	12	8	24
4	IV	Building Communication	CO4	12	2	6	8	16
5	V	Building Finishes	CO5	6	0	6	4	10
Grand Total				45	10	32	28	70

Fig2.2.2B: Specification Table for Setting Question Paper

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

Institute Marks

0.00

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: (314315)		COURSE NAME: Geotechnical Engineering					
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.

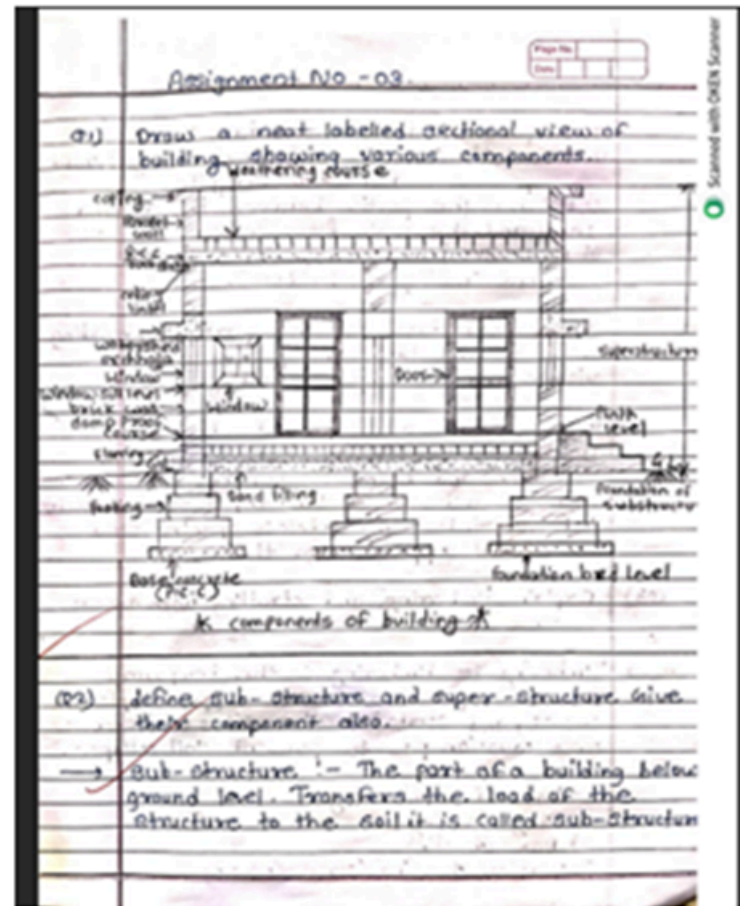
COURSE CODE: (314315)		COURSENAME: Geotechnical Engineering					
SR. NO.	TITLE	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
1	Assignment No.1	√					
2	Assignment No.2		√				
3	Assignment No.3			√			
4	Assignment No.4				√		
5	Assignment No.5					√	
6	Assignment No.6						√

Sample Assignment

Assignment No. 3

Subject – BMC (312338)

1. Draw a neat labeled sectional view of building showing various component
2. Define sub-structure and superstructure. Explain their component part.
3. Explain timbering and strutting with neat sketch.
4. State any four requirement of good formwork
5. Differentiate between end bearing pile and friction pile



2.2.3 Quality of Experiments (15)

Institute Marks

15.00

A. Experimental methodologies (5)

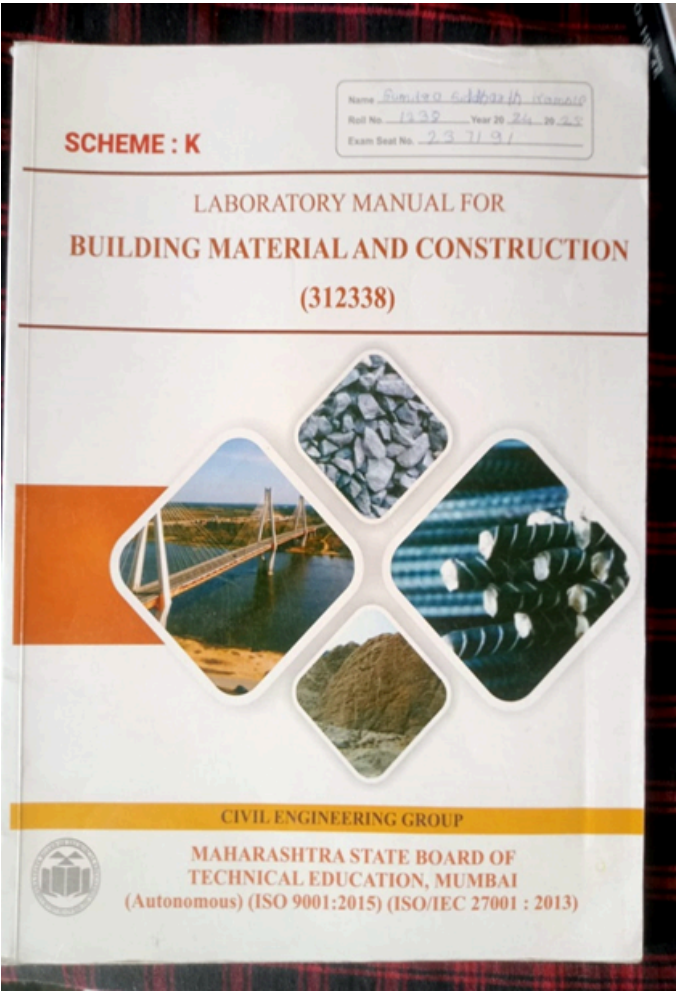
Institute Marks

5.00

2.2.3. A. Experimental methodologies (05)

Forms to the courses experiments are prescribed in the syllabus. Before performance pre requisites are explained and demonstrated. Experiments are conducted in a group of 5 to 6 students. Basically intellectuals kills 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.

Fig2.2.3A gives sample practical performances in laboratory, attendance sheet, laboratory manual, laboratory assessment sheet



Laboratory Manual

For ACOTE Diploma Courses With Effect From 2011-12

Maharashtra State Board of Technical Education

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

Academic Year : _____ Name of Faculty : _____
Course & Code : _____ Subject & Code : _____
Name of Candidate : _____ Enrol No : _____ Roll No : _____
Semester : _____ Marks : _____ Marks : _____

Sl. No.	Date of Exam	Name of Experiment / Assignment	Total out of 100 Per Exam	Dist. sign of Teacher
1	2	3	4	5
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
Total				
Marks Out of 100 & No of Exams				

Signature of Student _____ Signature of Faculty _____

Note: 1) Any fractional marks should be rounded to next integer.
2) While allotting the marks to the performed experiment/Assignment (P/A) should be considered.
3) Marks to be transferred to Proficiency 5-2

C : Cognitive - Contains knowledge, Understanding, Extension parameters of the experiment etc. Weightage 4 marks, 5-0 related questions to be asked.

P : Psychomotor skills - To draw, To fit, To perform etc. Weightage 4 marks. Observe hands on skills performance & ask questions.

A : Affective Domain - Such as Punctuality, Timely submission, Neatness etc. Weight age 2 Marks.

* Not necessary for lab manual as first sheet of the lab manual has the same placed proficiencies.

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 skills like identification of component sin IC Engines, motor skills such as assembling and dismantling 4 stroke IC engine industrial visits are arrange ding ST workshops. Workshops are organized with the help of industry person to provide hand son experience to the students. Industrial visits are often arranged to understand the application of the cortical concepts.
- MoU's with local industries to enhance Institute-Industry interaction and opportunities to undergo training.
- Virtual labs of IIT,NIT are used for different courses in Civil engineering.

C. Relevance to outcomes (5)

Institute Marks

5.00

2.2.3. C. Relevance to outcomes (05)

All the experiments in 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 understand /solve key concepts discussed in the class room.
2. Apply the knowledge of engineering practices, science and mathematics to propose and apply effective engineering solutions.
3. Identify suitable hardware/ software part to implement algorithms/procedures.
4. Work effectively in groups or as individual member to complete the assigned responsibilities
5. By holding ethical standards with concern to global, environmental, economic, social issues and life- long learning.
6. Communicate effectively about laboratory work both or ally and in writing technical reports.

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

Practical - Course Outcome Matrix						
CO a - Identify relevant type of construction materials for the given type of building.						
CO b- Use the relevant type of special purpose construction materials in the given situation.						
CO c - Undertake the given type of building construction activity for the given component of building structure.						
CO d - Design the relevant means of communication for the given building structure.						
CO e - Use the relevant type of material for finishing purpose in the given situation.						
Sr. No	Practical Outcome	CO a.	CO b.	CO c.	CO d.	CO e.
1.	Identify minimum three available construction materials in the laboratory and prepare a report with photos/pictures/sketches including write up on its sources and utility.	✓	--	--	--	--
2.	Identify the grain distribution pattern of the given sample of wood material available in the laboratory and draw the various patterns to prepare concise report on it	✓	--	--	--	--
3.	Prepare the inspection report with relevant photographs by inspecting the three pits of foundation of a site to identify the different types of layers of soil strata.	✓	--	--	--	--
4.	Record the dimensions of 10 bricks to find its average dimension, weight with relevant interpretation report.	✓	--	--	--	--
5.	Perform field tests on given sample of brick such as- dropping, striking and scratching by nail and interpret the results obtained to decide its quality and prepare a report on it.	--	✓	--	--	--
6.	Apply the relevant termite chemical on given damaged surface of timber and submit the observation report after one month with photos/pictures.	--	✓	--	--	--
7.	Apply two or more coats of selected paint on the prepared base of a given wall surface for the area of 2m x 2m using relevant tools brush/rollers adopting safe practices and prepare a report on it.	--	✓	--	--	--
8.	Prepare the cement mortar of proportion 1:3 or 1:6 using artificial sand as a special processed construction material and prepare a report on it with sketches/photos while preparation of mortar.	--	--	✓	--	--
9.	Assemble one and half Brick thick wall in an English Bond and prepare a report on it with pictures/photos.	--	--	✓	--	--
10.	Assemble Brick thick wall in a Flemish Bond. (Minimum 3 Course) and prepare a report on it with sketches/photos.	--	--	✓	--	--
11.	Prepare a visit report with sketches/photos by arranging visit to stone masonry construction work.	--	--	✓	--	--
12.	Prepare a visit report with sketches/photos of construction site with respect scaffolding, formwork and centering work.	--	--	✓	--	--
13.	Prepare report with labelled sketches of inspected staircase components during site visit.	--	--	--	✓	--
14.	Prepare report with labelled sketches of inspected doors and windows components during site visit.	--	--	--	✓	--
15.	Prepare report with labelled sketches of inspected flooring and roofing materials during site visit.	--	--	--	--	✓
16.	Prepare a visit report with sketches/photos by observing the process of plastering and pointing of a masonry work at construction site.	--	--	--	--	✓
17.	Prepare a visit report with sketches/photos by observing keenly the process of painting in residential / public building.	--	--	--	--	✓
18.	Carry out market survey of the building materials used for Brickwork, Flooring, Plastering and Painting, available in your city & prepare a report (each of five).	✓	✓	--	--	--
19.	Prepare the site visit report of the nearby heritage structure to inspect the Civil Engineering attributes with reference to ICS.	✓	--	✓	--	--

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

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

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

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

Project Allocation Process:

Groups comprising of 4-5 students are formed by their choices and groups are randomly allotted to the teachers who work as their project guide.

Groups select multiple topics in their area of interest and considering latest trends/demand in the industry or benefit for the society.

Under the guidance of allotted guide, the group finalizes the project topic for their CPP & CPE course.

Under the guidance of allotted guide, the group finalizes the project topic for their CPP & CPE course.

The student performs literature survey and maintains a diary showing the weekly updates on the project.

Project Synopsis/ Planning Report and weekly diary is prepared and submitted to respective Guide for evaluation at the end of the 5th Semester.

Project Model along with detailed report and weekly diary is

prepared and submitted to respective Guide for evaluation at the end of the 6th Semester.

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

List of project and POs/PSOs for CAY 2025-26:

SR. NO.	Name Of Project	Type of Project	POs/PSO covered
1.	Thermo Mechanical Treated Rod Bending Machine	Design based	PO1, PO2, PO3, PO4, PO6, PSO1, PSO3
2.	Use Of Waste Plastic Waste In Bituminous Road Construction	Design based	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3
3.	Rotating bridge	Design based	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3

4.	Rain Water Harvesting In Roof Top	Design based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
5.	Waste Management	Design based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
6.	Traffic Management System In Emergency By Hydraulic Foot Path	Design based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3

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

SR. NO.	Name Of Project	Type of Project	POs/PSO covered
1	Recycling and re use of municipal solid waste in construction	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
2	Highway failure & their maintenance	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
3	Replacement of aggregate by using coconut shell	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
4	Experimental study on replacement of cement by baggash ash	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
5	To study about zero Energy building.	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3

6	To study suspension bridge with under pedestrian walkway	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
7	Comparative evaluation of strength properties of green concrete and conventional concrete	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
8	To study the Fiber Glass Brick	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
9.	To study Electricity generation from solid waste.	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3
10	Waterproofing techniques and their application to civil structure	Application based	PO1, PO2, PO3, PO4, PO5,PO6, PO7,PSO1,PSO2, PSO3

List of project and POs/PSOs for CAY m1 2023-24:

Sr. No.	Name Of Project	Type of Project	POs/PSO covered
1	High Performance Concrete	Study based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
2	Highway Failuare and their maintenance	Study based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1, PSO2, PSO3

3	Strength and flexural toughness of steel fibre reinforced concrete	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1, PSO2,PSO3
4	Earthquake resistant analysis and design of multistoried residential building	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
5	Behaviors of concrete by partial replacement of coarse aggregate with recycled plastic granules	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
6	Study resources productivity of pune pandharpur national highway project	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
7	Experimental strength analysis of concrete by using different curing method	Application based	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PSO1,PSO2, PSO3
8	Study of lift irrigation scheme	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)

1. At the end of 5th semester, each project batch submits the action plan and abstract of the project along with list of materials required, if project involves fabrication or other facilities required for different kinds of projects.
2. Each group member is asked to write assignments on the action plan prepared for the project during fifth semester and respective guided o the continuous assessment as certaining contribution of individual in fulfilling the task during practical hours allocated.
3. Procurement of materials, assembling, testing, interpretation of results, report writing including costing and benefits to society is done in sixth semester. Format of report is specified in the syllabus. 4. Evaluation is based on continuous assessment at each step of project starting form finalization of project, related literature survey , procurement of material, testing of components, assembly components,, connections if any, performance, observations ,results, their interpretation and analysis.

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

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

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

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



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

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

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

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)

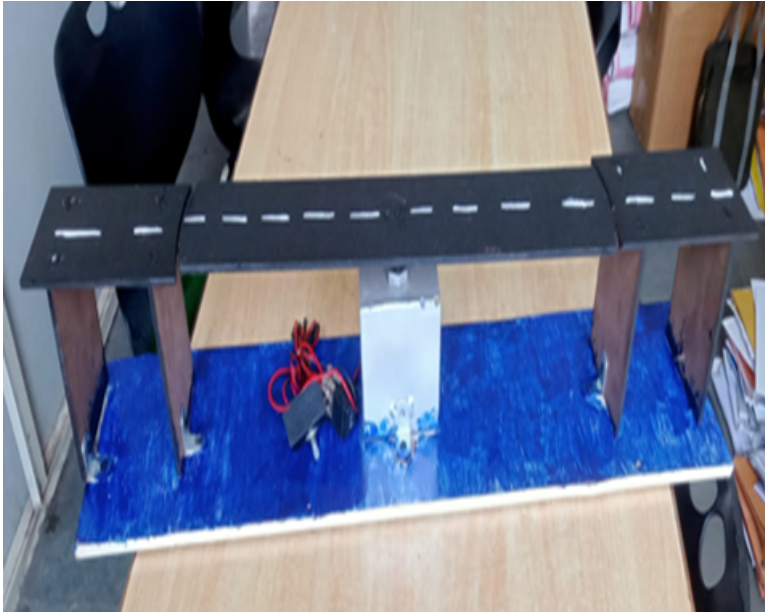
Students deliver their projects through project reports in following format.

Quality of Project Report

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

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

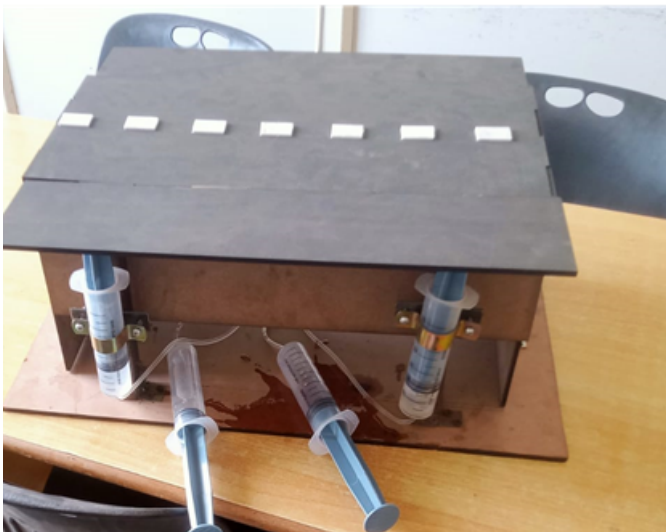
Working of prototype is demonstrated to guide in mid sessions, to head of the department during submissions. Hon. Principal Encourage students for demonstration. During end semester exam students are assessed based on demonstration of proto type and oral examination



Rotating Bridge



Rain Water Harvesting In Roof Top



Traffic Management System In Emergency**By hydraulic foot path****Use Of Waste Plastic Waste In****Bituminous Road Construction****F. Papers published /Awards/ Recognition received by projects at State/ National level (5)**

Institute Marks

5.00

Academic Year-2025-2026

Sr.No	Enrollment No.	Name of Students	Title of Paper	Journal	Hard Copy
1	23212330018	Kokare Nikita Tulshiram,	Research Paper- Analysis of Sugar Cane Bagasse Ash Use In Cement.	IJSRD	Yes
	23212330011	Mane Renuka Popat,			
	23212330017	Lavate Rushikesh Ramdas,			
	23212330013	Magar Pranav Ashok.			
2	23212330003	Gaikwad Vivek Vilas,	Review Paper- Review of Traffic Management System In Emergency Using Hydraulic Footpath	IRJMETS	Yes
	23212330006	Mane Sangram Sanjay,			
	23212330001	Lokhande Saloni Sanjay,			
3	23212330004	Hulage Sujit Shivaji.	Research Paper- Design & Experimental Analysis of	IRJMETS	Yes
	23212330003	Gaikwad Vivek Vilas,			

	23212330006	Mane Sangram Sanjay,	Traffic Management System In Emergency Using Hydraulic Footpath		
	23212330001	Lokhande Saloni Sanjay,			
	23212330004	Hulage Sujit Shivaji.			
	23212330038	Sarade Utkarsh Sanjay,			
4	23212330037	Kumbhar Shreyash Ganesh,	Research Paper- Design & Experimental Analysis of Rooftop Rainwater Harvesting System.	IRJMETS	Yes
	23212330040	Nikam Prachi Rajendra,			
	23212330036	Pote Shravani Sudhakar.			
	24212330284	Kharat Siddharth Vijay,			
5	24212330287	Mane Deshmukh Tanishk Sudarshan,	Research Paper- Utilization of Waste Plastic In Bituminous Road Construction : Experimental Investigation	IRJMETS	Yes
	24212330291	Waghmode Rutuja Uttam.			
	23212330024	Nilte Ashutosh Hanumant,			
6	23212330025	Mane Rupali Bapu,	Research Paper- Design, Fabrication And Experimental Analysis of A manual TMT Rod Bending Machine.	IRJMETS	Yes
	23212330027	Mane Bablu Dipak,			
	23212330035	Jadhav Harshvardhan Bapusaheb.			

Academic Year-2024-2025

Sr.No	Enrollment No.	Name of Students	Title of Paper	Journal	Hard Copy
1	Nil	Nil	Nil	Nil	Nil

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	Topic	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO
1	Expert Lecture	Practical and Theoretical Knowledge Civil Engg. Laboratory Instruments	3/7/2026	Mr. Mane Rajendra M. (Proprietor Swastik Engg Pvt. Ltd.)	97	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

		And their Application				
2	Expert Lecture	Scope and Career Opportunities in civil engg. With construction site practices	3/9/2026	Mr. Balasaheb Pitamber Yadav (Yadav Associates)	97	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Expert Lecture	Practical and Theoretical Knowledge Surveying	3/10/2026	Mr. Gorad Chandrakant Manik (Professor Collage of Engg. Phalatan)	97	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
4	Expert Lecture	Modern Surveying Technique	3/10/2026	Mr. Kulthe Sachinkumar N. (Sachita Prtishthan Baramati)	97	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
5	Expert Lecture	Financial Aspects Regarding Startup	3/10/2026	Mr. Sachine Khandave Assitant Manager SBI	97	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
6	Expert Lecture	Use of AI in Civil Engineering with BIM technology .	04/09/2025	Mrs. Gitte Priyanka (M.Tech in Construction Management) trainer and infrastructure consultant	55	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
SR. NO.	Content/Mode	Date/Month/Year	Topic	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO

CAY 2024-25:

1	Expert Lecture	24/10/2024	Advanced surveying	Mr.Jitu Laxman Batra	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
2	Expert Lecture	15/2/2025	Environmental education and sustainability	Dr.Vedpathak Mangesh Mohan. Asst.Professor Civil Engg. Dept. Godawat University, Kolhapur	91	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Expert Lecture	15/2/2025	Friendship with nature through responsible recycling	Dr.Vedpathak Mangesh Mohan. Asst.Professor Civil Engg. Dept. Godawat University, Kolhapur	91	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
4.	Expert Lecture	17/2/2025	Hydraulics	Mrs.Mane Vanita Dyandev, Lecturer Civil Engineering dept. Babasaheb Phadatare Technology, Kalamb	92	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

CAY 2023-24:

Content/Mode	Date/Month/Year	Date/Month/Year	Resource Person with Designation	No. of Students Present	Relevance to Pos / PSO
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1	Expert Lecture	25/09/2023	Geotechnical Engineering, Jaljivan Mission, Atalbhujal Yojana.	Mr.Tejas. S.Patil (Geotechnical Engineering, Jaljivan Mission, Atalbhujal Yojana Execution Consultancy Work	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
2	Expert Lecture	30/01/2024	Industrial Management	Mr.Kangale Nitin Ruqubadas (Incharge Principal SIMS Akluj)	101	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Expert Lecture	28/2/2024	Hydraulics	Mr.Gorad Chandrakant Mane	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

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:

CAY 2023-24:

SR. NO.	Content/Mode	Date/Month/Year	Visit Name	No. of Students Present	Relevance to Pos / PSO

1	Industrial Visit	07-10-2023	Water treatment plant	90	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
2	Industrial Visit	17-10-2023	Ujjani dam, Bhimanagar	90	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Industrial Visit	13-02-2024	Kurduwadi Railway Station	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
4	Industrial Visit	09-02-2024	Bridge and Road Construction	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

CAY2024-25:

SR. NO.	Content/Mode	Date/Month/Year	Visit Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	10-10-2024	Dams and hydraulics structure	49	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
2	Industrial Visit	1/3/2024	Industrial Management	74	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Industrial Visit	2/3/2024	Hydraulics	105	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

CAY2025-26:

SR. NO.	Content/Mode	Date/Month/Year	Visit Name	No. of Students Present	Relevance to Pos / PSO
1	Industrial Visit	04/03/2026	Kurduwadi Railway Station	40	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
2	Industrial Visit	29/8/2025	Surveying, Measurement of Total station	49	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3
3	Industrial Visit	29/8/2025	Visit to Highway Engineering, Malshiras	74	PO1,PO2,PO3,PO4,PO5,PO6 PO7, PSO1,PSO2,PSO3

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
1	Gujar Construction	Industrial Training Offline	6	12 week

2	Samarth Construction	Industrial Training Offline	2	12 week
3	Rainbow Construction	Industrial Training	4	12 week
4	Shree Architects	Offline	1	12 week
5	S.M Construction	Industrial Training	1	12 week
6	Sai Construction	Offline	4	12 week
7	VB Infra	Industrial Training	1	12 week
8	Srujan Associates	Offline	1	12 week
9	Eagle Construction	Industrial Training	1	12 week

CAY 2024-25:

SR. NO.	Industry Details	Purpose Of In plant Training	No.of students Completed In- Plant training	Duration	Pos & PSO Addressed
1	Chaitanya Associates, Akluj	Industrial Training Offline	36	6 Week	PO1,PO7,PSO1

CAY 2023-24:

SR. NO.	Industry Details	Purpose Of In plant Training	No.of students Completed In-Plant training	Duration	Pos & PSO Addressed
1	Girme Automotives, Malinagar	Industrial Training Offline	55	6 Week	PO1,PO7,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.

Sriyram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engg. Department

Evaluation Sheet for PA of Industrial Training
Academic Year :- 2023-24
Industrial Training
Semester :- Fifth

Name Of Industry:- Chaitanya Associates Akhaj
Program :- Cesi
Course Code :- 22049
Name of Faculty :- Mr.Sawant V.V



Name of Faculty :- Mr.Sarwat V.V												
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 (30)			
1	1916440056	INGALE YASHRAJ BAPUSAHEB	4	4	5	4	4	4	25	20	20	65
2	2109940001	NAKATE PRABODHINI AMOL	5	4	5	4	4	5	27	23	18	68
3	2109940003	BHANDALKAR AMIT DHANAJI	4	4	5	4	4	4	25	22	15	62
4	2109940005	MULANI HASIM JAVED	4	5	4	4	4	5	24	23	16	63
5	2109940006	BHOSALE SOMNATH SHYAMSUNDAR	4	5	4	3	4	3	23	20	18	61
6	2109940007	MOTE PRADEEP RANJIT	4	4	5	4	4	4	25	23	18	66
7	2109940011	NAFEEZ NASRUDDIN KAZI	5	4	5	4	4	5	27	23	20	70
8	2109940013	MASKE PIYUSH DHANANJAY	4	4	5	4	4	4	25	18	17	60
9	2109940014	TARANGE VIKAS LAXMAN	4	5	5	4	4	4	26	23	18	67
10	2109940019	NIKAM SHUBHAM RAJENDRA	4	4	5	4	4	4	25	22	17	64
11	2109940020	NIKAM OMKAR SANJAY	4	4	5	4	4	4	25	22	18	65
12	2109940158	AIWALE PUJA DATTATRAY	3	3	3	4	4	3	20	23	17	60
13	2209940425	KOLEKAR TUSHAR SHAHAJI	4	4	5	4	4	4	25	20	18	63
14	2209940427	TAMBOLI AZAR AKHTAR	3	4	3	4	3	4	21	23	17	61
15	2209940428	MANE AJINATH SURESH	3	4	3	4	3	4	21	23	18	62
16	2209940430	DESHMUKH ABHISHEK SAMPATTI	4	5	4	5	4	3	23	23	19	65
17	2209940431	MITKAL SAURAV ANNASAHEB	4	4	3	4	3	4	22	20	18	60
18	2209940433	BAGAL MAYUR POPAT	3	4	3	4	3	4	21	23	18	62
19	2209940434	MANE SHUBHAM SHIVAJI	4	4	3	4	3	4	22	23	19	64
20	2209940435	WAGUMODE SACHIN GAJANAN	4	5	4	3	4	3	23	22	18	63

Name & Designation of the Mentor/ Faculty

(Mr. Sawant V.V) Lecturer

Name & Designation of the Industry Supervisor,

(Mr. Pandhore N.P) Site Engg.

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MSBTE format of evaluation sheet for PA of industrial Training


MSBTE
 Maharashtra State Board of Technical Education
 Maharashtra Institute of Engineering & Technology (Pvt.) Ltd. (1999)
 A.P. Parle, Tal. Mahabaleshwar, Dist. Sahaygarh, Pin 411013 (Maharashtra)
 Website: www.msbtet.org, Email: msbtet@gmail.com

Department/Coin of Engineering Department
 Academic Year: 2023-24
 Subject/Industrial Training
 Test Code: 2094

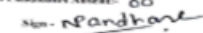
Scheme: I
 Term: V
 Date: 24/07/23

Consolidated Format For P/ESE of Industrial Training

Sr. No.	Enrollment Number	Name of Student	Name of Industry	Total Marks (75) Format 5
1	2109940001	DIGAM J. VASERAT BAPULAKHED	Chaitanya Associates, Akaj	65
2	2109940001	NAKATE PRADIPKUMAR ANKOL		70
3	2109940003	PRANAV K. K. AMET DHANAGAR		63
4	2109940005	MULANI HANISH JAYDEV		70
5	2109940006	BHOSALE SOMNATH SUYAMSUNELAR		61
6	2109940007	MOTI PRADIP RANDE		68
7	2109940011	NATHEZ NAGESH K. K. J.		65
8	2109940013	MASKE PVUSHI DHANANLAY		68
9	2109940014	TALANGE VIKAS L. ANAND		63
10	2109940019	NIKAM SHUBHAM RAJENDRA		63
11	2109940020	NIKAM OMAR SANJAY		63
12	2109940038	ATWALE PUJA DATTATRAY		60
13	2209940035	KORDEKAR TUSHAR SHARAD		63
14	2209940037	TAMBEKAR AJAY ANKITA		63
15	2209940038	MAHE AJNATH SURESH		63
16	2209940039	DENIMURKAR HEMESH SANPATI		68
17	2209940041	MITKAL SAURAV ANNASAJIB		60
18	2209940043	BAGAL MAYUR POPAT		60
19	2209940044	MAHE SHUBHAM SHEVAJ		63
20	2209940045	WAGHMODE SACHIN GAJANAN		63
21	2209940046	PAWAR PRADIP DHANAJ		60
22	2209940047	MAHE GAURAV SANTOSH		70
23	2209940048	PAWAR MANGESH KANHAJI		60
24	2209940049	PALAVE UDAYKUMAR DATTATRAY		63
25	2209940049	SATHE SANKU T. SATISH		70
26	2209940041	WAGHMODE PRASHANT ANKUSH		63
27	2209940043	CHANDKE JAGDESH DATTATRAY		61
28	2209940044	SHI NIVARJE SANDESH WAGHMODE		63
29	2209940045	SATHE SAGAR HANIRAM		60
30	2209940047	GURJADIPKUMAR APPOKAV		60
31	2209940048	JADHAV PRADIP DILIP		63
32	2209940050	SHIRKE AMAN RAJESH		70
33	2209940051	SALIMKAR VISHAL VIKAS		69
34	2209940052	KAMBERE NIKHIL ANAND		64
35	2209940053	WAGHMODE PATE MAYUR SHIRISH		60
36	2209940054	KASHIMIR OMAR AJNATH		70

Total Candidates Present:- 36
 Total Candidates Absent:- 00

Sign: 
 Name & Designation Internal Observer

Sign: 
 Name & Designation External Industry Expert

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MSBTE format of evaluation sheet for ESE of industrial Training

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

Institute Marks

5.00

2.2.5 F. Contribution to Community Related Projects/ Activities

- For contribution to Community activities like NSS
- Health Check up Camp
- Tree Plantation
- Road Safety Awareness Programme

**Blood Donation Camp**



NSS Camp 2025-2026



Tree Plantation

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.
- **Micro projects:** The students prepare report and presentation of micro project themselves by collecting the information form internet and other sources.
- **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 Model Answer: <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.
- Book Bank facility is provided to bright students as an initiative for self-learning
- In each semester students submit Micro projects.
- 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

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

Institute Marks

8.00

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

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

For developing professional and employability skills of students:

- Various workshops are organized for students to enhanced professional, soft and life skills, Entrepreneurship Development Programs (EDP) etc.
- Experts/ Guest Lecture are organized on career guidance, Entrepreneurship Development etc. to share their experiences among students.
- A course” Entrepreneurship development” Is introduced in the curriculum of ME6I

CAY 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

CAY 2023-24:

SR. NO.	Activity	Topic	Date	Duration	Recourse Person With Designation	Number of Students	Relevance to Pos & PSO

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
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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	Womens safety and Rights	09-03-2026	Adv.Ms. Sangita Deshmukh Yadav	120	PO1,PO7,PSO1
2	Expert Lecture	Guidance regarding Nirbhaya Pathak	10-03-2026	1.PSI Mrs. Wanave mam 2.ASI Mr. Deshmukh Sir	120	PO1,PO7,PSO1,PSO2
3	Expert Lecture	Health Awareness program	11-03-2026	Dr.Ekathpure Deepshree	120	PO1,PO7,PSO1

CAY 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

CAY 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 Participate ting Students	Organizing body & organizing Institute	Award (Winner /Participation)	Level(State/National etc.)	Relevance to Pos
1.	Cad race	30-09-2025	75	S.I.E.T, Paniv	Participant	State	PO1,PO2
2.	Bridge model making	30-09-2025	20	S.I.E.T, Paniv	Participant	State	PO1,PO3,PO4,PO5,PO6,PO7, PSO1, PSO2

CAY 2024-25:

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.	Cad race	30-09-2024	19	S.I.E.T, Paniv	Participant	State	PO1,PO3,PO7
2.	Quiz competition	30-09-2024	92	S.I.E.T, Paniv	Participant	State	PO1,PO2

CAY m1 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	Cad race	30-09-2023	62	S.I.E.T(Poly), Paniv	Participants	State	PO1,PO3,PO7
			03		Winner (First Price)	State	PO1,PO3,PO7

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

Cultural Events:-**CAY 2025-26:**

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Relevance To PO's
1	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	Black & white day/Rangoli competition	16-12-2025	35	S.I.E.T(Poly),Paniv	PO5,PO7
6	Bollywood day/Mehandi competition	17-12-2025	45	S.I.E.T(Poly), Paniv	PO5,PO7
7	Traditional day	18-12-2025	50	S.I.E.T(Poly), Paniv	PO5,PO7
8	Twins day/Pak kala competition	19-12-2025	28	S.I.E.T(Poly), Paniv	PO5,PO7
9	Red & Goggle Day	20-12-2025	39	S.I.E.T(Poly),Paniv	PO5,PO7
5	Sarthak 2025-2026	07-01-2026 To 08-01-2026	850	S.I.E.T(Poly), Paniv	PO5,PO7
6	Chh. Shivaji Maharaj Jayanti	19-02-2026	20	S.I.E.T(Poly), Paniv	PO5,PO7

7	Sant Gadge baba Birth Anniversary	23-02-2026	200	S.I.E.T(Poly), Paniv	PO5,PO7
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Cultural Events:-
CAY 2024-25:

SR. NO.	Types of Activity & Details	Date	No./Name Of Participating Students	Organizing body & organizing Institute	Relevance To PO's
1	Teacher's Day	05-09-2025	129	S.I.E.T(Poly),Paniv	PO5,PO7
2	Engineer's Day	15-09-2025	58	S.I.E.T(Poly), Paniv	PO5,PO7
3	Fresher's Party	15-09-2025	61	S.I.E.T(Poly), Paniv	PO5,PO7
4	Induction Program me	19-09-2024	320	S.I.E.T(Poly), Paniv	PO5,PO7
5	Sarthak 2025	09-01-2025 To 11-01-2025	07	S.I.E.T(Poly), Paniv	PO5,PO7
6	Chh. Shivaji Maharaj Jayanti	19-02-2025	08	S.I.E.T(Poly), Paniv	PO5,PO7
7	Sant Gadge baba Birth Anniversary	23-02-2025	06	S.I.E.T(Poly), Paniv	PO5,PO
SR. NO.	Types of Activity & Details	Date	No./Name Of Participate	Organizing body & organizing Institute	Relevance To PO's

CAY 2023-24:

			ting Students		
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	Wrestling	29-12- 2025	01	SMSMPITR, Akluj	Winner	Zonal	PO7
2	Kabaddi	30-12- 2025	05	SMSMPITR, Akluj	Participant	Zonal	PO7

3	Volleyball	31-12-2025	06	IEDSSA	Winner	Zonal	PO7
4	Kho-Kho	01-01-2026	02	IEDSSA	Runner up	Zonal	PO7

Sports Participants of Students:-

CAY 2024-25:-

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 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	Relevance to POs
1	Sports Activities (IEDSSA)	PO5 , PO7
3	NSS Activities -Tree Plantation -Blood Donation Camp -Womens Health Issues and Care -NSS Camp	PO5 , PO7
4	Azadika Amrit Mahotsav	PO5 , PO7
5	Cultural activities	PO5 , PO7
6	Independence day	PO5 , PO7
7	Republic Day	PO5 , PO7
8	Maharashtra Din	PO5 , PO7
9	School Connect Program	PO5 , PO7



श्री श्री कृष्ण मठ अ संशोधन मठ
DTE Code:- 6444
MSBTE Code:-0994

Shriram Shikshan Sanstha's
Shriram Institute of Engineering And Technology (Poly & degree), Paniv
Tal:- Malshiras Dist:- Solapur, - Pincode:- 413113.
Approved by A.I.C.T.E Delhi/Govt. of Maharashtra & Affiliated to MSBTE, Mumbai.

President
Hon. Prakash S. Patil

Secretary
Adv. Abhishek P. Patil

Joint Secretary
Hon. Karan P. Patil

Principal
Mr. Pramod P. Khandare

Ref. No.:SSS/SIET/75A/2023-24 Date:- 20-09-2023

To,
The Manager,
Shankarrao Mohite Patil Blood Bank,
Akuj, Tal- Malshiras; Dist- Solapur.

Sub: Invitation for Blood Donation Camp.

Respected Sir,

We are going to organize a blood donation camp on account of the birthday of Hon. Ma and Hon. Bapu on Tuesday, 26/09/2023 in our college. We would like to invite you to conduct a blood donation in our college. Please, accept the request and oblige.

Please, confirm your availability for the conduction of the camp on the above mentioned date

Thanking you.

With regards,

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

Received
26/09/2023
LICENCE NO. 489
Blood Centre Paniv

॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥

श्रीराम शिक्षण संस्था, पानीव.

ता.माळशिरस जि.सोलापूर-413113

मा.श्री.प्रकाश(बापू)शामराव पाटील
मा.सौ.श्रीलेखा प्रकाश पाटील
द्यौच्या वाढदिवसानिमित्त

भव्य रक्तदान शिबीर

दिनांक 26-09-2023 रोजी सकाळी 10:00 ते दुपारी 4:00 पर्यंत आयोजित केले आहे तरी इच्छुक रक्तदात्यांनी शिबिरात सहभागी होवून रक्तदान करावे.

5 मि.तुमचा वेळ + 350 मिली.रक्त = 1 जिवनदान

स्थळ: श्रीराम शिक्षण संस्था, पानीव
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आयोजक: श्रीराम परिवार पानीव
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रक्तदान-सर्वश्रेष्ठ दान





Blood Donation Camp



Technical Event Bridge Model Making



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



Women's Health Issues and Care





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





Mehendi And Competition Rangoli Competition



Traditional Day



Republic Day Celebration

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (100)**Total Marks 100.00****Define the Program specific outcomes**

PSO1	Planning, Drawing & Design:- Make plan, design &
PSO2	Surveying: - Conduct Survey for Civil Engineering F
PSO3	Construction Execution and Maintenance: - Execut

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	Summarize 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.
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Course Name :

C1 04

Course Year :

2022-23

Course Name	Statements
C1 04.1	Identify relevant construction materials.
C1 04.2	Identify relevant natural construction materials.
C1 04.3	Select relevant artificial construction materials.
C1 04.4	Select relevant special type of construction materials.
C1 04.5	Select relevant finishing materials for construction.
C1 04.6	Identify processed construction materials.

Course Name :

C2 01

Course Year :

2023-24

Course Name	Statements
C2 01.1	Prepare Plans Using Plane Table Surveys.
C2 01.2	Prepare Plans Using Theodolite Surveys
C2 01.3	Find Distances And Elevations Using Tacheometer
C2 01.4	Set Out Simple Circular Curves
C2 01.5	Prepare Plans Using Total Station Instrument
C2 01.6	Locate Coordinates Of Stations Using Gps.

Course Name :

C2 02

Course Year :

2023-24

Course Name	Statements
C2 02.1	ANALYZE STRESSES INDUCED IN VERTICAL MEMBER SUBJECTED TO DIRECT AND BENDING LOADS
C2 02.2	ANALYZE SLOPE AND DEFLECTION IN BEAMS UNDER DIFFERENT LOADING CONDITIONS
C2 02.3	ANALYZE END MOMENTS OF FIXED BEAMS.
C2 02.4	ANALYZE CONTINUOUS BEAM UNDER DIFFERENT LOADING CONDITIONS USING THE PRINCIPLES OF THREE M

C2 02.5	ANALYZE CONTINUOUS BEAM USING MOMENT DISTRIBUTION METHOD UNDER DIFFERENT LOADING CONDITIO
C2 02.6	EVALUATE AXIAL FORCES IN THE MEMBERS OF SIMPLE TRUSS.

Course Name :

C3 01

Course Year :

2024-25

Course Name	Statements
C3 01.1	Estimate Hydrological Parameters.
C3 01.2	Estimate Crop Water Requirements Of A Command Area And Capacity Of Canals.
C3 01.3	Maintain Irrigation Structures
C3 01.4	Execute The Minor And Micro Irrigation Schemes.
C3 01.5	Select The Relevant Diversion Head Works For The Specific Site Conditions.
C3 01.6	Design, Construct And Maintain Simple Canal Structures.

Course Name :

C3 05

Course Year :

2024-25

Course Name	Statements
C3 05.1	Identify The Different Sources Of Solid Wastes
C3 05.2	Execute The Relevant Method Of Collection And Transportation Of Solid Wastes.
C3 05.3	Execute An Action Plan For Disposal Of Solid Wastes.
C3 05.4	Implement The Relevant Method For Disposal Of Bio-Medical Wastes.
C3 05.5	Implement The Relevant Method For Disposal Of Industrial Wastes And E-Waste.
C3 05.6	Implement The Relevant Laws Related To Solid Waste Management.

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
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C101.1	3 ▾	1 ▾	- ▾	- ▾	- ▾	1 ▾	2 ▾
C101.2	3 ▾	2 ▾	- ▾	- ▾	1 ▾	2 ▾	2 ▾
C101.3	2 ▾	1 ▾	- ▾	- ▾	- ▾	1 ▾	2 ▾
C101.4	3 ▾	2 ▾	- ▾	- ▾	- ▾	2 ▾	3 ▾
C101.5	3 ▾	2 ▾	- ▾	- ▾	- ▾	2 ▾	3 ▾
Average	2.80	1.60	0.00	0.00	1.00	1.60	2.40

2 . course name : C204

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C104.1	3 ▾	1 ▾	1 ▾	2 ▾	- ▾	1 ▾	1 ▾
C104.2	3 ▾	- ▾	1 ▾	2 ▾	2 ▾	1 ▾	1 ▾
C104.3	3 ▾	2 ▾	2 ▾	3 ▾	1 ▾	1 ▾	2 ▾
C104.4	2 ▾	2 ▾	3 ▾	2 ▾	2 ▾	1 ▾	2 ▾
C104.5	2 ▾	- ▾	1 ▾	1 ▾	- ▾	2 ▾	1 ▾
C104.6	3 ▾	1 ▾	2 ▾	3 ▾	1 ▾	1 ▾	2 ▾
Average	2.67	1.50	1.67	2.17	1.50	1.17	1.50

3 . course name : C301

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C201.1	3 ▾	2 ▾	2 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C201.2	3 ▾	2 ▾	2 ▾	3 ▾	1 ▾	1 ▾	1 ▾
C201.3	3 ▾	3 ▾	2 ▾	3 ▾	1 ▾	1 ▾	1 ▾
C201.4	3 ▾	3 ▾	3 ▾	2 ▾	1 ▾	2 ▾	1 ▾
C201.5	3 ▾	2 ▾	2 ▾	3 ▾	2 ▾	2 ▾	2 ▾
C201.6	3 ▾	2 ▾	1 ▾	3 ▾	2 ▾	1 ▾	2 ▾
Average	3.00	2.33	2.00	2.67	1.33	1.33	1.33

4 . course name : C302

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C202.1	3 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾
C202.2	3 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾
C202.3	3 ▾	3 ▾	2 ▾	2 ▾	1 ▾	1 ▾	1 ▾
C202.4	3 ▾	3 ▾	3 ▾	1 ▾	1 ▾	1 ▾	1 ▾
C202.5	3 ▾	3 ▾	3 ▾	3 ▾	1 ▾	1 ▾	1 ▾
C202.6	3 ▾	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾
Average	3.00	3.00	2.33	1.50	1.00	1.00	1.00

5 . course name : C401

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C301.1	3 ▾	3 ▾	1 ▾	2 ▾	1 ▾	- ▾	1 ▾
C301.2	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	1 ▾	1 ▾
C301.3	2 ▾	2 ▾	1 ▾	1 ▾	2 ▾	2 ▾	1 ▾
C301.4	2 ▾	2 ▾	3 ▾	2 ▾	3 ▾	2 ▾	1 ▾
C301.5	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	1 ▾	1 ▾
C301.6	3 ▾	3 ▾	3 ▾	2 ▾	2 ▾	2 ▾	1 ▾
Average	2.70	2.70	2.30	1.80	2.00	1.60	1.00

6 . course name : C405

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C305.1	3 ▾	2 ▾	- ▾	- ▾	2 ▾	2 ▾	- ▾
C305.2	2 ▾	3 ▾	2 ▾	1 ▾	2 ▾	- ▾	1 ▾
C305.3	2 ▾	2 ▾	3 ▾	2 ▾	3 ▾	- ▾	- ▾
C305.4	2 ▾	2 ▾	2 ▾	- ▾	3 ▾	2 ▾	- ▾
C305.5	2 ▾	2 ▾	- ▾	- ▾	3 ▾	3 ▾	- ▾
C305.6	- ▾	- ▾	1 ▾	- ▾	2 ▾	2 ▾	3 ▾
Average	2.20	2.20	2.00	1.50	2.50	2.25	2.00

1 . Course Name : C201

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

2 . Course Name : C204

Course	PSO1	PSO2	PSO3
C104.1	3 ▾	1 ▾	2 ▾
C104.2	2 ▾	1 ▾	3 ▾
C104.3	3 ▾	1 ▾	3 ▾
C104.4	3 ▾	1 ▾	2 ▾
C104.5	2 ▾	1 ▾	3 ▾
C104.6	2 ▾	1 ▾	2 ▾
Average	2.50	1.00	2.50

3 . Course Name : C301

Course	PSO1	PSO2	PSO3
C201.1	2 ▾	3 ▾	1 ▾
C201.2	2 ▾	3 ▾	1 ▾
C201.3	1 ▾	3 ▾	2 ▾
C201.4	2 ▾	3 ▾	3 ▾
C201.5	3 ▾	3 ▾	2 ▾
C201.6	1 ▾	3 ▾	1 ▾
Average	1.83	3.00	1.67

4 . Course Name : C302

Course	PSO1	PSO2	PSO3
C202.1	3 ▾	1 ▾	1 ▾
C202.2	3 ▾	1 ▾	1 ▾
C202.3	3 ▾	1 ▾	1 ▾
C202.4	3 ▾	1 ▾	1 ▾
C202.5	3 ▾	1 ▾	1 ▾
C202.6	3 ▾	1 ▾	1 ▾
Average	3.00	1.00	1.00

5 . Course Name : C401

Course	PSO1	PSO2	PSO3
C301.1	1 ▾	2 ▾	- ▾
C301.2	2 ▾	1 ▾	2 ▾
C301.3	1 ▾	- ▾	3 ▾
C301.4	2 ▾	1 ▾	3 ▾
C301.5	2 ▾	2 ▾	2 ▾
C301.6	3 ▾	1 ▾	3 ▾
Average	1.80	1.20	2.60

6 . Course Name : C405

Course	PSO1	PSO2	PSO3
C305.1	3 ▾	2 ▾	2 ▾
C305.2	2 ▾	3 ▾	2 ▾
C305.3	2 ▾	3 ▾	2 ▾
C305.4	2 ▾	2 ▾	3 ▾
C305.5	2 ▾	2 ▾	3 ▾
C305.6	- ▾	2 ▾	2 ▾

Average	2.20	2.33	2.33
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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
C2101	2.80	1.60	0.00	0.00	1.00	1.60	2.40
C2102	2.67	2.17	1.67	1.33	1.50	1.67	1.00
C2103	3.00	2.80	2.00	1.20	0.00	1.00	1.00
C2001	2.20	0.60	1.20	0.60	3.00	1.80	0.80
C2002	2.80	1.60	2.00	1.40	1.20	0.60	1.40
C2004	2.80	1.80	1.00	2.60	1.20	1.00	1.20
C2201	3.00	2.80	2.20	1.60	1.00	0.00	2.00
C2202	2.50	2.17	2.20	1.50	2.50	1.67	3.00
C2203	3.00	2.67	2.33	2.17	1.50	1.00	1.83
C2204	2.67	2.17	1.67	1.00	1.83	1.33	1.17
C2205	2.83	1.83	0.67	2.20	0.33	0.00	0.00
C2208	2.00	1.80	2.00	2.25	2.25	1.80	2.33
C2009	1.00	1.00	0.00	1.00	0.00	2.00	1.00
C2301	3.00	2.33	2.00	2.67	1.33	1.33	1.33
C2302	2.50	2.17	1.67	1.60	1.83	1.50	1.00
C2303	2.83	3.00	2.17	2.50	1.17	1.00	1.00
C2304	2.80	1.80	1.80	0.40	0.00	0.00	0.00
C2305	1.67	3.00	2.33	1.67	2.33	1.33	1.33
C2022	2.25	2.25	2.25	1.00	1.33	0.00	0.00
C2401	3.00	2.67	2.25	2.00	1.20	1.00	1.00
C2402	3.00	1.83	1.33	2.17	1.50	1.33	1.33

C2403	3.00	1.80	1.20	2.00	1.40	1.40	1.40
C2404	3.00	2.80	2.60	2.40	1.60	1.00	1.00
C2405	2.80	2.60	2.40	1.50	1.33	0.00	0.00
C2447	2.00	1.40	1.00	0.60	1.40	2.80	3.00
C2501	2.70	2.70	2.30	1.80	2.00	1.30	1.00
C2501	2.70	2.70	2.30	1.80	2.00	1.30	1.00
C2502	3.00	2.00	2.50	1.50	1.83	1.50	2.67
C2503	2.80	2.60	1.80	1.82	0.60	1.80	0.60
C2504	2.40	2.40	2.67	2.00	2.00	0.00	2.50
C2057	1.67	1.67	1.67	1.50	1.83	2.17	1.67
C2058	1.83	1.83	1.50	1.00	1.67	2.00	1.50
C2507	2.50	2.80	2.60	2.50	2.40	2.00	2.40
C2509	2.00	2.25	2.00	0.00	0.00	2.60	2.00
C2601	2.67	2.17	1.50	1.33	1.83	2.83	1.17
C2602	2.50	2.33	2.00	2.25	2.17	3.00	0.00
C2603	2.80	2.60	2.40	1.50	1.33	0.00	0.00
C2605	2.20	2.30	2.20	1.00	2.80	1.80	1.20
C2060	2.00	2.50	2.60	2.00	1.80	2.00	2.50
C2061	2.00	2.33	1.67	1.67	2.00	2.67	1.67
C2032	1.40	2.00	1.40	1.80	1.80	1.40	1.80

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

Course	PSO1	PSO2	PSO3
C2101	0	0	0
C2102	2.33	1.67	1.67
C2103	2.80	2.40	2.40

C2001	1.6	1.6	2
C2002	2.40	0.60	1.20
C2004	2.60	1.60	2.40
C2201	0	0	0
C2202	2.75	2.75	0
C2203	2.33	1.17	1.67
C2204	2.67	2.33	1.83
C2205	1.50	3	1.50
C2008	1.60	2.00	1.25
C2009	0	0	0
C2301	1.83	3.00	1.67
C2302	1.83	1.33	2
C2303	2.83	1	2.67
C2304	2.80	1.20	0.40
C2305	1.50	1.00	2.17
C2022	2.50	2	1
C2401	2.83	2.67	3
C2402	1	1	1
C2403	1	1	1
C2404	2.60	1	2
C2405	2.60	2	1.33
C2447	1.6	1.4	2
C2501	1.8	1.2	2.2
C2502	1.5	2.17	1.5
C2503	2.4	0.6	2.2
C2504	2.25	2.6	2
C2057	1.83	1.50	1.50

C2058	1.83	1.83	2.50
C2507	2.25	2.67	2.33
C2509	1	0	2
C2601	1.83	0.17	2.50
C2602	2.17	0	3
C2603	2.60	2	1.33
C2605	1	0	2.3
C2060	1.80	2	2.11
C2061	2	1	2.67
C2032	1.4	1.8	1.2

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

3.2.1.1 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

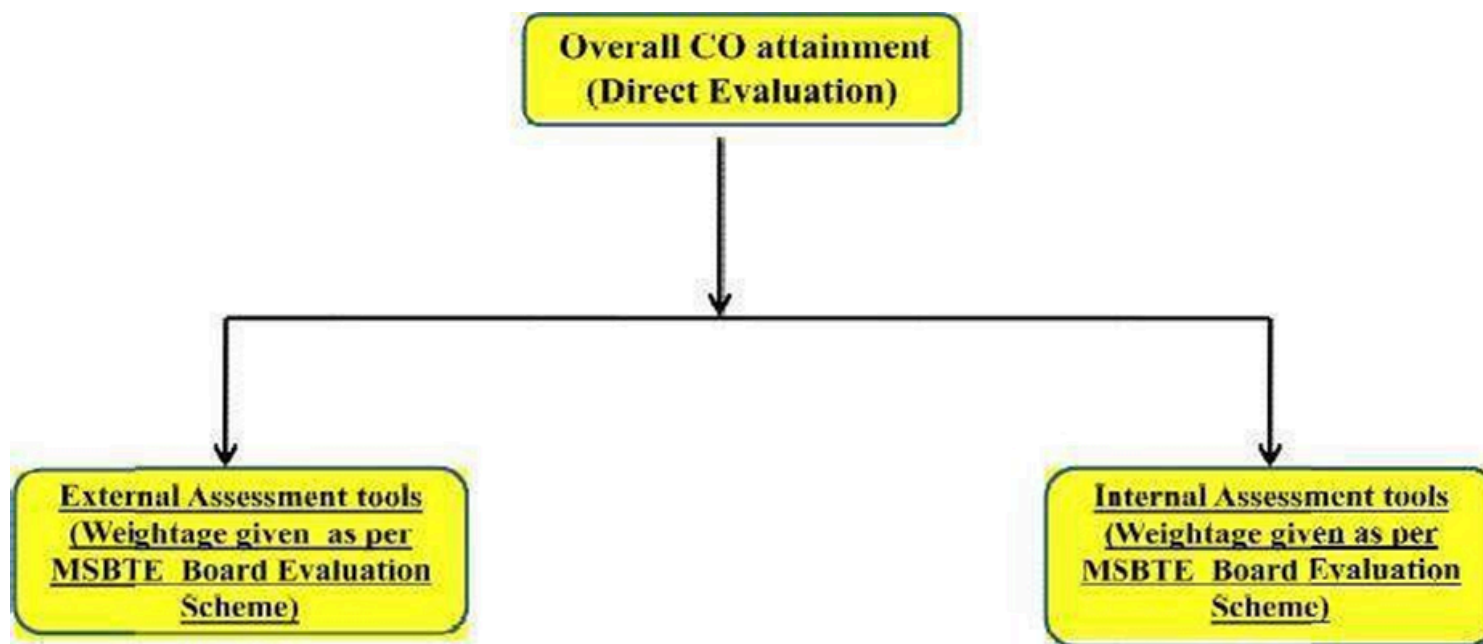


Figure No. 3.2.1.1 Assessment Rubric used for Evaluation of Overall CO attainment

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**.

3.2.1.1 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. 3.2.1.2.1 - List of assessment tools through Direct Evaluation mode

Mode /Type of Assessment	Assessment Tool	Description	Evaluation of Course Outcomes	Related POs/PSOs	Frequency Of assessment
		Two written Class tests are conducted and its average	Assessment Head- TH- PA_ I Scheme		

Direct/Internal	Theory Class Test I & II	marks are considered in final Evaluation.	The question papers are framed as per Board's pattern and tagged against each CO of respective courses from which CO attainment is calculated.	PO1to PO7, PSO1 to PSO3	Twice per Semester
Direct/Internal	Micro Project (if any, applicable in the new revised I Scheme of curriculum)	Certain small group of students is assigned with micro project of each course and evaluated by using suitable rubrics and associated guidelines given in the "I" Scheme curriculum/manual by board.	Online Unit tests are conducted by Board (MSBTE) for some courses 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.	PO1to 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 courses as per the schedule Prescribed by Board.	Assessment Head- PR-ESE_I Scheme		

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.	PO1to PO7, PSO1 to PSO3	Once per Semester
Direct/Internal	Progressive assessment of Practical lab work/ Assignment/ Tutorials /Capstone Project	Continuous assessment of lab manual/lab. work/assignment/Tutorial are carried out as per suitable rubrics and associated guidelines given in the curriculum/manual by board	Assessment Head- PR- PA_I Scheme CO attainment for Practical's Progressive assessment is calculated from total marks obtained against head PR-PA/TW, which is considered same for each CO of the respective course.	PO1to PO7, PSO1 to PSO3	Continuous

Direct/External	Term End Theory Semester Examination	Theory End Semester Examination is carried out for most of the courses as per the schedule prescribed by Board adhering to the academic calendar whose assessment is carried out externally by Board through Regional Assessment Centre(RAC)	Assessment Head- TH_I 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.	PO1to PO7, PSO1 to PSO3	Once per Semester
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3.2.1.2 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 (Class Test I & ClassTest 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.20 marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. Question papers are

designed as per sample papers provided by Board tagged against each CO of the respective courses to develop student's competency mainly at the prescribed taxonomy levels of Bloom's revised taxonomy of cognitive domain.

b) Micro Projects: This assessment Tool is newly introduced as per the new Revision of syllabus i.e., I-Scheme (Outcome based approach) to develop Collaborative style of learning with the students. Individual weightage for this head is assigned as per the Maximum Marks prescribed by the Board in the teaching/Examination Scheme mentioned in Board's curriculum. But For Practical/Lab courses, It is under Practical 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 Applied Mechanics Course (CE2I Class, Syllabus- I- Scheme, A. Y. 2022-23)

CO ASSESSMENT TOOL FOR DIRECT EVALUATION	TH-PA			PR-PA	PR-ESE	TH-ESE	TOTAL
	Class Test I	Class Test II	Micro Project	PA_Term Work	Practical Exam	E.S.E Board	
Maximum Marks As Per Teaching Scheme /Course Evaluation Plan	20		10	25	25	70	150
Individual Weightage (%)	13.33		6.67	16.67	16.67	46.67	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.-3.2.2.1 Set Attainment levels against set targets for Various Assessment tools

Assessment Tools	Attainment Levels against set target* (Note1)	
*Unit Test I & II (TH- PA)	Level 1	For 40% of students scoring more than 40% of maximum marks
	Level 2	For 50% of students scoring more than 40% of maximum marks
	Level 3	For 60% of students scoring more than 40% of maximum marks
*MSBTE ESE Examination (TH- ESE)	Level 1	For 40% of students scoring more than TSI marks i.e. Board's average marks for given course

	Level 2	For 50% of students scoring more than TSI marks i.e. Board's average marks for given course
	Level 3	For 60% of students scoring more than TSI marks i.e. Board's average marks for given course
*Micro Projects	Level 1	For 40% of students scoring more than 60% of maximum marks
	Level 2	For 50% of students scoring more than 60% of maximum marks

	Level 3	For 60% of students scoring more than 60% of maximum marks
Progressive assessments of Practical/ Term work/ capstone Project(TW/ PR-PA)	Level 1	For 40% of students scoring more than 60% of maximum marks
	Level 2	For 50% of students scoring more than 60% of maximum marks

	Level 3	For -60% of students scoring more than 60% of maximum marks
	Level 1	For 40% of students scoring more than 60% of maximum marks
*Practical Exam (OR/PR/ PR-ESE)	Level 2	For 50% of students scoring more than 60% of maximum marks
	Level 3	For 60% of students scoring more than 60% of maximum marks

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

Ex: Figure No. 3.2.2.1 depicts the sample example of Overall CO attainment of
Applied Mechanics–C22203 (AME-22203)

OVERALL CO ATTAINMENT FOR C22203- APPLIED MECHANICS COURSE (AME-22203)							
COURSE ASSESSMENT PLAN FOR C305	TH-PA			PR-PA	PR-ESE	TH-ESE	TOTAL
	U.Test I	U. Test II	Micro Project	PA Term Work	Practical Exam	E.S.E Board	

Maximum Marks As Per Teaching Scheme / Course Evaluation Plan	20	10	25	25	70	150
Individual Weightage (W %)	13.33	6.67	16.67	16.67	46.67	100
Overall CO attainment for Course C22203- APPLIED MECHANICS COURSE (AME-22203)						
CO	Internal				External	
	Unit Tests	PA Term Work	Micro-Project	PR-ESE	E.S.E Board	
CO1	0	3	3	3	2	
CO2	0	3	3	3	2	
CO3	0	3	3	3	2	
CO4	1	3	3	3	2	
CO5	0	3	3	3	2	
CO6	1	3	3	3	2	
Average Attainment	(0+0+0+1+0+1) / 6 = 0.33	(3+3+3+3+3+3) / 6 = 3	(3+3+3+3+3+3) / 6 = 3	(3+3+3+3+3+3) / 6 = 3	(2+2+2+2+2+2) / 6 = 2	
Individual Weightage – (W %)	13.33	16.67	6.67	16.67	46.67	

Direct Total Attainment	$(0.33 \times 13.33\%) = 0.04$	$(3 \times 16.67\%) = 0.50$	$(3 \times 6.67\%) = 0.20$	$(3 \times 16.67\%) = 0.50$	$(2 \times 46.67\%) = 0.93$
Overall CO attainment by weighted average method $(0.04+0.50+0.20+0.50+0.93)=$ =====>A					2.18

Figure No. 3.2.2.1 Weighted Average Overall CO attainment for Course C22203-

APPLIED MECHANICS COURSE (AME-22203)

Likewise Overall CO attainments are computed by using MS Excel formulated worksheets with detail procedure as shown below in figure 3.2.2.2 which is used for all courses.



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Class Test I & II - CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

Sr. No.	Enrollment No	Name of Student	CO 1 Max Marks	CO 2 Max Marks	CO 3 Max Marks	CO 4 Max Marks	CO 5 Max Marks	CO 6 Max Marks	Class Test - I	Class Test - 2
			14	12	8	14	12	8	20 M	20 M
1	2209940001	BORADE CHAITNYA GANGADHAR	Absent			2	4	2	Absent	8
2	2209940002	DADAS SURAJ DNYANDEV	1	2	0	10	4	2	3	16
3	2209940003	GAIKAWAD ROHIT KAILAS	3	3	3	6	6	4	9	16
4	2209940004	GAIKWAD SIDDHIRAJ ANAND	2	1	2	10	6	2	5	18
5	2209940005	GANDHI AMITESH MAHAVIR	8	6	1	8	2	8	15	18
6	2209940006	GORAD KARAN SUBHASH	7	2	5	8	2	4	14	16
7	2209940007	JADHAV SHREYA JAYSING	6	3	2	8	2	3	11	13
8	2209940008	JORWAR SANKET LAXMAN	8	4	5	8	8	4	17	20
9	2209940009	KADAM ASMIT ANNASO	Absent			2	4	2	Absent	8
10	2209940010	KAMBLE SAMYAK TUKARAM	0	1	2	2	4	2	3	8
11	2209940012	KENGAR CHAITANYA BAPU	Absent			0	4	4	Absent	8
12	2209940015	KHUDE SAKSHI BAPU	4	4	4	10	4	4	16	18
13	2209940014	KHENDKAR AVIRAJ SAMADHAN	Absent			2	2	4	Absent	8
14	2209940017	MANE AJIT VIJAY	1	2	1	4	4	2	4	10
15	2209940018	MANE TEJAS TULSHIRAM	Absent			2	4	2	Absent	8
16	2209940021	NARALE KISHORI KASHINATH	10	6	4	8	10	2	20	20

17	2209940022	NAVALE PRATHAMESH SANTOSH	Absent			0	6	6	Absent	12
18	2209940023	NISCHAY SUDAM PISE	Absent			4	0	4	Absent	8
19	2209940024	PANDHARE PRAKASH BAPURAO	3	3	6	2	1	5	12	8
	2209940026	PAWAR MAYUR SHARAD	2	1	2	2	2	2	5	6
21	2209940027	PAWAR TANUSHKA SANTOSH	Absent			5	2	7	Absent	14
22	2209940028	PAWAR VIRAJ VIJAY	2	4	2	10	5	2	8	17
23	2209940029	PHULE HEMANT GOVIND	Absent			10	8	2	Absent	20
24	2209940030	PHULE ONKAR RAJENDRA	3	2	4	8	6	4	9	18
25	2209940031	PUKALE TEJAS APPA	6	2	8	8	10	2	16	20
26	2209940032	SID YASHSHRI SURESH	10	8	2	8	6	6	20	20
27	2209940033	TEKALE PRAGATI GAJENDRA	Absent			2	4	2	Absent	8
28	2209940034	THAWARE AKSHAY RAVSAHEB	Absent			4	2	2	Absent	8
29	2209940038	THORAT SAGAR VILAS	Absent			2	2	4	Absent	8
30	2209940040	VAJALE SANDIP BABAN	Absent			4	2	2	Absent	8
31	2209940041	VOTKAR ADARSH JOTIRAM	10	2	8	6	6	8	20	20
32	2209940043	WAGHMODE PRANAV APPA	8	1	0	6	2	0	9	8

33	2209940044	WAGHMODE SANKET MAHADEV	Absent			2	2	2	Absent	6
34	2209940045	ZANJE YUVRAJ BHARAT	Absent			2	2	2	Absent	6
35	2209940046	ZINJE RAJVARDHAN GANESH	12	4	0	2	2	4	16	8
Set Competency target as % Marks of Max. Marks for each CO--40%			5.6	4.8	3.2	5.6	4.8	3.2		
No. of Students above set target			10	3	8	17	11	16		

Benchmark of Attainment Level Against Target/ Competency			No of Students	Level	
Level	% of Students more than set target	40	35	14	1
	% of Students more than set target	50		18	2
	% of Students more than set target	60		21	3

Co wise Attainment for Class Test	CO1	CO 2	CO 3	CO 4	CO 5	CO 6
Attainment Level	0	0	0	1	0	1

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Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
TH-ESE - CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

Sr. No.	Enrollment No	Name of Student	End Sem Board Exam Max.marks 70
1	2209940001	BORADE CHAITNYA GANGADHAR	18
2	2209940002	DADAS SURAJ DNYANDEV	28
3	2209940003	GAIKAWAD ROHIT KAILAS	31
4	2209940004	GAIKWAD SIDDHRAJ ANAND	30
5	2209940005	GANDHI AMITESH MAHAVIR	38
6	2209940006	GORAD KARAN SUBHASH	39
7	2209940007	JADHAV SHREYA JAYSING	28
8	2209940008	JORWAR SANKET LAXMAN	34
9	2209940009	KADAM ASMIT ANNASO	22
10	2209940010	KAMBLE SAMYAK TUKARAM	18
11	2209940012	KENGAR CHAITANYA BAPU	AB
12	2209940015	KHUDE SAKSHI BAPU	23
13	2209940014	KHENDKAR AVIRAJ SAMADHAN	34
14	2209940017	MANE AJIT VIJAY	29

15	2209940018	MANE TEJAS TULSHIRAM	AB
16	2209940021	NARALE KISHORI KASHINATH	55
17	2209940022	NAVALE PRATHAMESH SANTOSH	18
18	2209940023	NISCHAY SUDAM PISE	18
19	2209940024	PANDHARE PRAKASH BAPURAO	25
20	2209940026	PAWAR MAYUR SHARAD	20
21	2209940027	PAWAR TANUSHKA SANTOSH	28
22	2209940028	PAWAR VIRAJ VIJAY	29
23	2209940029	PHULE HEMANT GOVIND	28
24	2209940030	PHULE ONKAR RAJENDRA	17
25	2209940031	PUKALE TEJAS APPA	30
26	2209940032	SID YASHSHRI SURESH	40
27	2209940033	TEKALE PRAGATI GAJENDRA	44

28	2209940034	THAWARE AKSHAY RAVSAHEB	17
29	2209940038	THORAT SAGAR VILAS	13
30	2209940040	VAJALE SANDIP BABAN	14
31	2209940041	VOTKAR ADARSH JOTIRAM	39
32	2209940043	WAGHMODE PRANAV APPA	25
33	2209940044	WAGHMODE SANKET MAHADEV	25
34	2209940045	ZANJE YUVRAJ BHARAT	28
35	2209940046	ZINJE RAJWARDHAN GANESH	28
Set Competency Target as boards 40%			28
No of Students above set Target			19

Benchmark of Attainment Level Against Target/ Competency			No of Students		Level
Level	% of Students more than set target	40	35	14	1
	% of Students more than set target	50		18	2
	% of Students more than set target	60		21	3

Co wise Attainment for End Sem Exam	CO1	CO 2	CO 3	CO 4	CO 5	CO 6
Attainment Level	2	2	2	2	2	2

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Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Microproject, PR-PA & PR-ESE - CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

Sr. No.	Enrollment No	Name of Student	Microproject evaluation Max.marks	Progressiv Assesement (PR-PA) Max.marks	Practical End Sem Exam (PR-ESE) Max.marks
			10	25	25
1	2209940001	BORADE CHAITNYA GANGADHAR	8	18	18
2	2209940002	DADAS SURAJ DNYANDEV	7	19	19
3	2209940003	GAIKAWAD ROHIT KAILAS	7	21	21
4	2209940004	GAIKWAD SIDDHIRAJ ANAND	10	21	21
5	2209940005	GANDHI AMITESH MAHAVIR	8	23	23
6	2209940006	GORAD KARAN SUBHASH	7	21	21
7	2209940007	JADHAV SHREYA JAYSING	7	19	19
8	2209940008	JORWAR SANKET LAXMAN	7	23	23
9	2209940009	KADAM ASMIT ANNASO	7	16	16
10	2209940010	KAMBLE SAMYAK TUKARAM	6	16	16
		KAMBLE CHAITANYA RAJU	7	17	17

11	2209940012	KENGAR CHAITANIS P...	7	22	22
12	2209940015	KHUDE SAKSHI BAPU	7	15	15
13	2209940014	KHENDKAR AVIRAJ SAMADHAN	5	16	16
14	2209940017	MANE AJIT VIJAY	8	16	16
15	2209940018	MANE TEJAS TULSHIRAM	7	23	23
16	2209940021	NARALE KISHORI KASHINATH	6	16	16
17	2209940022	NAVALE PRATHAMESH SANTOSH	8	15	15
18	2209940023	NISCHAY SUDAM PISE	8	19	19
19	2209940024	PANDHARE PRAKASH BAPURAO	7	16	16
20	2209940026	PAWAR MAYUR SHARAD	6	17	17
21	2209940027	PAWAR TANUSHKA SANTOSH	7	21	21
22	2209940028	PAWAR VIRAJ VIJAY	6	20	20
23	2209940029	PHULE HEMANT GOVIND			



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Microproject, PR-PA & PR-ESE - CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

Sr. No.	Enrollment No	Name of Student	Microproject evaluation Max.marks	Progressiv Assesement (PR-PA) Max.marks	Practical End Sem Exam (PR-ESE) Max.marks
			10	25	25
24	2209940030	PHULE ONKAR RAJENDRA	8	23	23
25	2209940031	PUKALE TEJAS APPA	8	23	23
26	2209940032	SID YASHSHRI SURESH	7	23	23
27	2209940033	TEKALE PRAGATI GAJENDRA	8	18	18
28	2209940034	THAWARE AKSHAY RAVSAHEB	8	16	16
29	2209940038	THORAT SAGAR VILAS	8	16	16
30	2209940040	VAJALE SANDIP BABAN	8	17	17
31	2209940041	VOTKAR ADARSH JOTIRAM	7	23	23
32	2209940043	WAGHMODE PRANAV APPA	8	18	18
33	2209940044	WAGHMODE SANKET MAHADEV	8	16	16
34	2209940045	ZANJE YUVRAJ BIHARAT	9	21	21
35	2209940046	ZINJE RAJWARDHAN GANESH	8	19	19

Set Competency Target as % marks for each criteria 60%	6	15	15
No. of Students above set target	34	35	35

Benchmark of Attainment Level Against Target/ Competency			No of Students		Level
Level	% of Students more than set target	60	35	21	1
	% of Students more than set target	70		25	2
	% of Students more than set target	80		28	3

Co wise Attainment level	CO1	CO 2	CO 3	CO 4	CO 5	CO 6
Micro project	3	3	3	3	3	3
PR-PA	3	3	3	3	3	3
PR-ESE	3	3	3	3	3	3



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Over All CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

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

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Tests	PA Term work	Micro-project	PR-ESE	E.S.E Board
CO1	0	3	3	3	2
CO2	0	3	3	3	2
CO3	0	3	3	3	2
CO4	1	3	3	3	2
CO5	0	3	3	3	2
CO6	1	3	3	3	2
Average Attainment	0.33	3	3	3	2

Individual Weightage (W%)	10	25	5	25	35
Direct Total Attainment = (Average Attainment x Individual Weightage)	0.03	0.75	0.15	0.75	0.70
Total Direct Course Attainment					2.38
Overall Weightage					100%
Final Direct Course Attainment					2.38
Overall Course CO Attainment (B)					2.38

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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 BATCH 2022-25 (I -SCHEME)

OVERALL CO ATTAINMENT FOR ALL COURSES OF BATCH 2022-25 (I SCHEME)			
SR. No.	SEMESTER	COURSE NAME & NBA COURSE CODE	Overall CO attainment
1		C22101- English	1.80

2	FIRST SEMESTER A Y 2022-23	C22102- Basic Science	2.82
3		C22103- Basic Mathematics	1.10
4		C22001- Fundamentals of ICT	1.80
5		C22002- Engineering Graphics	2.20
6		C22004 -Workshop Practice	2.50
7	SECOND SEMESTER A Y 2022-23	C22201-Applied Mathematics	1.18
8		C22202-Applied Science	1.85
		C22203-Applied Mechanics	2.18
9			
10		C22204-Construction Material	2.82
11		C22205-Basic Surveying	2.70
12		C22008-Civil Engineering Workshop Practice	3.00

		C22009- Business communication using computer	2.64
13			
14	THIRD SEMESTER AY 2023-24	C22301-Advanced Surveying	2.07
15		C22302-Highway Engineering	1.24
16		C22303-Mechanics of Structure	1.53
17		C22304-Building Construction	1.22
18		C22305-Concrete Technology	0.77
19		C22022-Computer Aided Drawing	3.00

20	FOURTH SEMESTER A Y	C22401-Hydraulics	2.60
21			0.40
		C22402-Theory of Structure	
22		C22403-Railway and Bridge Engineering	0.38

	2023-24	C22404-Geo-Technical Engineering	0.78
23			
		C22405-Building Planning and drawing	1.27
24			
		C22447-Environmental Studies	0.15
25			
26	FIFTH SEMESTER A Y 2024-25	C22501-Water Resource Engineering	2.64
27		C22502-Design of Steel and R.C.C Structure	2.58
28		C22503-Estimating and Costing	2.25
29		C22504-Public Health Engineering	2.50
30		C22507-Traffic Engineering	2.82
31		C22057-Industrial Training	3.00
32		C22058-Capstone Project Planning	1.50
33		C22509-Management	3.00
34		C22601-Contract and Accounts	2.98
	SIXTH		

35	SEMESTER A Y 2024-25	C22602-Maintenance and repair of structure	2.48
36		C22603-Emerging Trends in civil engineering	2.47
37		C22605-Solid Waste Management	1.20
38		C22060-Capstone Project Execution & report writing	3.00
39		C22061-Construction Management	1.50
40		C22032-Entrepreneurship Development	2.50

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

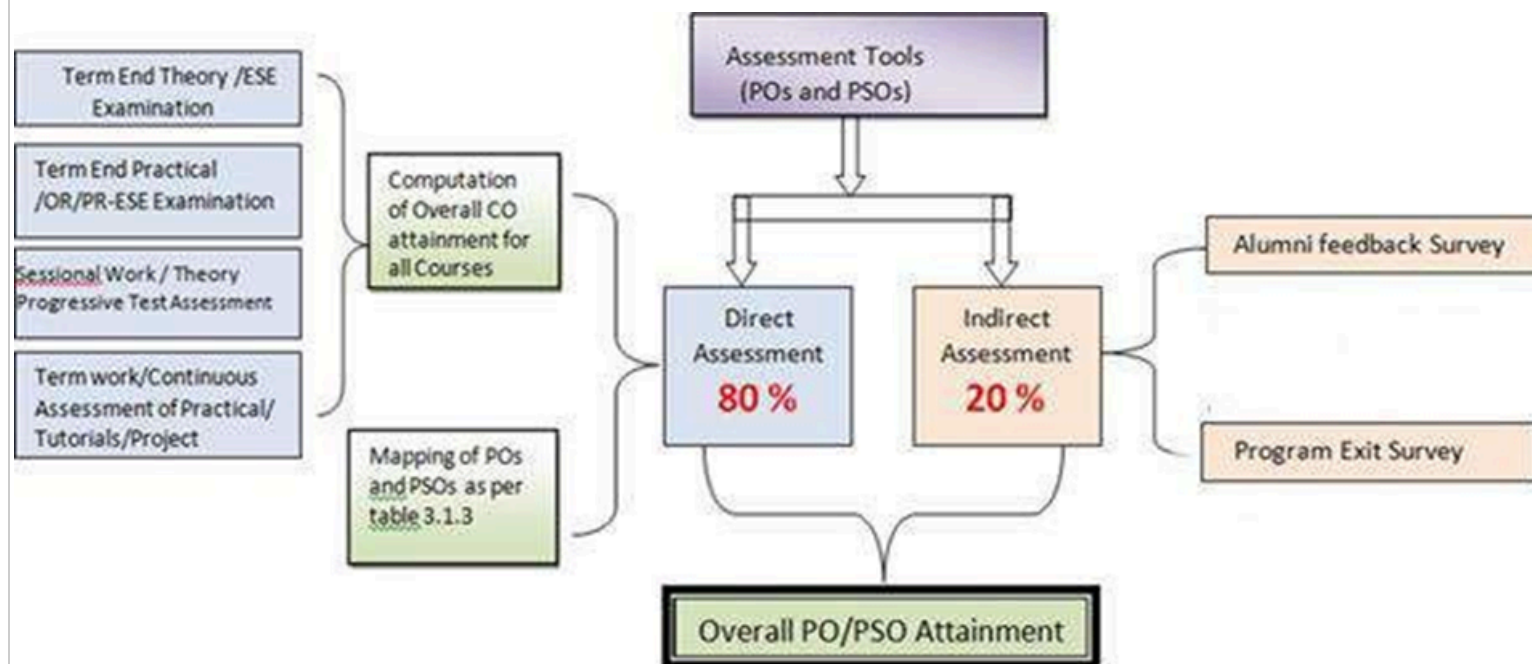


Figure No.3.3.1.1: Assessment Tools and Process used for Assessing the Attainment of each POs and PSOs

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

C22203 APPLIED MECHANICS COURSE (AME-22203) as a sample given

below:

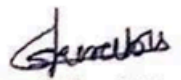


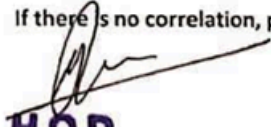
Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Course Wise CO-PO Matrices
Academic Year :- 2022-23 (I- Scheme)
Course :- Applied Mechanics (22203)
Semester :- II nd

		Basic & Discipline Knowledge	Problem Analysis	Design/ Development of solution	Engineering Tool	Engg. Practices for Society, Env.	Project Management	Life long Learning	Plannin ,Drawing & Design	Surveying	Construction Execution & Maintenance
Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	22203.1	3	3	2	2	1	1	2	2	1	1
2	22203.2	3	2	3	2	2	1	1	2	1	2
3	22203.3	3	3	2	3	1	1	2	2	2	1
4	22203.4	3	3	2	2	2	1	2	3	1	2
5	22203.5	3	3	2	2	2	1	2	2	1	2
6	22203.6	3	2	3	2	1	1	2	3	1	2
Average Target Level (A)		3	2.67	2.33	2.17	1.50	1.00	1.83	2.33	1.17	1.67

correlation levels: 1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

If there is no correlation, put "-"


 Name & Sign. Of Faculty
 Ms. korabue S. Z


H.O.D.
 Name & Sign. Of HOD
 Dept. of Civil Engg.
 SIET. Paniv



Maharashtra State Board Of Technical Education, Mumbai
Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Poly.), Paniv (0994)
Civil Engineering Department
Over All CO Attainment
Academic Year :- 2022-23
Course :- Applied Mechanics (22203)
Semester :- II nd

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

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Tests	PA Term work	Micro-project	PR-ESE	E.S.E Board
CO1	0	3	3	3	2
CO2	0	3	3	3	2
CO3	0	3	3	3	2
CO4	1	3	3	3	2
CO5	0	3	3	3	2
CO6	1	3	3	3	2

Average Attainment	0.33	3	3	3	2
Individual Weightage (W%)	10	25	5	25	35
Direct Total Attainment = (Average Attainment x Individual Weightage)	0.03	0.75	0.15	0.75	0.70
Total Direct Course Attainment					2.38
Overall Weightage					100%
Final Direct Course Attainment					2.38
Overall Course CO Attainment (B)					2.38

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H.O.D.
Dept. of Civil Engg.
GIET. Paniv

Overall Course CO Attainment					
Final Direct Course Attainment Calculation					
COs	Internal				External
	Class Tests	PA Term work	Micro-project	PR-ESE	E.S.E Board
CO1	0	3	3	3	2
CO2	0	3	3	3	2
CO3	0	3	3	3	2
CO4	1	3	3	3	2
CO5	0	3	3	3	2
CO6	1	3	3	3	2
Average Attainment	0.33	3	3	3	2
Individual Weightage (W%)	13.33	16.67	6.67	16.67	46.67
Direct Total Attainment = (Average Attainment x Individual Weightage)	0.04	0.50	0.20	0.50	0.93
Total Direct Course Attainment					2.18
Overall Weightage					100%
Final Direct Course Attainment					2.18
Overall Course CO Attainment (B)					2.18

Direct COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
------------	-----	-----	-----	-----	-----	-----	-----	------	------	------

Direct CO- PO/PSO Actual Attainment Level = (A*B)/3	2.18	1.93	1.76	1.57	1.09	0.72	1.32	1.69	0.85	1.21
--	------	------	------	------	------	------	------	------	------	------



Figure No 3.3.1.1.1-Direct assessment of POs/PSOs of C22203 – COURSE (AME-22203)

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:

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

TableNo.-3.3.1.2.1 Indirect PO & PSO attainment

Sr. No.	Feedback Analysis for Indirect Evaluation	Average										
		PO 01	PO 02	PO 03	PO 04	PO 05	PO 06	PO 07	PSO1	PSO2	PSO3	
1	Program exit Survey	2.05	2.85	2.28	2.28	2.56	2.41	2.18	2.59	2.38	2.64	
2	Alumni Feedback Survey	1.96	2.16	1.68	1.92	2.00	2.32	2.32	2.16	1.84	2.00	
Average Attainment of POs & PSOs by Indirect Assessments		2.01	2.50	1.98	2.10	2.28	2.37	2.25	2.37	2.11	2.32	

3.3.1.3 OVERALL PO/ PSO ATTAINMENT COMPUTATION:

Figure 3.3.1.3.1 shows the flow chart which summarizes Overall PO/PSO attainment computation as follows:

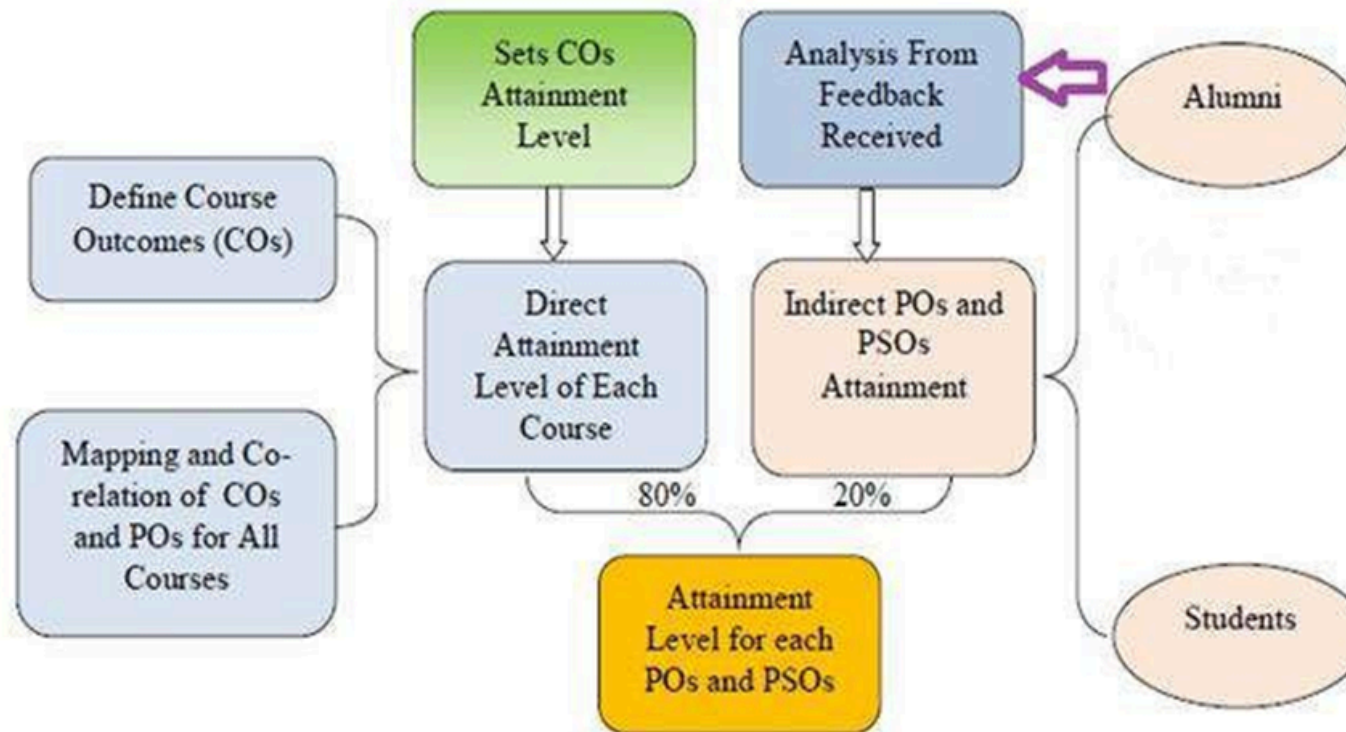
Attainment Process

Figure No.3.3.1.3.1 Flow chart for computation of Overall PO/PSO attainment level

- Overall PO/PSO attainment level will be 80% of direct assessment + 20% of indirect assessment for PO/PSO attainment processes and its tools.
- For 80% of Direct assessment level of a PO/PSO, which is determined by taking average across all courses addressing that PO/PSO.
- For 20% of indirect assessment level of a PO/PSO, which is determined as average of PO/PSO attainment values based upon analysis of Program Exit surveys and alumni feedback.

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
C22101	1.68	0.96	PO3	PO4	0.6	0.96	1.44
C22102	2.82	1.72	1.25	2.03	1.41	1.25	1.25
C22103	1.1	1.02	0.73	0.44	0	0.15	0.37
C22001	1.08	1.2	0.6	0.9	1.68	0.78	1.32
C22002	2.8	1.60	2.00	1.40	1.20	0.60	1.40
C22004	1.16	0.75	0.42	1.08	0.5	0.42	0.5
C22201	1.18	1.1	0.87	0.63	0.39	PO6	0.79
C22202	1.54	1.34	1.36	0.93	1.54	1.03	1.85
C22203	2.18	1.93	1.76	1.57	1.09	0.72	1.32
C22204	2.51	1.41	1.57	2.03	1.41	1.1	1.41
C22205	2.54	1.64	0.60	1.98	0.29	0	0
C22008	0.43	0.39	0.43	0.48	0.48	1.17	0.5
C22009	0.88	0.88	PO3	0.88	PO5	1.76	0.88
C22301	2.07	1.61	1.38	1.84	0.92	0.92	0.92
C22302	1.24	0.83	0.91	0.91	0.83	0.83	0.5
C22303	1.36	1.28	1.12	0.8	0.48	0.32	0.32
C22304	1.02	0.76	1.01	0.25	0.76	0.32	0.17
C22305	2.25	2	3	PO4	3	1	1
C22022	2.25	2.25	2.25	1	1.33	PO6	PO7
C22401	2.67	2.67	1.78	2.2	0.89	0.45	1.07
C22402	0.4	0.2	0.07	0.2	0.13	0.07	0.07
C22403	0.38	0.23	0.15	0.26	0.18	0.18	0.18
C22404	0.65	0.6	0.56	0.52	0.34	0.21	0.21
C22405	1.18	1.1	1.01	0.63	0.56	PO6	PO7

C22447	0.10	0.07	0.10	0.08	0.15	0.06	0.09
C22501	2.38	2.38	2.2	1.58	1.76	1.14	0.88
C22502	2.58	2.43	2.43	1.72	1.00	0.86	0.86
C22503	0.75	1.2	0.9	1.05	0.9	1.2	1.2
C22504	2.17	1.83	1.67	1.46	1.88	0	0.83
C22507	2.51	2.51	2.04	1.72	2.35	1.25	1.57
C22057	1.2	1.2	1	1.4	2	2.3	1.7
C22058	1.50	0.92	0.67	1.08	0.75	0.67	0.67
C22509	2	2.25	2	PO4	PO5	2.6	2
C22601	2.65	2.15	1.49	1.32	1.82	2.81	1.16
C22602	1.36	1.44	1.04	1.2	0.56	0.48	0.48
C22603	1.95	1.62	2.27	1.62	2.43	1.62	1.89
C22605	0.88	0.92	0.88	0.4	1.12	0.72	0.48
C22060	2	2.5	2.6	2	1.8	2	2.5
C22061	2	2.33	1.67	1.67	2	2.67	1.67
C22032	1.80	1.80	2	1.67	2.20	2	2.20

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	1.63	1.43	1.31	1.16	1.15	1.05	1.02
InDirect Attainment	2.01	2.50	1.98	2.10	2.28	2.37	2.25
PO Attainment	1.71	1.64	1.44	1.35	1.38	1.31	1.27

PSO Attainment

Course	PSO1	PSO2	PSO3
--------	------	------	------

C22101	PSO1	PSO2	PSO3
C22102	0.94	0.94	0.94
C22103	1.03	0.88	0.88
C22001	1.2	0.9	0.84
C22002	2.40	0.60	1.20
C22004	1.08	0.67	1
C22201	PSO1	PSO2	PSO3
C22202	1.70	1.70	PSO3
C22203	1.69	0.85	1.21
C22204	2.35	0.94	2.35
C22205	1.35	2.7	1.35
C22008	0.35	.43	0.27
C22009	PSO1	PSO2	PSO3
C22301	1.26	2.07	1.15
C22302	1.12	0.99	1.03
C22303	1.2	PSO2	1.29
C22304	1.27	PSO2	0.85
C22305	3	1	1.5
C22022	2.5	2	1
C22401	0.45	0.18	1.51
C22402	0.20	0.07	0.07
C22403	0.13	0.13	0.13
C22404	0.56	0.21	0.43
C22405	1.1	0.85	0.56
C22447	0.05	PSO2	0.07
C22501	1.58	1.06	1.94

C22502	2.43	PSO2	2.58
C22503	1.05	1.2	1.05
C22504	1.67	1.67	1.67
C22507	2.04	1.41	1.72
C22057	1	PSO2	1.8
C22058	0.50	0.50	0.50
C22509	1	PSO2	2
C22601	1.82	0.17	2.48
C22602	1.36	0.48	1.29
C22603	2.27	0.81	2.22
C22605	0.4	PSO2	0.92
C22060	1.8	2	2.11
C22061	2	1	2.67
C22032	1.50	1	1.75

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	1.33	0.98	1.29
InDirect Attainment	2.37	2.11	2.32
PSO Attainment	1.54	1.21	1.50

4 STUDENTS' PERFORMANCE (200)

Total Marks 98.18

Institute Marks

Intake Information:

Table 4.1

Item	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)
Sanctioned intake strength of the program((N)	60	60	60	60	60	60
Total number of students, admitted through state level counseling (N1)	48	45	45	46	19	27
Number of students, admitted through Institute level quota (N2)	0	0	0	0	0	0
Number of students, admitted through Lateral Entry (N3)	0	7	12	33	34	26
Total number of students admitted in the programme(N1 + N2 + N3)	48	52	57	79	53	53

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	48	0	0	0
2024-25	52	4	0	0
2023-24	57	7	8	0
2022-23 (LYG)	79	2	2	2
2021-22 (LYGm1)	53	13	1	1
2020-21 (LYGm2)	53	19	38	5

Table 4.3

Year of entry	Total No of students admitted in the program(N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]		
		I year	II year	III year
2025-26	48	0	0	0
2024-25	52	21	0	0

2023-24	57	31	21	0
2022-23 (LYG)	79	30	12	9
2021-22 (LYGm1)	53	19	35	6
2020-21 (LYGm2)	53	25	47	10

4.1 Enrolment Ratio (20)

Total Marks 16.00

Institute Marks
16.00

	N (From Table 4.1)	N1 + N2 (From Table 4.1)	Enrollment Ratio [(N1 + N2 / N)*100]
2025-26	60	48	80.00
2024-25	60	45	75.00
2023-24	60	45	75.00

Average [(ER1 + ER2 + ER3) / 3] : 76.67

Assessment : 16.00

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

Total Marks 4.73

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

Institute Marks
2.00

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)	79.00	53.00	53.00

Number of students who have graduated without backlogs in the stipulated period (Y)	2.00	1.00	5.00
Success Index [SI = Y / X]	0.03	0.02	0.09

Average SI [(SI1 + SI2 + SI3) / 3] : 0.05

Assessment [40 * Average SI] : 2.00

4.2.2 Success rate in stipulated period (20)

Institute Marks
2.73

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)	79.00	53.00	53.00
Number of students who have passed in the stipulated period (Y)	9.00	6.00	10.00
Success Index [SI = Y / X]	0.11	0.11	0.19

Average SI[(SI1 + SI2 + SI3) / 3]: 0.14

Assessment [20 * Average SI] : 2.73

4.3 Academic Performance in First Year (25)

Total Marks 10.42

Institute Marks
10.42

Academic Performance	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
----------------------	-----------------	-----------------	-----------------

Mean of CGPA or mean percentage of all successful students(X)	6.50	6.80	6.90
Total number of successful students(Y)	21.00	31.00	32.00
Totalnumber of students appeared in the examination(Z)	45.00	45.00	46.00
API [X*(Y/Z)]:	3.03	4.68	4.80

Average API [(AP1 + AP2 + AP3)/3] : 4.17

Assessment [2.5 * AverageAPI] : 10.42

4.4 Academic Performance in Second Year (20)

Total Marks 5.45

Institute Marks
5.45

Academic Performance	2023-24(CAYm2)	2022-23(CAYm3)	2021-22(CAYm4)
Mean of CGPA or mean percentage of all successful students(X)	7.00	5.00	5.90
Total number of successful students (Y)	21.00	11.00	35.00
Total number of students appeared in the examination (Z)	43.00	65.00	53.00
API [X * (Y/Z)]	3.42	0.85	3.90

Average API [(AP1 + AP2 + AP3)/3] : 2.72

Assessment [2.0 * AverageAPI] : 5.45

4.5 Academic Performance in Final Year (15)

Total Marks 3.98

Institute Marks
3.98

Academic Performance	2022-23 (LYG)	2021-22 (LYGm1)	2020-21(LYGm2)
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Mean of CGPA or mean percentage of all successful students(X)	7.10	7.70	6.20
Total number of successful students(Y)	9.00	6.00	10.00
Totalnumber of students appeared in the examination(Z)	12.00	35.00	47.00
API [X*(Y/Z)]:	5.32	1.32	1.32

Average API [(AP1 + AP2 + AP3)/3] : 2.65

Assessment [1.5 * AverageAPI] : 3.98

4.6 Placement and Higher Studies (40)

Total Marks 37.60

Institute Marks
37.60

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)	11.00	35.00	47.00
No of students placed in the companies or goverment sector(X)	5.00	19.00	24.00
No of students admitted to higher studies (Y)	6.00	6.00	8.00
No. of students turned entrepreneur in the respective field of engineering/technology (Z)	0.00	0.00	2.00
Placement Index [((1.25 * X) + Y + Z) / N] :	1.11	0.85	0.85

Average Placement [(P1 + P2 + P3)/3] : 0.94

Assessment [40 * Average Placement] : 37.60

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 : Civil Engineering

Assessment Year : 2024-25 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Jorwar Sanket Laxman	2209940008	Shinde Associates Akluj	
2	Vhotkar Adarsh Jotiram	2209940041	Chaitnya Associates Akluj	
3	Dhainje Kshitij Dipak	23212330053	Patil Construction Sangali	
4	Thaware Vishal Shankar	23212330049	Chaitnya Associates Akluj	
5	Waghmode Omkar Mohan	23212330071	Shinde Associates Akluj	

Assessment Year : 2023-24 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Nakate Prabodhini Amol	2109940001	Shinde Associates Akluj	
2	Bhandalkar Amit Dhanaji	2109940003	Chaitnya Associates Akluj	
3	Mulani Hasim Javed	2109940005	Patil Construction Sangali	
4	Bhosale Somnath Shyamsur	2109940006	Chaitnya Associates Akluj	
5	Maske Piyush Dhananjay	2109940013	Shinde Associates Akluj	
6	Tarange Vikas Laxman	2109940014	Patil Construction Sangali	
7	Aiwale Puja Dattatray	2109940158	Shinde Associates Akluj	
8	Kolekar Tushar Shahaji	2209940425	Shinde Associates Akluj	
9	Tamboli Azar Akhtar	2209940427	Shinde Associates Akluj	
10	Mane Ajinath Suresh	2209940428	Patil Construction Sangali	
11	Deshmukh Abhishek Sampat	2209940430	Chaitnya Associates Akluj	
12	Mitkal Saurav Annasaheb	2209940431	Chaitnya Associates Akluj	
13	Bagal Mayur Popat	2209940433	Patil Construction Sangali	
14	Mane Shubham Shivaji	2209940434	Chaitnya Associates Akluj	
15	Waghmode Sachin Gajanan	2209940435	Chaitnya Associates Akluj	
16	Pawar Prajyot Dhanaji	2209940436	Patil Construction Sangali	
17	Sathe Sagar Baliram	2209940440	Patil Construction Sangali	
18	Jadhav Pravin Dilip	2209940448	Shinde Associates Akluj	

19	Waghmode Patil Mayur Sure	2209940517	Chaitnya Associates Akluj	
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Assessment Year : 2022-23 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Gavali Parth Dipak	2209940061	Shinde Associates Akluj	
2	Shingade Vishal Tayyappa	2209940063	Chaitnya Associates Akluj	
3	Katkar Parth Madhukar	2209940064	Patil Construction Sangali	
4	Mule Sourabh Ramhari	2209940065	Chaitnya Associates Akluj	
5	Pawar Om Somnath	2209940066	Shinde Associates Akluj	
6	Pimpale Aaditya Lahu	2209940067	Patil Construction Sangali	
7	Kumbhar Onkar Krushna	2209940072	Shinde Associates Akluj	
8	Lavate Patil Tushar Balu	2209940074	Shinde Associates Akluj	
9	Raut Vishvtej Nitin	2209940076	Shinde Associates Akluj	
10	Waghmode Pravin Ajinath	2209940077	Patil Construction Sangali	
11	Mote Harshal Sanjay	2209940080	Chaitnya Associates Akluj	
12	Jadhav Santosh Motiram	2209940081	Chaitnya Associates Akluj	
13	Kazi Sahil Kayyum	2209940082	Patil Construction Sangali	
14	Hazare Milind Eknathrao	2209940083	Chaitnya Associates Akluj	
15	Dhere Tejas Ashok	2209940084	Chaitnya Associates Akluj	
16	Waghmode Om Tanaji	2209940085	Patil Construction Sangali	
17	Mane Vaibhav Sanjay	2209940086	Patil Construction Sangali	
18	Kadam Soham Vikram	2109940151	Chaitnya Associates Akluj	
19	Janrao Shashwat Rajendra	2109940152	Patil Construction Sangali	
20	Bankar Chaitnya Umesh	2109940155	Shinde Associates Akluj	
21	Zapake Shubham Nagesh	2109940156	Chaitnya Associates Akluj	
22	Sul Rushikesh Sanjay	2109940163	Patil Construction Sangali	
23	Phule Somnath Sadanand	2109940164	Chaitnya Associates Akluj	

24	Shaikh Akil Musa	2109940165	Chaitnya Associates Akluj	
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4.7 Professional Activities (20)

Total Marks 20.00

4.7.1 Professional socities/ 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	Civil Engineering Students Association (CESA)	Departmental	2023-2024	Organizes technical activities
2	Indian Society for Technical Education (ISTE)	Professional Body	2025–26	Institutional Membership



Table 4.7.1 A1: Professional Activities Details



DTE Code:6444
MSBTE Code:0994

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



Prizes
Worth
50,000/-

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.Bejrang Kambale
(9325475575)

Registration Fee
Rs.100/ Participant

Department of E&TC & Electrical Engineering

**PROJECT / PROJECT
THEME ON POSTER**

Staff Co-Ordinator
Ms.Thengal K.A.
(9511605299)

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.Korbu S.I.
(7775007819)

Student Co-Ordinator
Mr.Utkarsh Sarade
(9420666080)

Registration Fee
Rs.50/ Participant

**BRIDGE MODEL
MAKING**

Staff Co-Ordinator
Mr.Gade S.P.
(9730646371)

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 Paatil
(Mentor)

Hon.Prakash Patil
(President)

Swasti Designs 787954442

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



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

B. Number, quality of engineering events (5)

Institute Marks

5.00

Table 4.7.1 B: Engineering Events Conducted

Sr. No.	Academic Year	Type of Activity	Date	Organizing Body & Institute	Level
1	2025–26	Technical Event - CAD Race	30-09-2025	Department of Civil Engineering, SIET (Paniv)	State Level
2	2025–26	Technical Event - Bridge Model Making	30-09-2025	Department of Civil Engineering, SIET (Paniv)	State Level
3	2024–25	Technical Event - CAD Race	30-09-2024	Department of Civil Engineering, SIET (Paniv)	State Level
4	2024–25	Technical Event - Civil Engineering Quiz	30-09-2024	Department of Civil Engineering, SIET (Paniv)	State Level
5	2023–24	Technical Event - CAD Race	30-09-2023	Department of Civil Engineering, SIET (Paniv)	State Level

Table 4.7.1 B1: Quality of Engineering Events

Sr. No.	Quality Parameter	Description
1	Level of Events	All events conducted at State Level
2	Relevance to Curriculum	Events aligned with core Civil Engineering subjects (CAD, Structural Concepts)

3	Skill Development	Enhances drafting, analytical, and problem-solving skills
4	Student Engagement	Active participation of students in activities
5	Outcome	Contributes to attainment of PSO1 and Program Outcomes

The Civil Engineering Department organizes technical events such as CAD Race, Bridge Model Making, and Civil Engineering Quiz every academic year at the state level. The number of events conducted reflects continuous departmental efforts, while the quality is ensured through their relevance to core subjects, focus on skill development, and outcome-based learning. These activities enhance technical competency, teamwork, and problem-solving abilities of students.

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.Tilekar K.V
2	Newsletter		
3	Technical Magazine		
4	Newsletter	2024-2025	Mr.Lokhande P.H
5	Newsletter		

6	Technical Magazine		
7	Newsletter	2023-2024	Mr.Gade S.P
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	Enrollment No	Name of Student
1	24212330254	Thorat Amruta
2	24212330255	Sartape Sarina
3	24212330276	Shingate Akanksha
4	24212330258	Thavare Vaishali
5	24212330249	Rupnavar Vaishnavi
6	24212330278	Kambale Sumitra
7	24212330281	Pise Sunil

8	25212330294	Gorad Amar
9	24212330256	Karnavar Vishajit

Student participation in Academic Year 2024-2025

Sr.No	Enrollment No	Name of Student
1	24212330267	Narale Pratik
2	24212330260	Shinde Ganesh
3	24212330297	Sul Mahadev
4	24212330261	Tamboli Irfan
5	24212330258	Thavare Vaishali
6	23212330011	Renuka Mane
7	23212330017	Lavate Rushikesh
8	23212330001	Lokhande Saloni
9	2209940021	Narale Kishori
10	2209940032	Sid Yashashri
11	23212330018	Kokare Nikita
12	24212330254	Thorat Amruta

13	24212330249	Rupnavar Vaishnavi
14	23212330039	Nikam Prachi

Student participation in Academic Year 2023-2024

Sr.No	Enrollment No	Name of Student
1	1916440056	Ingale Yashraj
2	2109940001	Nakate Prabhodhini
3	2209940443	Ghadge Jagdish
4	2209940445	Sathe Sagar
5	2209940450	Shaikh Aman
6	2209940448	Jadhav Pravin
7	2209940452	Kamble Shravan
8	2109940004	Misal Aditya
9	2109940012	Gavali Nilesh
10	2209940435	Waghode Sachin
11	2209940440	Sathe Sanket
12	2209940438	Pawar Mangesh

13	2109940011	Nafeez Kazi
14	2109940020	Nikam Omkar

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.

S.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Kabaddi Boys	Sahil Dinesh Shinde	21-01-2026	SPC,Sangola	State Level	Participation	PO6,PO7,PSO3
2	Kabaddi Boys	Pranav Dnyaneshwar Gaikwad	21-01-2026	SPC,Sangola	State Level	Participation	PO6,PO7,PSO3
3	Kabaddi Boys	Utkarsh Sanjay Sarade	21-01-2026	SPC,Sangola	State Level	Participation	PO6,PO7,PSO3
4	Kho-Kho Boys	Sahil Dinesh Shinde	21-01-2026	SPC,Sangola	State Level	Participation	PO6,PO7,PSO3
5	Kho-Kho Boys	Pranav Dnyaneshwar Gaikwad	21-01-2026	SPC,Sangola	State Level	Participation	PO6,PO7,PSO3

6	Vollyball Boys	Sahil Dinesh Shinde	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
7	Vollyball Boys	Abeed Mohammadsharif Shaikh	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
8	Vollyball Boys	Sarthak Sanjay Ronge	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
9	Vollyball Boys	Bablu Dipak Mane	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
10	Vollyball Boys	Utkarsh Sanjay Sarade	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
11	Vollyball Boys	Shubham Dnyaneshwar Mithare	11-02-2026	BMP,Solapur	State Level	Runner UP	PO6,PO7,PSO3
12	Wrestling Boys	Saurabh Dada Yamgar	16-02-2026	SCP,Belhe	National Level	Winner	PO6,PO7,PSO3
13	Bridge Model Making	Saloni Sanjay Lokhande	30-09-2025	SIET (Poly),Paniv	State Level	Participation	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
14	Innovation 2k25	Saloni Sanjay Lokhande	09-10-2025	PESCOE,Phaltan	National Level	Participation	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
15	Poster Presentation	Saloni Sanjay Lokhande	04-10-2025	SKN, Pandharpur.	State Level	Runner Up	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

16	Poster Presentation	Nikita Tulshiram Kokare	04-10-2025	SKN, Pandharpur.	State Level	Runner Up	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
17	Poster Presentation	Renuka Popat Mane	04-10-2025	SKN, Pandharpur.	State Level	Runner Up	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
18	Poster Presentation	Prachi Rajendra Nikam	04-10-2025	SKN, Pandharpur.	State Level	Runner Up	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
19	Paper Presentation	Shreya Gaikwad	17-03-2026	NSCE, Pandharpur	State Level	Participation	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
20	CAD War	Shreya Gaikwad	17-03-2026	NSCE, Pandharpur	State Level	Participation	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
21	Apti- Tech Master	Shreya Gaikwad	17-03-2026	SVERI, Pandharpur.	State Level	Participation	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
22	Volleyball	Sahil Ujawala Dinesh Shinde		SSS, Paniv	Institute Level	Winner	PO6, PO7, PSO3
23	Volleyball	Shubham Suvarna Dyaneshwar Mithare		SSS, Paniv	Institute Level	Winner	PO6, PO7, PSO3



Fig. 4.7.3.A-01: Runner-up in Volleyball (State Level – IEDSSA Maharashtra) – Mr. Shubham Dnyaneshwar Mithare, 2025-26



Fig. 4.7.3.A-02: Participation in **National Level** Project Competition “Innovation-2k25” – Ms. Saloni Lokhande, 2025-2026

Table 4.7.3.B CAY m1 2024-2025 Participation of Students.

S.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Wrestling (97Kg)	Sanket Mahadev Waghmode	23-01-2025	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
2	Wrestling (125 Kg)	Zinje Rajvardhan Ganesh	23-01-2025	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3

3	Wrestling	Yamgar Saurabh Dada	23-01-2025	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
4	Weight Lifting	Sanket Mahadev Waghmode	23-01-2025	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
5	Weight Lifting (105Kg +)	Zinje Rajvardhan Ganesh	23-01-2025	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
6	Wrestling	Sanket Mahadev Waghmode	05-03-2025	RTDC (POLY),Pune	National Level	Winner	PO6,PO7,PSO3
7	Wrestling	Zinje Rajvardhan Ganesh	05-03-2025	RTDC (POLY),Pune	National Level	Winner	PO6,PO7,PSO3
8	CAD Race	Yogeshwari Rajendra kamble	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
9	CAD Race	Piyush Dhanajay Maske	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
10	Civil Engineering Quiz	Gaikwad Vivek Vilas	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
11	Civil Engineering Quiz	Nilte Asutosh Hanumant	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
12	Civil Engineering Quiz	Waghmode Saurav Laxman	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
13	Civil Engineering Quiz	Kharat Siddharth Vijay	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7,

							PSO1
14	Civil Engineering Quiz	Jadhav Harshvardhan Bapusaheb	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
15	Civil Engineering Quiz	Bangar Pritesh Vijay	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
16	Civil Engineering Quiz	Mane Sangram Sanjay	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
17	Civil Engineering Quiz	Zanje Prajyot Popat	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
18	Civil Engineering Quiz	Gade Rutuja Vitthal	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
19	Civil Engineering Quiz	Lokhande Saloni Sanjay	30-09-2025	SIET (Poly), Paniv.	State Level	Runner UP-I	PO1, PO2, PO6, PO7, PSO1
20	Civil Engineering Quiz	Nikam Prachi Rajendra	30-09-2025	SIET (Poly), Paniv.	State Level	Runner UP-II	PO1, PO2, PO6, PO7, PSO1
21	Civil Engineering Quiz	Pote Shravani Sudhakar	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
22	Civil Engineering Quiz	Kale Prajakta Madhukar	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1

23	Bridge Model Making	Devkar Kishori Ramesh	30-09-2025	SIET (Poly), Paniv.	State Level	Participate	PO1, PO2, PO6, PO7, PSO1
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Table 4.7.3.C CAY m2 2023-2024 Participation of Students.

S.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Wrestling (97 Kg)	Sanket Mahadev Waghmode	23-01-2024	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
2	Wrestling (86 Kg)	Asmit Annaso Kadam	23-01-2024	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
3	Wrestling (61 Kg)	Pradeep Ranjit Mote	23-01-2024	SMSMPITR Akluj	State Level	Runner-Up	PO6,PO7,PSO3
4	Wrestling (86 Kg)	Zinje Rajvardhan Ganesh	23-01-2024	SMSMPITR Akluj	State Level	Participate	PO6,PO7,PSO3
6	Cricket	Mithare Shubham Dnyaneshwar	05-02-2024	SVERI Polytechnic Pandharpur.	State Level	Participate	PO6,PO7,PSO3
7	Cricket	Kumbhar Shreyash Ganesh	05-02-2024	SVERI Polytechnic Pandharpur.	State Level	Participate	PO6,PO7,PSO3

8	Cricket	Shinde Sahil Dinesh	05-02- 2024	SVERI Polytechnic Pandharpur.	State Level	Participate	PO6,PO7,PSO3
9	Cricket	Hulge Sujit Shivaji	05-02- 2024	SVERI Polytechnic Pandharpur.	State Level	Participate	PO6,PO7,PSO3
10	Volleyball	Shaikh Abeer Mohamadsharif	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
11	Volleyball	Shinde Sahil Dinesh	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
12	Volleyball	Magar Pranav Ashok	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
13	Volleyball	Mithare Shubham Dnyaneshwar	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
14	Volleyball	Sarade Utkarsh Sanjay	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
15	Volleyball	Ronge Santhak Sanjay	31-01- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
16	Kabaddi	Chavan Rohan Suresh	01-02- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3

17	Kabaddi	Lokhande Parshuram Namaso	01-02- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
18	Kabaddi	Shinde Sahil Dinesh	01-02- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
19	Kabaddi	Mane Yash Vijay	01-02- 2024	Govt Polytechnic Solapur	State Level	Runner-Up	PO6,PO7,PSO3
20	Kho-Kho	Lokhande Parshuram Namaso	2/2/2024	Govt Polytechnic Solapur	State Level	Participate	PO6,PO7,PSO3
21	Kho-Kho	Chavan Rohan Suresh	2/2/2024	Govt Polytechnic Solapur	State Level	Participate	PO6,PO7,PSO3
22	Weight Lifting (105 Kg)	Sanket Mahadev Waghmode	23-01- 2024	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3
23	Weight Lifting (61 Kg)	Mote Pradeep Ranjit	23-01- 2024	SMSMPITR Akluj	State Level	Runner-Up	PO6,PO7,PSO3
24	Weight Lifting (105 Kg)	Gadage Akshay Popat	23-01- 2024	SMSMPITR Akluj	State Level	Participate	PO6,PO7,PSO3
25	Weight Lifting (105 Kg)	Zinje Rajvardhan Ganesh	23-01- 2024	SMSMPITR Akluj	State Level	Runner-Up	PO6,PO7,PSO3
26	Weight Lifting	Sanket Mahadev Waghmode	10-03- 2024	Nanasaheb Mahdik Poly Sangli	National Level.	Runner-Up	PO6,PO7,PSO3
27	Wrestling (97 Kg)	Sanket Mahadev Waghmode	10-03- 2024	Nanasaheb Mahdik Poly Sangli	National Level.	Winner	PO6,PO7,PSO3

28	Wrestling (86 Kg)	Asmit Annaso Kadam	10-03-2024	Nanasaheb Mahdik Poly Sangli	National Level.	Winner	PO6,PO7,PSO3
29	Cad Race	Gorad Diplai	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
30	Cad Race	Hulage Kajal	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
31	Cad Race	Jorwar Sanket	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
32	Cad Race	Kadam Asmit Annaso	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
33	Cad Race	Kasture Omkar	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
34	Cad Race	Kazi Nafeez	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
35	Cad Race	Keche Ranjit Kisan	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
36	Cad Race	Khandare Diksha	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
37	Cad Race	Khedkar Aviraj	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

38	Cad Race	Kolekar Aarti Mhaku	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
39	Cad Race	Lengare Monika Sharad	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
40	Cad Race	Lengare Savita Sharad	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
41	Cad Race	Mane Ajit	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
42	Cad Race	Aiwale Pooja Dattatray	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
43	Cad Race	Bagal Mayur Popat	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
44	Cad Race	Bhandalkar Amit	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
45	Cad Race	Borade Chaitanya	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
46	Cad Race	Darveshi Shakil Paigambar	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
47	Cad Race	Dhainje Kshitij	30-09- 2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

48	Cad Race	Gandhi Amitesh Mahavir	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
49	Cad Race	Ghadage Jagdish Dattatray	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
50	Cad Race	Golare Madhuri	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
51	Cad Race	Mane Gauri Santosh	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
52	Cad Race	Maske Piyush	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
53	Cad Race	Mote Pradip	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
54	Cad Race	Mulani Hasim	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
55	Cad Race	Narale Kishori Kashinath	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
56	Cad Race	Navgire Diksha Santosh	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
57	Cad Race	Nikam Omkar	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

58	Cad Race	Palave Udaykumar Dattatray	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
59	Cad Race	Pawar Ganesh Sunil	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
60	Cad Race	Pawar Mangesh Kanhaiyalal	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
61	Cad Race	Pawar Viraj	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
62	Cad Race	Phule Hemant	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
63	Cad Race	Phule Omkar	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
64	Cad Race	Pukale Tejas	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
65	Cad Race	Sargar Yash Shahaji	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
66	Cad Race	Sathe Sagar Baliram	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
67	Cad Race	Sathe Sanket	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

68	Cad Race	Sayyad Shahid Abdul	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
69	Cad Race	Shaikh Aman	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
70	Cad Race	Sid Yashashri Suresh	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
71	Cad Race	Tamboli Azar	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
72	Cad Race	Tarange Vikas	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
73	Cad Race	Tele Ranjit Rajendra	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
74	Cad Race	Thavare Vishal	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
75	Cad Race	Vajale Sandip Baban	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
76	Cad Race	Waghmode Prashant Ankush	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
77	Cad Race	Waghmode Pranav	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

78	Cad Race	Waghmode Sachin Gajanan	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
79	Cad Race	Waghmode Sanket	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
80	Cad Race	Zanje Yuvaraj	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
81	Cad Race	Zinje Rajvardhan	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
82	Cad Race	Zhurule Pandurang Kantilal	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
83	Cad Race	Zhurule Sourabh Abasaheb	30-09-2024	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

Table 4.7.3.D CAY m3 2022-2023 Participation of Students.

S.No	Name of Event/Activity	Name of Students	Date	Organizing Body/ Institute	Level	Participated/ Award Received	POs PSOs Mapping
1	Wrestling(97Kg)	Sanket Mahadev Waghmode	28-09-2022	GP ,Karad	National	Winner	PO6,PO7,PSO3
2	Wrestling(97Kg)	Sanket Mahadev Waghmode	06-11-2022	SMSMPITR Akluj	State Level	Winner	PO6,PO7,PSO3

3	Wrestling (57Kg)	Pradeep Ranjit Mote	06-11-2022	SMSMPITR Akluj	State Level	Runner-up	PO6,PO7,PSO3
4	Weight Lifting (94 Kg)	Maske Piyush Dhananjay	05-11-2022	SMSMPITR Akluj	State Level	Runner-up	PO6,PO7,PSO3
5	Discus Throw	Harshal Sanjay Mote	15-11-2022	KIT Shelave	State Level	Winner	PO6,PO7,PSO3
6	Cad Race	Kadam Soham Vikram	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
7	Cad Race	Kasture Onkar Ajinath	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
8	Cad Race	Kute Ashwini Bapu	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
9	Cad Race	Katkar Parth Madhukar	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
10	Cad Race	Kazi Nafeez Nasruddin	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
11	Cad Race	Kazi Sahil Kayyum	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

12	Cad Race	Khatal Rutuja Ramchandra	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
13	Cad Race	Kumbhar Onkar Krushna	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
14	Cad Race	Mote Harshal Sanjay	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
15	Cad Race	Misal Aditya Pandit	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
16	Cad Race	Lavate Tushar Balu	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
17	Cad Race	Lokhande Pratik Hanumant	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
18	Cad Race	Magar Shriyansh Rajendra	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
19	Cad Race	Mane Ajinath Suresh	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

20	Cad Race	Mane Shubham Shivaji	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
21	Cad Race	Mane Vaibhav Sanjay	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
22	Cad Race	Maske Piyush Dyandev	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
23	Cad Race	Mulani Hasim Javed	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
24	Cad Race	Mule Saurabh Ramhari	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
25	Cad Race	Nakate Prabhodini Amol	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
26	Cad Race	Nikam Onkar Sanjay	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
27	Cad Race	Nikam Shubham Rajendra	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

28	Cad Race	Palave Udaykumar Dattatraya	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
29	Cad Race	Pawar Om Somanath	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
30	Cad Race	Zurule Pandurang Kantilal	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
31	Cad Race	Bhandalkar Amit Tanaji	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
32	Cad Race	Bhoke Bhakti Ranjit	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
33	Cad Race	Bhosale Somnath Shamsundar	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
34	Cad Race	Chandanshive Vishwjeet Santosh	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
35	Cad Race	Chavan Sushant Sarjerav	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

36	Cad Race	Deshmukh Abhishek Sampati	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
37	Cad Race	Dhainje Dipak Aditya	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
38	Cad Race	Dhainje Vikram Hanumant	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
39	Cad Race	Dhere Tejas Ashok	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
40	Cad Race	Gavali Parth Dipak	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
41	Cad Race	Gire Pratik Pandurang	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
42	Cad Race	Gorad Poonam Apparao	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
43	Cad Race	Gorad Sanjay Laxman	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

44	Cad Race	Gorad Vishal Nagnath	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
45	Cad Race	Ingale Yashraj Bapusaheb	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
46	Cad Race	Phule Somnath Sadanand	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
47	Cad Race	Pimpale Aditya Lahu	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
48	Cad Race	Raut Vishvtej Nitin	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
49	Cad Race	Salunkhe Vishal Vijay	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
50	Cad Race	Sathe Sanket Satish	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
51	Cad Race	Shaikh Akhil Musa	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

52	Cad Race	Shaikh Aman Jakir	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
53	Cad Race	Shendage Sandip Vaghoba	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
54	Cad Race	Shingade Vishal Tayyappa	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
55	Cad Race	Sul Rushikesh Sanjay	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
56	Cad Race	Tamboli Azar Akhtar	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
57	Cad Race	Tarange Kirti Ramesh	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
58	Cad Race	Tarange Vikas Laxman	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
59	Cad Race	Vajale Sagar Sujit	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

60	Cad Race	Virkar Rushikesh Appa	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
61	Cad Race	Waghmode Bhagyashree Tanaji	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
62	Cad Race	Waghmode Gauri Namdev	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
63	Cad Race	Waghmode Om Tanaji	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
64	Cad Race	Waghmode Pravin Ajinath	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1
65	Cad Race	Zapake Shubham Nagesh	30-09-2023	SIET (Poly), Paniv.	State Level	Participate	PO1, PO3, PO4, PO5, PO6, PO7, PSO1

5 FACULTY INFORMATION AND CONTRIBUTIONS (150)
Total Marks 122.93

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.Zanje Nana Vitthal	M.E.	Construction & Management	100	100	100	10	1	HOD	01/07/2014	Regular	Yes		No
Mr. Sawant Vikram Vijay	M.E.	Structural Engineering	100	100	100	3		Sr.Lecturer	01/01/2015	Regular	Yes		No
Mr.Gade Suhas Popat	M.Tech	Structural Engineering	100	100	100	2		Lecturer	01/08/2018	Regular	Yes		No
Mr. Devkate Ramchandra Ankush	M.E.	Construction & Management	100	100	100	10	1	Lecturer	08/04/2021	Regular	Yes		No
Ms.Korabu Shahin Innus	B.Tech	Civil Engineering	100	100	100	0		Lecturer	26/08/2023	Regular	Yes		No
Ms.Tilekar Komal Vasant	M.E.	Construction & Management	100	0	0	2		Lecturer	01/08/2024	Regular	Yes		No
Mr.Lokhande Prasad Hanumant	B.E.	Civil Engineering	100	100	0	1		Lecturer	01/07/2024	Regular	Yes		No
Mr.Lokhande Laxman Uddhav	M.E.	Structural Engineering	100	100	0		1	Lecturer	01/07/2024	Regular	Yes		No
Mr.Bhosale Jotiram Ramchandra	MA (English)	English	29	21	38			Lecturer	01/10/2021	Regular	Yes		No
Mr.Shaikh Jafar Husen	M.Sc. (Chemistry)	Chemistry	27	25	0			Lecturer	15/07/2024	Regular	Yes		No
Mr. Dhavre Somnath Kantilal	MA (English)	English	15	8	10			Lecturer	28/08/2023	Regular	Yes		No
Mr. Tamboli Shabbir Ismail	M.Sc. (Chemistry)	Chemistry	20	0	46			Sr.Lecturer	25/06/2008	Regular	Yes		No
Ms Mulani Pharida Hajarat	M. Sc (Physics)	Physics	16	18	65			Lecturer	18/08/2022	Regular	Yes		No

Mr.Tandale Balaji Someshwar	M.Sc (Maths)	Maths	29	0	0			Lecturer	04/06/2025	Regular	Yes		No
Mr.Pawar Amar Manikrao	M.E.	Structural Engineering	0	100	100			Lecturer	27/07/2009	Regular	No	31/05/2025	No
Mr.Khandagale Sagar Prakash	M.E.	Construction & Management	0	100	100		1	Lecturer	11/08/2022	Regular	No	15/01/2026	No
Ms.Bhuite Sonali Dattatray	B.E.	Civil Engineering	0	0	100			Lecturer	11/08/2022	Regular	No	31/10/2024	No
Mr.Kolawale Ganesh Audumbar	M.Sc (Maths)	Maths	0	0	48			Lecturer	11/06/2013	Regular	No	13/08/2024	No
Mr.Hasbe Akshay Anil	M. Sc (Physics)	Physics	0	28	0			Lecturer	22/08/2023	Regular	No	02/05/2025	No
Mr.Patil Prashant Pradip	M.Sc (Maths)	Maths	0	46	0			Lecturer	27/08/2024	Regular	No	30/05/2025	No

5.1 Student-Faculty Ratio (SFR) (25)

Total Marks 25.00

Institute Marks

25

Year	N	F	SFR=N/F
2025-26(CAY)	224	9.36	23.93
2024-25(CAYm1)	245	10.46	23.42
2023-24(CAYm2)	239	10.07	23.73

Average SFR : 23.69

Assesement SFR : 25

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
2025-26(CAY)	14	0
2024-25(CAYm1)	14	0
2023-24(CAYm2)	11	0

5.2 Faculty Qualification (25)

Total Marks 15.93

5.2.1 Faculty Qualification Index (20)

Institute Marks
15.93

	X	Y	F	$FQ = 2 \times [(10X + 7Y) / F]$
2025-26	6	3	9.00	18.00
2024-25	6	3	10.00	16.20
2023-24	4	4	10.00	13.60

Average Assessment : 15.93

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 10.00

Institute Marks
10.00

Description	2024-25 (CAYm1)	2025-26 (CAY)
No of Faculty Retained	9	7
Total No. of Required Faculty	11	11
% of Faculty Retained	82	64

Average : 72.73

Assessment Marks : 10.00

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

Total Marks 30.00

Institute Marks
30.00

Name of the faculty	Max 5 Per Faculty		
	2022-23 (CAYm3)	2023-24 (CAYm2)	2024-25 (CAYm1)
Mr. Devkate Ramchandra Ankush	2.00	5.00	5.00
Mr. Dhavre Somnath Kantilal	0.00	0.00	0.00
Mr. Sawant Vikram Vijay	5.00	5.00	5.00
Mr. Tamboli Shabbir Ismail	0.00	0.00	0.00
Mr.Gade Suhas Popat	5.00	5.00	5.00
Mr.Hasbe Akshay Anil	0.00	0.00	0.00
Mr.Khandagale Sagar Prakash	5.00	5.00	0.00

Mr.Kolawale Ganesh Audumbar	5.00	0.00	0.00
Mr.Lokhande Prasad Hanumant	0.00	0.00	5.00
Mr.Patil Prashant Pradip	0.00	0.00	0.00
Mr.Pawar Amar Manikrao	2.00	5.00	5.00
Mr.Zanje Nana Vitthal	2.00	5.00	5.00
Ms Mulani Pharida Hajarat	0.00	0.00	0.00
Ms.Bhuite Sonali Dattatray	5.00	5.00	0.00
Ms.Tilekar Komal Vasant	0.00	0.00	0.00
Mr. Bhosale Jotiram Ramchandra	5.00	0.00	2.00
Mr.Lokhande Laxman Uddhav	0.00	0.00	5.00
Ms. Korabu Shahin Innus	0.00	5.00	5.00
Mr. Shinde Vijay Namdeo	5.00	0.00	0.00
Sum	41.00	40.00	42.00
RF = Number of Faculty required to comply with 25:1 SFR as per 5.	9.56	9.80	8.96
Assessment $[6 * (\text{Sum} / 0.5\text{RF})]$ (Marks limited to 30)	30.00	30.00	30.00

Average assessment over 3 years (Marks limited to 30): 30.00

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

Total Marks 4.00

Institute Marks

4.00

Academic Year		Duration	In Collaboration With	Title/Topic	Level	No. of Beneficiary	Name of Coordinator
2025-26		13/10/2025 to 15/10/2025	SAE India	Research And Innovation Strategies	National	117	Ms. Tilekar K.V. Mr. Gade S.P.

Sr. No	Date	Name of Event FDP/ STTP	State/ National Level	Name of the Programmer	Name of the Resource Person	No. of Participants
1	23/06/ 2026 To 25/06/ 2026	FDP	State	Transforming ideas into Innovation: AI/ML, Research Publication & Entrepreneurship	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. 5. Mr. Sachin Supekar,Founder & Consultant at Samarpak Management Solutions HR &Culture Consultant HR Strategy Consultant Pune Division,Maharashtra, India 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	700

					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

Sr. No.	Academic Year	Name of Client / Organization	Nature of Consultancy / Testing Work	Project / Work Order No.	Amount Received (₹)	Faculty Coordinator	Status
1	2025-26	Soil and Water Conservation Sub-Division, Akluj	Testing report of Construction of Cement Nala Bandhara @ Tirwandi No-05	SSS/SIET/597/2025-2026	8,800 /-RS	Mr. Devkate R.A.	Completed
2	2025-2026	Sarpanch/ Gramsevak – Gram Panchayat Ughadewadi	Structural Audit of Old ZP School Thakurbuva (Class Room- 01& 02)	SSS/SIET/537/2025-2026	6,000 /- RS	Mr. Zanje N.V.	Completed

3	2025-2026	Sarpanch/ Gramsevak – Gram Panchayat Velapur.	Inspection report of Water Storage Tank.	SSS/SIET/534/2025- 2026	-	Mr. Sawant V.V.	Completed
4	2025-2026	Malhar Sakhar Karkhana LTD, Chandapuri	Cube Testing Report	SSS/SIET/520/2025- 2026	1000 /- RS	Mr. Gade S.P.	Completed
5	2025-2026	Sarpanch/ Gramsevak – Gram Panchayat Ughadewadi	Stuructural Audit of Water StorageTank	SSS/SIET/260/2025- 2026	4000 /- RS	Mr. Zanje N.V.	Completed
6	2024-2025	Mr. M.M. Deshmukh (Govt Contractor)	Inspection of Layout at Well Section Details -Kusmod.	Receipt No 544/2025- 26	3000/- RS	Mr. Khandagale S.P.	Completed
7	2024-2025	Mr. Aditya Shashikant Phade (Govt Contractor)	Cube Testing Report	SSS/SIET/759A/2024- 2025	9650 /- RS	Mr. Khandagale S.P.	Completed
8	2024-2025	Sarpanch/ Gramsevak – Gram Panchayat Bhamb	Structural Audit of Old ZP School Patil Vasti (03 Class Room)	SSS/SIET/568/2024- 2025	9000 /- RS	Mr. Devkate R.A.	Completed
9	2024-2025	Mr. Pritam Dashrath Ekatpure (Govt Contractor)	Steel Design Approval	Receipt No 4760/2024-2025	6000 /- RS	Mr. Pawar A.M.	Completed

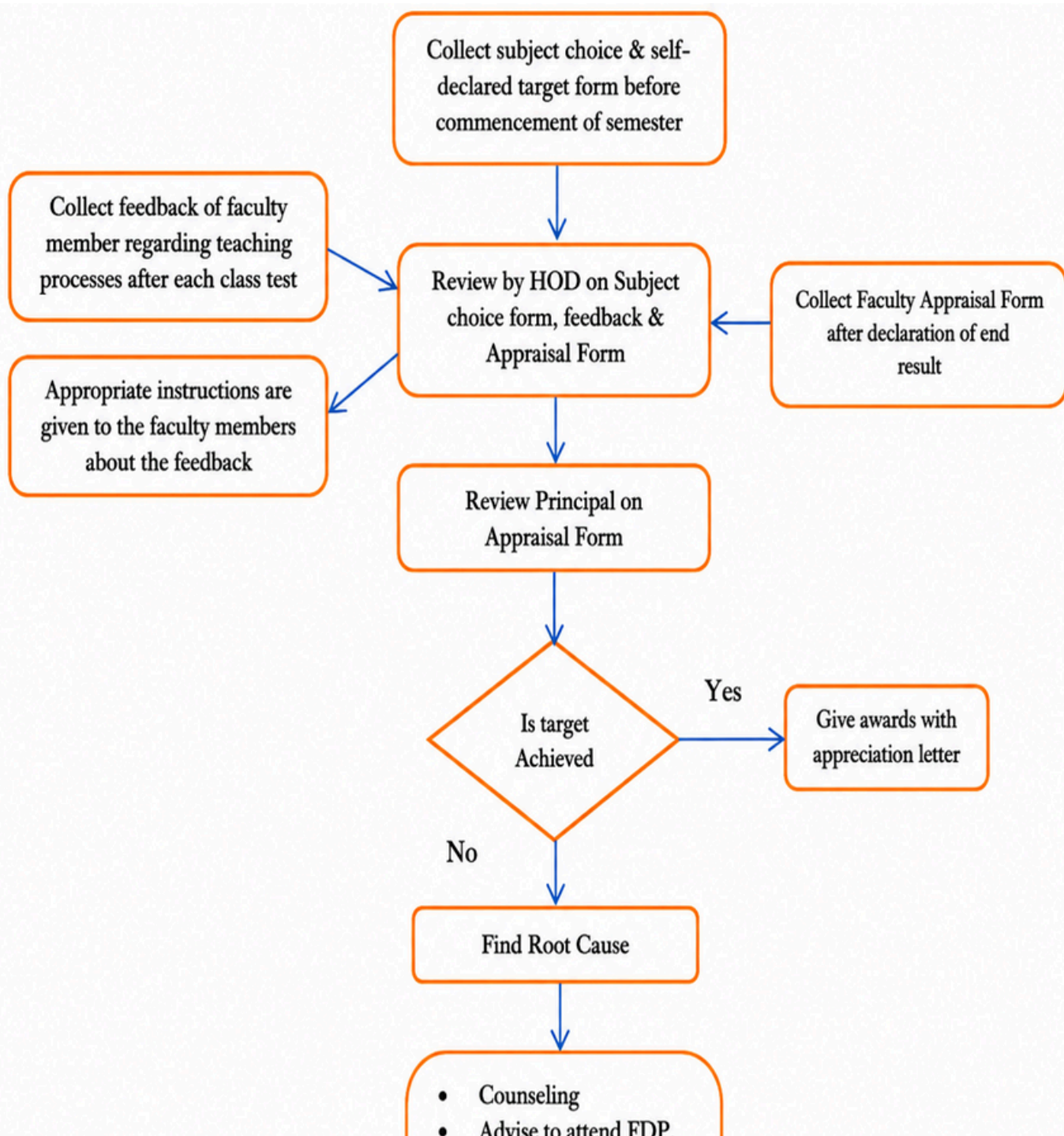
10	2024-2025	Mr. Sitaram Sukhdev Mane (Govt Contractor)	Detailed Estimate of Water Storage Tank -Devdi	Receipt No 5215,5222,5223 /2024-2025	8000 /- RS	Mr. Pawar A.M.	Completed
11	2024-2025	Mr. Vaibhav T. Thaware (Govt Contractor)	Mission Jal Jeevan Under Water Storage Tank Plan Checking	Receipt No 5884/2024-2025	8000 /- RS	Mr. Pawar A.M.	Completed

• Revenue Generated in RS

Sr No	Academic Year	Details	Revenue Generated in RS	Beneficiaries Faculty
1	2025-2026	Testing report, Structural Audit, Inspection , Cube Testing	19,800 RS	Mr. Zanje N.V., Mr. Sawant V.V. Mr. Gade S.P., Mr. Devkate R.A.
2	2024-2025	Detailed Estimate , Checking Plans, Structural Approval , Inspection	43,650 RS	Mr. Pawar A.M. , Mr. Devkate R.A. , Mr. Khandagale S.P.
3	2023-2024	NA	NA	NA

5.6 Faculty Performance Appraisal and Development System (FPADS) (30)		Total Marks 30.00
A. A well-defined FPADS instituted for all the assessment years (5)		Institute Marks
		5.00

Faculty members in higher educational institutions today are required to fulfill a lots of roles and responsibilities. Beyond teaching, they must engage in innovative research to promote personal growth, stay updated with technological advancements, and cultivate expertise to enhance curriculum delivery. Additionally, they are expected to engage with industry and community, offering solutions to real-world problems. Administrative duties, collaboration with colleagues, department heads, and institutional leadership are also integral aspects of their role. An efficiency performance evaluation system for faculty is essential to maximize their contributions to institutional excellence. The institute implements a comprehensive faculty appraisal system where each faculty member submits their Performance Based Appraisal System (PBAS) form at the conclusion of every Academic Year after declaration of student results. The evaluation involves assessment by both the Head of the Department and the Head of the Institution. Additionally, student feedback is gathered after Class Test 1 & Class Test 2 of both the semesters. The Head of the Department evaluates this feedback and provides relevant suggestions and feedback to the faculty to enhance their performance.



- workshop & Seminars.
- Short term training of subject knowledge & teaching skills
 - Motivation to use innovative teaching aids

Shriram Shikshan Sanstha's

Shriram Institute of Engineering & Technology (Polytechnic), Paniv

Tal-Malshiras, Dist-Solapur-413113

STAFF APPRAISAL FORM

Particulars	Details
Name of Faculty	
Designation	
Department	
Employee ID	
Date of Joining	
Qualification	
Academic Year	
Semester	

Subjects Taught	
Classes Assigned	
Date of Appraisal	

PERFORMANCE APPRAISAL CRITERIA

1. Teaching – Learning Process (Maximum Marks: 40) Part – I : Basic Performance Indicators (Easy Scoring) – 20 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Regular Conduct of Lectures & Practicals	5		
2	Timely Completion of Daily Teaching Diary	4		
3	Syllabus Coverage up to Academic Plan	5		
4	Attendance Maintenance & Monitoring	3		
5	Classroom Discipline & Student Interaction	3		
Total		20		

Part – II : Advanced Performance Indicators (Difficult Scoring) – 20 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Innovative Teaching Methods / ICT Based Teaching	5		
2	Student Result Analysis & Improvement Actions	5		
3	Development of Learning Resources / Notes / Videos	4		
4	Remedial Coaching / Weak Student Improvement	3		
5	Student Feedback Above Institutional Benchmark	3		
Total		20		

Academic Responsibilities (Maximum Marks: 20) Part – I : Routine Academic Work (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Practical Conduct & Lab Records Maintenance	3		
2	Course File & Documentation Completion	3		

3	Internal Assessment Submission in Time	2		
4	Mentoring / Counseling Record Maintenance	2		
Total		10		

Part	II : Quality Academic Contribution (Difficult Scoring)	– 10 Marks		
Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Outcome Based Education (OBE) Implementation	3		
2	Preparation of Advanced Lab Manuals / Content	3		
3	Academic Audit Performance	2		
4	Value Added Activities for Students	2		
Total		10		

D. Institutional Contribution (Maximum Marks: 20) Part – I : Institutional Support Activities (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation

1	Participation in College Events & Committees	3		
2	Discipline & Punctuality	3		
3	Teamwork & Coordination	2		
4	Participation in Admission Activities	2		
Total		10		

Part – II : Institutional Development Contribution (Difficult Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Contribution in NAAC / NBA / IQAC Work	3		
2	Leadership in Institutional Activities	3		
3	Industry / Alumni / Community Coordination	2		
4	Initiative for Departmental Development	2		
Total		10		

1. Professional Development & Research (Maximum Marks: 20) Part – I : Professional Upgradation (Easy Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained

			Self Evaluation	HOD Evaluation
1	Participation in FDP / STTP / Workshops	4		
2	Membership in Professional Bodies	2		
3	Participation in Online Certification Courses	2		
4	Participation in Seminar / Webinar Activities	2		
Total		10		

Part – II : Research & Innovation Contribution (Difficult Scoring) – 10 Marks

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Research Publications / Patents / Copyrights	4		
2	Consultancy / Industry Interaction	2		
3	Funded Projects / Sponsored Activities	2		
4	Innovative Practices / Product Development	2		
Total		10		

OVERALL ASSESSMENT

Sr. No.	Criteria	Max Marks	Marks Obtained	
			Self Evaluation	HOD Evaluation
1	Teaching – Learning Process	40		
2	Academic Responsibilities	20		
3	Institutional Contribution	20		
4	Professional Development & Research	20		
Grand Total		100		

	PERFORMANCE GRADING	
Marks Range	Grade	Performance Level
90 – 100	A+	Outstanding
80 – 89	A	Excellent
70 – 79	B+	Very Good
60 – 69	B	Good
50 – 59	C	Satisfactory
Below 50	D	Need Improvement

Remarks:

Self-Remarks by Faculty:

Remarks by HOD:

☐ Remarks by Principal:

Authority	Signature	Date
Faculty Member		
Head of Department		
Principal		

Evaluation Philosophy

- First 50% marks are based on routine academic responsibilities and can be achieved through regular sincere work.
- Remaining 50% marks are based on quality contribution, innovation, research, institutional development, and measurable outcomes.
- Higher grades require exceptional contribution beyond routine duties.

B. Its implementation and effectiveness (15)

Institute Marks

15.00

(1) Best Teacher award: On the basis of academic performance, research activities and contribution at institute level the top scoring faculty is awarded as Best Teacher. Also, those faculties having subject results more than 75% awarded with appreciation letter.

Details of Best Teacher award to the faculty:

Sr. No	Name of Faculty	Academic Year	Department
1	Mr.Devkate Ramchandra Ankush	2025-26	Civil
2	Ms. Korabu Sahin Innus	2024-25	Civil
3	Ms. Bhuite Sonali Dattatraya	2023-24	Civil

(2) Support for Higher Studies: The faculty members pursuing higher studies are awarded with study leave as per requirements of the faculty & service rules.

(3) Leave for attending Workshops /FDP/QIP/STTP/International Conferences: Faculty members are granted duty leave to participate in relevant quality improvement programs.

C. Details of qualification up-gradation of faculty (10)

Institute Marks

10.00

Sr. No.	Faculty Name	Existing Qualification	Qualification Up gradation / Professional Development Activity	Year	University
1	Mr. Zanje N.V.	BE	ME (Constuction Management)	2023-24	SPPU, Pune.
2	Mr. Devkate R.A.	BE	ME (Constuction Management)	2023-24	SPPU, Pune.

3	Mr. Khandagale S.P.	BE	ME (Constuction Management)	2023-24	SPPU, Pune.
4	Mr. Lokhande L.U.	BE	ME (Structural Engineer)	2024-25	SPPU, Pune.
5	Mr. Lokhande P.H.	B.E.	M.Tech Pursuing	2025-26	Dr.BATU, Lonere.
6	Mr. Gade S.P.	M.Tech	Ph.D. Pursuing	2025-26	Sri Venkateshwara –Pakyong, Sikkim.

6 FACILITIES AND TECHNICAL SUPPORT (100)

Total Marks 100.00

6.1 Availability of adequate, well equipped classrooms to meet the curriculum requirements (10)

Total Marks 10.00

Institute Marks
10.00

6.1Availability of adequate, well-equipped classrooms to meet the curriculum requirements (10)

The Civil Engineering Department of Shriram Institute of Engineering and Technology (Polytechnic), Paniv has a sufficient number of classrooms and tutorial rooms for conducting theory lectures, tutorials, seminars, guest lectures, and student presentations as per the curriculum. These rooms are used according to the academic timetable and are shared efficiently whenever needed. The Vision, Mission are displayed in the respective classrooms

All classrooms are spacious, well-ventilated, and properly lit, providing a comfortable environment for teaching and learning. The department also supports both traditional teaching methods and ICT-based learning through suitable classroom facilities.

The classrooms are equipped with the following facilities:

- The classroom contain comfortable dual desk units
- Green boards
- LCD projector facility (sharing)
- Interactive Panel (Smart board) facility
- Internet connectivity
- Adequate fans and lighting arrangements
- Curtains and ventilation provisions
- Knowledge walls
- CCTV surveillance
- Proper electrical fittings and power backup support

The classrooms are maintained regularly to ensure cleanliness, safety, and proper working condition. The department also uses classrooms for conducting seminars, project presentations, remedial coaching, and co-curricular activities.

Table No. 6.1.1 Details of class rooms facilities available in Electrical Engineering Department.

Sr. No	Classroom No	Green board/ Whiteboard	Current Available Facility in Class Room	Area Sq. m	Remark
1	Class Room-1	Yes	Green Board, Desk, Projector, Bench, Fan, Lights, Smart Board, Knowledge wall, CCTV, Platform, Internet connectivity	66	As Per AICTE Norms
2	Class Room-2	Yes	Green Board, Desk, Projector, Bench, Fan, Lights, Smart Board, Knowledge wall, CCTV, Platform, Internet connectivity	66	As Per AICTE Norms
3	Tutorial Room	Yes	Green Board, Desk, Projector, Bench, Fan, Lights, Smart Board, Knowledge wall, CCTV, Internet connectivity	33	As Per AICTE Norms

6.2 Availability of adequate and well-equipped workshops, Laboratories and Technical manpower to meet the curriculum requirements (40)

Total Marks 40.00

A. Adequacy (10)

Institute Marks

10.00

1. . Adequacy /Availability of Adequate, Well-Equipped Workshops, Laboratories to Meet the Curriculum Requirement .

A.Adequacy

Shriram Shikshan Sanstha's, Shriram Institute of Engineering & Technology (Poly), Paniv, Civil Engineering department has adequate Laboratories and necessary infrastructure to meet curriculum requirements. The Laboratories are provided with necessary and sufficient equipment /instruments/ apparatus as per technical education recommendations, with adequate technical support and guidance. Within the working hours all Laboratories are open to the students to carry out the project work with necessary technical support. Lab slots are provided as per the curriculum requirement. Workshop is equipped for carrying out the curriculum covered for workshop practice. This centralized workshop in the institute are available having all required equipment's, tools, machinery and instruments. Adequate machinery and equipment's, hand tools are available in the workshop to develop different skills in the manufacturing sector to fulfill the curriculum requirements. Adequate number of laboratories and workshops are available for the program.

Information about adequacy, quality and technical manpower is given in prescribed format as below.

- Well Equipped laboratories are available for the entire program as per curriculum.
- Each lab is provided with separate faculty in-charge and adequate facilities.
- All Laboratories are with sufficient equipment's to do practical work during the working hours as per the time table.
- Experiments prescribed in curriculum are conducted as per lab schedule.
- Equipment's and Consumables are stored for easy accessibility of the faculty, technician and students.
- Beyond working hours, the laboratories are available for the students to do their project work.

Table 6.2.1: Availability of adequate and well-equipped Workshops and technical manpower

Sr. No.	Name of Laboratory	No of Student s per Setup (Batch Size)	Name of the Important Equipment Costing More Than Rs. 30000	Weekly Utilization n Status (All the Courses for Which Lab Is Utilized)	Technical Man Power Support		
					Name of the Technical Staff	Designation	Qualification
1	Carpentry	12-20	Wood Working Vice - 9"	12 practical hours per week as per T-E Scheme	Mr.Sathe R. B.	Instructor	ITI
			Heavy Duty Shimoga type Wood Working m/c				
			Leader Brand Heavy Duty Sercular Saw m/c -8" size				
			Carpenter Vice -8"				

2	Fitting	12-20	Verma make 5" Bench Vice	12 practical hours per week as per T-E Scheme	Mr. Malgatte D. V.	Instructor	ITI
			13 mm Capacity Drill m/c				
			Surface Plate – 450 x 450 mm				
			Bench Vice				
3	Sheet Metal and Plumbing	12-20	Sheet Bending Machine	12 practical hours per week as per T-E Scheme	Mr. Patel S. I.	Foreman	DAE
			Bhaiyya Cutter -16"				
			Anvil - 50 Kg				
			Pipe Vice - 4.5				

Table No: 6.2.2 Availability of adequate laboratories

Sr. No.	LAB	CAPACITY OF STUDENTS	ROOM NO	AREA IN M ²	DETAILS OF FURNITURE	REMARKS
1	Surveying Lab	20 - 25	Workshop Building	66	Work Table, Staff Table & Chair, Notice board	As per norms
2	Strength of Material Lab	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
3	Concrete Technology Lab & Maintenance and Repairs of Structures	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms

4	Computer- Aided Drawing Lab	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
5	Hydraulics Lab	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
6	Environmental Engineering Lab	20- 25	C Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
7	Geotechnical Engineering Lab and Highway Engineering	20- 25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms
8	Building Construction and Material Lab	20-25	Workshop Building	66	Work Table, Stools, Staff Table & Chair, Notice board	As per norms

B. Quality of Labs/workshop (20)

Institute Marks

20.00

6.1.1 Quality of Labs/workshop (20)

Civil Engineering department has well equipped Laboratories and other necessary infrastructure and eligible technical manpower support to meet curriculum requirements. The details are as shown below.

- Laboratories are given more importance than theoretical class work because the students are doing all the application oriented practical.

- Each lab is provided with separate faculty in-charge and adequate facilities.
- For every Lab, the cleanliness and effectiveness are maintained.
- The safety measures like, first aid boxes, and fire extinguisher, are maintained periodically.
- Students are strictly instructed to wear shoes and uniform.

The display boards like DO’s and DONT’s, List of experiments, Relevant Scientist information, SOP

Table No: 6.2.3 Availability of adequate laboratories and technical manpower.

Sr. No	Name of Laboratory	No of Studen ts (Batch Size)	Name of the Important Equipment Costing More Than Rs.30000	Weekly Utilizat ion Status (All the Courses for Which Lab Is Utilized)	Area of Lab in Sq. m	Technical Man Power Support		
						Name of the Technical Staff	Design ation	Qualificatio n
	Surveying Lab	20 -25	Total Station, Electronic Theodolite	Odd sem – 12 Hrs Even Sem- 12 Hrs. (Per Week as per T-E Scheme)		Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering

1					66			
2	Strength of Material Lab	20 -25	Universal Testing Machine (UTM)– 400/600 kN, Torsion Testing Machine, Impact Testing Machine	Odd sem – 08 Hrs. Even sem - 02 Hrs. (Per Week as per T-E Scheme)	66	Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering
3	Concrete Technology Lab & Maintenance and Repairs of Structures	20 -25	Compression Testing Machine (CTM), Rebound Hammer Test Set, Concrete Mixer (Laboratory Type), Concrete Vibrating Table	Odd Sem– 06 Even Sem- 22 Hrs. (Per Week as per T-E Scheme)	66	Mr. Bidare R.M	Technical Lab Assistant	Bsc Bed
4	Computer-Aided Drawing Lab	20 -25		Odd Sem– 12 Hrs Even Sem- 12 Hrs. (Per Week as per T-E Scheme)	66	Mr.Shendage S.A	Technical Lab Assistant	Diploma in CSE
5	Hydraulics Lab	20 -25	Bernoullis Theorem Apparatus Flow over Notches Apparatus	Odd Sem – 4 Hrs. Even Sem - 4 Hrs. (Per Week as per T-E Scheme)	66	Mr. Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering

6	Environmental Engineering Lab	20 -25	Jar Test Apparatus, BOD Incubator, COD Digester with Reactor, Spectrophotometer, pH Meter.	Odd Sem– 4 Hrs Even Sem - 4 Hrs. (Per Week as per T-E Scheme)	66	Mr. Bidare R.M	Technical Lab Assistant	Bsc Bed
7	Geotechnical Engineering Lab and Highway Engineering.	20-25	Direct Shear Test Apparatus, California Bearing Ratio (CBR) Test Machine, Triaxial Shear Test Apparatus,	Odd Sem– 4 Hrs Even Sem - 4 Hrs. (Per Week as per T-E Scheme)		Mr.Shendage S.A	Technical Lab Assistant	Diploma in CSE
8	Building Construction and Material Lab	20-25	All Models	Odd Sem– 4 Hrs Even Sem - 4 Hrs. (Per Week as per T-E Scheme)		Mr. Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering

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

Institute Marks

10.00

C. Technical Manpower Support – Eligible and Adequate

Table 6.2.4: Availability of eligible and adequate technical manpower

Sr. No.	LAB	Faculty In-charge Details		Technical Manpower Support		
		Name	Designation	Name	Designation	Qualification
1	Surveying Lab	Mr. Lokhande L.U	Lecturer In Civil Engineering	Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering
2	Strength of Material Lab	Mr. Gade S.P	Lecturer In Civil Engineering	Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering
3	Concrete Technology Lab & Maintenance and Repairs of Structures	Mr. Devkate	Lecturer In Civil Engineering	Mr. Bidare R.M	Technical Lab Assistant	Bsc Bed
4	Computer-Aided Drawing Lab	Mr. Lokhande P.H	Lecturer In Civil Engineering	Mr.Shendage S.A	Technical Lab Assistant	Diploma in CSE
5	Hydraulics Lab	Mr. Sawant V.V	Lecturer In Civil Engineering	Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil Engineering
6	Environmental Engineering Lab	Mr. Lokhande L.U	Lecturer In Civil Engineering	Mr. Bidare R.M	Technical Lab Assistant	Bsc Bed
7	Geotechnical Engineering Lab and Highway Engineering.	Mrs. Tilekar K.V	Lecturer In Civil Engineering	Mr.Shendage S.A	Technical Lab Assistant	Diploma in CSE
8	Building Construction and Material Lab	Mrs. Tilekar K.V	Lecturer In Civil Engineering	Mr.Kshirsagar A.B	Technical Lab Assistant	Diploma in Civil 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	Strength of Matei	20	Universal Testing	6 hrs/week	Mr. Kshirsagar A.	Lab Assistant	Diploma
2	Geotechnical Lak	20	Direct shear test,	6 hrs/week	Mr. Shendage S..	Lab Assistant	Diploma
3	Concrete Techno	20	LOS angeles abr	6 hrs/week	Mr. Bidare R.M	Lab Assistant	Bsc.Bed
4	Environmental Ei	20	BOD incubator	4 hrs/week	Mr. Bidare R.M	Lab Assistant	Bsc.Bed
5	Surveying Lab	20	Total station	8 hrs/week	Mr. Kshirsagar A.	Lab Assistant	Diploma
6	Highway Enginee	20	Marshall Stability	4 hrs/week	Mr. Shendage S..	Lab Assistant	Diploma
7	Engineering Mec	20	Beam Reaction A	8 hrs/week	Mr. Kshirsagar A.	Lab Assistant	Diploma
8	Hydraulics Lab	20	Bernoulli's Theori	4 hrs/week	Mr. Kshirsagar A.	Lab Assistant	Diploma
9	CAD Lab	20	computer (cpu,rr	10 hrs/week	Mr. Shendage S..	Lab Assistant	Diploma
10	Building Construc	20	-	4 hrs/week	Mr. Kshirsagar A.	Lab Assistant	Diploma
11	Maintenance and	20	Rebound Hamme	4 hrs/week	Mr. Bidare R.M	Lab Assistant	Diploma

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

6.3 Additional facilities created for improving the quality of learning experience in laboratories

6.1.1 Facilities

- 1. Department Library
- 2. LCD Projector
- 3. Digital Library
- 4. Models
- 5. Reference Lab Manuals/ Journals
- 6. Charts/Graphics
- 7. Presentation and seminars
- 8. Training and Workshops
- 9. Knowledge Wall
- 10. Practical Video
- 11. Smart Boards
- 12. Internet Facility
- 13. Open-Source Software

B. Effective Utilization (5)

Institute Marks

5.00

6.1.2 Effective Utilization

Sr. No	Facility Name	Details	Reasons for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1.	Department Library	1. Project reports. 2. Specimen copies of books. 3. Specimen copies Manuals. 4. Seminar	To get more knowledge using reference books and textbooks	Issue books to Students Used By Students/ Faculty - Students can easy access the reference	All courses in curriculum (Self-learning, project work, paper presentation, seminars etc.)	PO1, PO2, PO6, PO7, PSO1
		Report 5.Reference Journal Paper		material		
2.	LCD Projector	LCD Projector	Presentation, Seminar, Project, Guest Lecture etc.	Presentation, Seminar, Project, Guest Lecture etc.	Lifelong skill development and technology relevant	PO6, PO7, PSO1
3.	Digital Library	QR codes for E content, E-Books, E-Magazines, NPTEL Video lectures by Expert from IITs and NITs	1. Student will get access to the maximum reference Books 2. Student will remain engaged in independent & life-long learning in context of technological changes	Throughout the semester Students access the e-Books on PCs available	Courses in curriculum and beyond curriculum	PO1, PO2, PO3, PO7, PSO1

			To know the recent trend in science and Technology			
4	Models	Models of Electrical related subjects are kept in lab	To give better understanding of subject	Faculty Students can easy access the models	All courses in electrical engineering curriculum	PO1, PO2, PO4, PO7, PSO2, PSO3
5	Reference Lab Manuals	Standard Lab Manual for performing Experiment	To correlate the concepts and experimental aspects	Effective understanding of the experiments according to the setup	All courses in electrical engineering curriculum	PO1, PO2, PSO1
6	Charts	Subjective charts are available for learning	To convey message effectively by visual display	Charts give clear Idea of the machines/Som e Important Concepts	All courses in electrical engineering curriculum	PO1, PO2, PO3, PO4, PO7, PSO1, PSO2

7	Presentation and seminars	Project work, paper presentation, seminars etc.	To enhance presentation and communication skills. To make them think independently. To apply integrated program knowledge and translate it in to innovative and creative ideas in the form of working models	Technical Events & Subject Seminars	Presentation of creative and innovative ideas. Also enhance confidence level	PO1, PO2, PO3, PO4, PO6, PO7, PSO1
8	Training and Workshops	Industrial Training / Vocational Training	To create awareness and exposure towards current trends in engineering and to fulfill the gap identified in program curriculum.	Students get expo-sure to current and new trends in technology. And the gaps in program curriculum fulfilled.	Changing trends in technology and curriculum gaps	PO1, PO6, PO7, PSO2, PSO3
9	Knowledge Wall	Course objectives and course outcomes of subject	Students get more information About subject.	36 hrs.	Course competency and career path	All POs and PSOs

10	Practical Video	Demonstration through video for understanding practical outcome in better way of important points.	Understandings of practical becomes more easier by virtual learning.	36 hrs.	Course competency	All POs and PSOs
11	Smart Boards	IFPD 75-inch with 8 GB RAM, 128 GB storage, Android 13	For Well Understanding the concepts -with videos, animations, PPT explanation & lecture conduction.	36 hrs.	Course competency	All POs and PSOs
12	Internet Facility	Free Internet Access For Students	Gathering Information	36 hrs.	Course competency and career path	All POs and PSOs
13	Open-Source Software	Auto CAD (Civil), Keiluvision, Flash magic, Scilab	Students can get knowledge of design tools.	36 hrs.	Course competency in Computer Aided Drawing.	PO1, PO2, PO3, PO5, PO6, PO7, PSO2, PSO3

C. Relevance to POs/PSOs (5)

Institute Marks

C. Relevance to POs / PSOs (5)

Sr. No	Facility Name	Details	Relevance to POs/PSOs
1.	Department Library	PO1, PO2, PO6, PO7	PSO1
2.	LCD Projector	PO6, PO7	PSO1
3.	Digital Library	PO1, PO2, PO3, PO7	PSO1
4	Models	PO1, PO2, PO4, PO7	PSO2, PSO3
5	Reference Lab Manuals	PO1, PO2	PSO1
6	Charts	PO1, PO2, PO3, PO4, PO7	PSO1, PSO2
7	Presentation and seminars	PO1, PO2, PO3, PO4, PO6, PO7	PSO1
8	Training and Workshops	PO1, PO6, PO7	PSO2, PSO3

9	Knowledge Wall	All POs	All PSOs
10	Practical Video	All POs	All PSOs
11	Smart Boards	All POs	All PSOs
12	Internet Facility	All POs	All PSOs
13	Open-Source Software	PO1, PO2, PO3, PO5, PO6, PO7	PSO2, PSO3

.....

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Department library	Reference books	Easy access to literature	Throughout semester	Course competency, project work	All PO & PSO1, f
2	Digital learning resources	NPTEL, e-books, etc.	Exposure to latest technologies	Information access	Self-learning and conceptual understanding	All PO & PSO1, f
3	Internet Facility	Online resources	Gathering Information	Information access	Information access	All PO & PSO1, f
4	Lab Manual	Standard experiments	Uniform experiments	All practical sessions	Accuracy and skills	All PO & PSO1, f
5	ICT tools	Projector, smart board	Better visualization	All theory and lab sessions	Conceptual understanding	All PO & PSO1, f
6	Civil models	Structural and foundation models	Visualization of concepts	During labs and projects	Design understanding	All PO & PSO1, f
7	Charts and posters	Mix design, tests	Visual learning	Regular	Retention of concepts	All PO & PSO1, f

8	Seminar & prese	Project, seminar	Communication s	Each semester	Professional skills	All PO & PSO1, f
9	Industry interacti	Site visits and tra	Practical exposur	As per academic	Industry readiness	All PO & PSO1, f

6.4 Laboratories: Maintenance and overall ambience (10)

Total Marks 10.00

Institute Marks

10.00

6.4 Laboratories: maintenance and overall ambience

6.1Laboratories: Maintenance and overall ambience (10)

Regular maintenance is done by lab technicians of the laboratory of Civil Engineering. Whenever any financial assistance for repair and maintenance of lab equipment’s is required, then principal provide the same.

Description:
C:\Users\HODElectricalDept\AppData\Local\Microsoft\Windows\INetCache\C

Fig. 6.1 Flowchart of Maintenance process

A.Maintenance:

- At the end of semester and prior to commencement of semester each laboratory is verified for the working or not working status of each equipment.
- The list of equipment is prepared which need maintenance.
- In house maintenance is tried for equipment setups under maintenance.
- The equipment apart from in house maintenance needs maintenance from professional agencies or external vendors.
- The proposal is prepared for maintenance of such equipment.
- After approval of proposal, maintenance work is carried out until it works.
- Throughout semester the preventive maintenance is carried out for all the equipment.
- In every semester the maintenance process is repeated.

B.Overall Ambience:

- All laboratories are well equipped as per AICTE norms.
- All laboratories are finished with required infrastructure.
- All laboratories have sufficient light and excellent ventilation.
- The layout of laboratory is well designed to accommodate all activities in laboratories.
- Cleaning maintained in all laboratories.
- Fire Extinguisher and safety facilities are provided at required location of laboratories.
- Labs are provided with various charts which are self-explanatory and few charts are prepared by students.

Instructions followed to maintain status of laboratories.

- The minor repairs are carried out by laboratory assistants and lab in charge faculty and Major repairs are out sourced.
- For each laboratory, rules are defined to maintain status and these are strictly followed.
- Consumable in laboratories are properly stored and utilized.

6.5 Availability of computing facility in the department (10)**Total Marks 10.00**

Institute Marks

10.00

Sr. No	No Of Computer terminals	Students Computer Ratio	Details of Legal Software	Details of Networking	Details of Printers, Scanners etc.
1	20	1:5	AutoCAD, MS-Of	LAN / Wi-Fi Netw	Printer, Scanner

6.6 Language lab (10)

Total Marks 10.00

Institute Marks

10.00

6.1 Language lab (10)

Centralized language lab at institute level is provided with required equipment's, supporting staff, educational material for conducting practical's of courses communication skills (English) & Professional Communication. The language laboratory supports outcome-based education by enhancing students' oral and written communication abilities required for higher education, industrial training, placement activities, seminars, presentations, and professional interactions

Table 6.6.1- Details of Institute Language Lab.

Language Laboratory	Number of Computer	Details of Software used	Types of Experiments	Details of Networking	Guidance Available
Available 66 sq.m	20 + 1	1. Window 10 2. 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 - 21	Faculty members are involved in helping students to use the lab.

No. of Computers	Student Computer Ratio	No. of Hours Per Week	Beneficiaries
21	10:1	10 hours	All Students

Aims and Objectives

- To help students improve their speaking and writing skills in English.
- To increase students confidence in public speaking and reduce stage fear.
- To provide learning materials and activities for developing communication and professional skills.

Language Laboratory Equipment Details :

The Language Laboratory is equipped with 21 computers with internet access and a Digital LAN-Based Interactive Language Lab using Biyani Software. Headphones are provided for all computers to support listening and speaking activities. The laboratory helps students improve their communication, pronunciation, and presentation skills. The available facilities are adequate to meet the curriculum requirement

Table 6.6.2: Language Laboratory Equipment Details

Sr. No.	Particular	Details
1	PCs	21
2	Digital LAN Based Interactive Language Lab with Biyani Software	01
3	Headphone	21
4	Internet access	For all PCs

Details of Learning Resources : **Following table shows details of skills enhanced.**

Table 6.6.3: Language Laboratory Learning Resources

Sr. No.	Skills	Learning resource
1	Listening	
2	Speaking	
3	Reading	
4	Writing	

5	Vocabulary	Biyani Language lab software
6	English Grammar	
7	Phonetics	

English Language Websites Access:

The following English language related websites can be accessed to learn.

- www.englishpractice.com/grammar
- www.talkenglish.com
- www.cambridgeenglish.org
- www.effortlessenglish.libsyn.com

Activities Conducted:

Table 6.6.4: Language Laboratory Activities

Sr. No.	Activity conducted	Details
1.	Power point presentation	Team & Individual
2.	Role play	Team
3.	Letter writing	Individual
4.	Resume writing	Individual
5.	Sentences using correct grammar	Individual

6.	Word Pronunciation	Individual
7.	Dialogue writing	Team
8.	Vocabulary building	Team & Individual
9.	Non-verbal communication	Team & Individual
10.	Case study	Individual
11.	Scriptwriting	Individual
12.	Application of Grammar Tests	Individual

7 CONTINOUS 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	2.49	1.72	Attainment is 69.08% 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: Chapter wise class test
 Action 4. Assignments is given to assess the performance of students.

PO 2 : Problem analysis

PO 2	2.18	1.61	Attainment is 73.85 % of target value. It is found that students find it difficult to correlate theory with practical and interpret the results in Practical based subjects like Geotechnical Engineering, Surveying &   
Action 1. Solved problems in previous years question papers. Action 2. Subject teacher explains the students the relation between theory and practical. Action 3. For simple topics and experiments, the students are encouraged to explain the relation. Action 4. Expert lectures are arranged and conducted.			

PO 3 : Design/ development of solutions

PO 3	1.91	1.56	Attainment is 81.68 % of target value. The ability to analyze and identify the engineering problems are inadequate hence students find it difficult to propose solution for an engineering   
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 microproject to students.			

PO 4 : Engineering Tools, Experimentation and Testing

PO 4	1.66	1.33	Attainment is 80.12 % of target value. Students are facing difficulties in handling instruments used in domain related courses. Experimentation & testing needs additional   
Action 1. Students are introduced to different Fluid,soil, surveying & Machinery in laboratory Action2: Organize practical, hands-on workshops where students can gain direct experience in using instruments under the guidance of instructors. Action 3: Additional practical classes are conducted for the students to analyses technical issues.			

PO 5 : Engineering practices for society, sustainability and environment

PO 5	1.62	1.34	Attainment is 82.72% of target value. Almost target level is achieved. Inadequate Students need to relate engineering knowledge to solve societal problems and   
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	1.58	1.26	Attainment is 79.75% of target value. Students are facing difficulties in communication, presentation skill, Planning, allocating responsibilities and setting timelines to meet goals and management   
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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	1.51	1.23	Attainment is 81.46% 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.
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Action 1: Awareness on latest technologies and trends are created through expert lectures, workshops and Industrial visits.
 Action 2: Motivation in classrooms were given with motivational videos and stories.
 Action 3: Students are encouraged to participate in various technical competitions and events.

PSOs Attainment Levels and Actions for Improvement- (2024-25)

PSOs	Target Level	Attainment Level	Observations
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PSO 1 : Planning, Drawing & Design:- Make plan, design & drawings for various Civil engineering structures.

PSO 1	2.03	1.51	Attainment is 74.38% of target value.Construction planning and designing perform optimal civil engineering construction,planning and designing activities of desired quality at optimum cost.
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Action 1: Students Practical Knowledge training Programs arranged.
 Action 2: Expert talk arranged on how to maintain various types Planing Designing of Construction work.
 Action 3: Industrial visits are arranged to learn actual Construction Work.

PSO 2 : Surveying: - Conduct Survey for Civil Engineering Project.

PSO 2	1.68	1.21	Attainment is 72.02% of target value. construction Execution and Maintenance. Execute civil Engineering construction and maintenance Conduct various survey of land by using various survey Instruments.
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Action 1: Motivate students for in-plant training & industry Sponsored
 Action 2: Students encouraged to do better.
 Action 3: Industry person made available for students.

PSO 3 : Construction Execution and Maintenance: - Execute civil engineering construction and maintenance using relevant materials and equipment

PSO 3	1.75	1.23	Attainment is 70.28% Construction Execution & Maintenance : Execute Civil engineering construction & maintenance using relevant material & equipment.
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Action 1: Industrial visits are arranged to learn actual Construction Work. Action 2: Students Practical Knowledge training Programs arranged. Action 3: Students encouraged to do better.
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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)	0.03	0.02	0.09

7.3 Improvement in Placement and Higher Studies (10)

Total Marks 10.00

Institute Marks

10.00

Items	Latest Passed out Batch (2022-23)	Latest Passed out Batch minus 1 (2021-22)	Latest Passed out Batch minus 2 (2020-21)
Placement Index (from 4.6)	1.11	0.85	0.85

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)
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Academic Performance Index (from 4.3)	5.32	1.32	1.32
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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	02	02	02

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	05	04	04

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 (10)
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- 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.





Departmental First year Induction program

1.Type of Mentoring: Teacher Guardian/Mentor:

- The Institute has understood the delicacy and unique importance of Communication between Teacher and Parents.
- It is experienced that many problems can be solved by direct interaction between Teacher-Students.
- The students after passing tenth class examination are exposed to professional education atmosphere where they may face lot of academic and other difficulties. At this stage they need a proper guidance and help. Hence, a unique scheme referred as mentoring scheme is started in this Institute. Also a class teacher is assigned to each class so that students can approach that particular faculty for guidance and any assistance they need. They are also responsible for solving academic and other problems faced by the student.
- The institute also provides Faculty mentors for six weeks industrial training for students after fourth semester according to I scheme.

Functions:

1. Accept difficulties from the students through Class Representative.
2. Categories the difficulties and arrange counseling / professional guidance in order to solve difficulties.

Class representative:

A class representative is nominated from each class. This class representative act as a class mentor and students difficulties/problems related to academics or facilities are directly reported to teacher guardian/parent teacher through class mentor.

Functions:

1. Identification of difficulties and recording the same.
2. Passing the difficulties of student to teacher guardian for further action.

No. Of the Mentor/ Faculty	Students to be mentored	Frequency of meeting	Type of mentoring
Approximately 05 to 14.	Batch wise approximately 25 students	Approximately two times per semester	1. One to one contact 2. Academic difficulties 3. Personal difficulties. 4. Social difficulties.

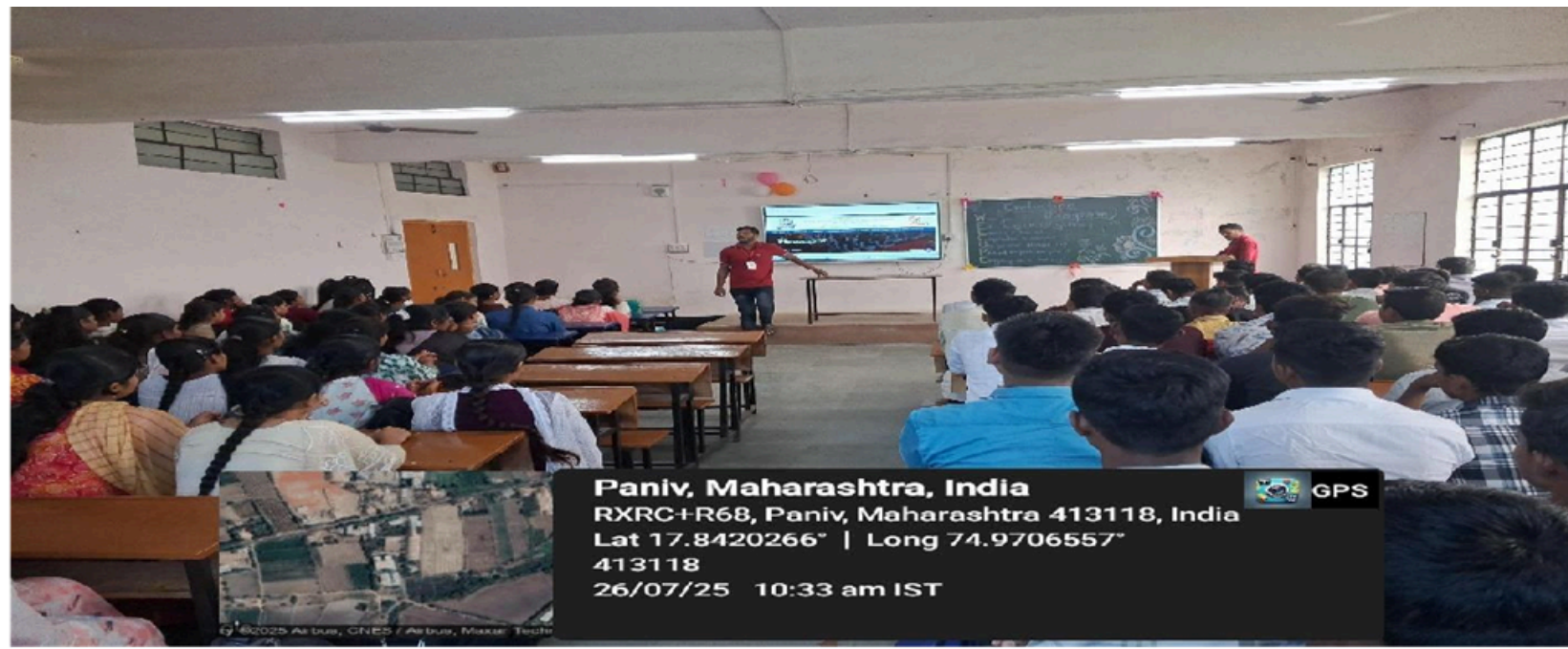
2: Professional Guidance:

The departments have dedicated knowledgeable, professional faculty members as useful Human resource who offers guidance to the students in addition to the classroom teaching for professional development.



3: Career Advancement

Every staff members are entrusted for providing the facilities to the students for successful completion of the diploma and exchange the various information and opportunities for their career advancement.



4: Course work /Laboratory specific

Every staff members encourage the students for completing the course /Laboratory work within stipulated period. The difficulties/ problems are solved by direct interaction.

5. All round development:

Students are encouraged not only in curricular activities but also for cocurricular activities for all round development. Various events like sports, social gathering, event management programmes are arranged by Gymkhana. Expert talks of the renowned personalities motivate the students for all round development.







Tree plantation



Yoga & Meditation

8.2 Feedback analysis and reward/ corrective measures taken, if any (10)**Total Marks 10.00**

Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.

A. Methodology being followed for feedback collection, analysis and its effectiveness (5)**Institute Marks**

5.00

A. 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. Record Of corrective measures taken(05)

1. Feedback collected for all courses: YES

2. Feedback collection Process:

Course Feedback

a. Course feedback is collected from students at the end of each semester at the departmental level.

b. Feedback Form D14 /K15, 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. Average percentage of the students who participate:

Although due care is taken to ensure maximum student participation in the feedback process, the actual participation typically ranges between 10% and 50% of students.

4. Feedback analysis process :

The feedback is analyzed by the internal committee. Faculty performance is also evaluated based on students' academic results through a detailed result analysis conducted after the declaration of each semester's results. The strengths and areas for improvement of each faculty member are identified and formally communicated to the respective faculty for further enhancement.

5. Basis of Reward/corrective Measures, if Any

The feedback is communicated to each staff member for review and necessary action. Based on the feedback received, faculty members address identified weaknesses and take appropriate measures to enhance the Teaching–Learning Process. Faculty are also deputed to attend content updating programmes and professional development activities to further strengthen their academic effectiveness.

Positive course feedback is duly considered in the performance appraisal process by the reporting officer. The appraisal remarks serve as supportive documentation for faculty members in their Career Advancement Scheme (CAS).

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

Specimen feedback form of Civil Engineering department



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv (0994)
Tal- Malshiras, Dist:- Solapur, Pin Code- 413113
Civil Engineering Dept.

Email Id:-civil00994@gmail.com

Mobile Number: 7709290994

Academic Year - 2024-25

Program :- Civil Engineering

Semester :- Fifth

Date of Feedback :- 13/11/24

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 (Lowest & 5- Highest)	Course & Code	WATER RESOURCE ENGINEERING - 22501	DESIGN OF STEEL AND R.C.C STRUCTURE - 22502	ESTIMATING AND COSTING - 22503	PUBLIC HEALTH ENGINEERING - 22504	TRAFFIC ENGINEERING - 22507	INDUSTRIAL TRAINING - 22057	CAPSTONE PROJECT PLANNING - 22058
		Name of Faculty	MR. SAWANT V.V	MS. BHUTE S.D	MR. PAWAR A.M	MR. KHANDAGALE S.P	MR. DEVKARE R.A	MR. SAWANT V.V	MR. ZANJE N.V
1.	Knowledge base of the faculty		5	5	4	5	3	5	3
2.	Presentation and Communication skills		3	4	3	4	4	4	5
3.	Sincerity / dedication of the faculty		4	3	5	3	5	3	4
4.	Availability of the Faculty in and out of the class to resolve problems.		4	3	5	5	3	4	5
5.	Effective use of teaching aids.		3	4	4	4	5	5	4
6.	Relevance of course material		5	5	5	3	4	4	3
7.	Ability to assimilate course material with environment / other issues		3	5	3	5	5	3	5
8.	Clarity in assesment and evaluation		5	4	4	4	4	5	4
9.	Exam oriented remedial coaching		4	3	5	3	3	4	5
10.	Guidance and counselling about higher education/ placement/ careers.		3	4	3	5	5	3	3

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

Civil Engineering Dept.

Academic Year 2022- 2023

ACTION TAKEN REPORT

Ref No SSS/SIET/2025- 26/

Date: - 13/10/2025

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

Subject- Improvement in Academic performance based on student feedback.

DearMr. Shaikh. J. H.....you teachBasic Science (311305)..... this
Course for the First Semester in academic year2025-26

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 development that may assist you moving forward.

Your commitment and effort as an educator are valued, and this feedback should be seen as part of an ongoing process of growth and improvement. Please feel free to reach out if you would like to discuss this further or require any support.

Special Note:

.....*Improve clarity in assessment*.....

Regards,



Shriram Shikshan Sanstha's
Shriram Institute of Engineering & Technology (Polytechnic), Paniv (0994)
Tal :- Malshiras, Dist :- Solapur, Pin Code- 413113

Civil Engineering Dept.

Academic Year 202 - 202

APPRECIATION LETTER

Ref No SSS/SIET/2023- 2 4/

Date: - 10/11/2023

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

Subject: Commendation for Excellence.

Dear ..Mr...Devakate...Sir.,

I am writing to formally express my appreciation for your outstanding contributions to the subject ...Concrete Technology.....- 22305.....(Third)..... at Civil 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

8. Feedback on Facilities (5)

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

- Classrooms and laboratory infrastructure
- Availability of CCTV
- Availability of Ladies Room
- Availability of Boys room
- Computer/Internet facility
- Classroom ambience
- Water cooler
- Workshop
- Library
- TPO Cell
- Hostel
- Internet facility
- ATM
- Seminar Hall
- Smart Interactive Board
- Canteen Services
- fire extinguisher
- Medical and first-aid services
- Campus cleanliness and maintenance



Classrooms and laboratory infrastructure



Reading Hall



COLLEGE - LIBRARY



Girls-Hostel-1



Girls-Hostel-2



Boys-Hostel-Building



Hostel-Waiting-room-1



Sport-Ground-1



Sport-Ground-2



Hostel-Mess-1



Hostel-Reading Room



Language Lab



Maharashtra State Board Of Technical Education, Mumbai

Shriram Shikshan Sanstha's

SHRIRAM INSTITUTE OF ENGINEERING & TECHNOLOGY (POLYTECHNIC), PANIV

Program : ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Student Overall Facility Feedback

Name of the Student:- _____ Semester:- _____

Name of the Program:- _____ Enrollment No:- _____

Email id: _____ Contact No: _____ Academic Year: _____

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.

Total Mark: 110(Excellent: 99-110, Very Good: 88-98, Good:66-87, Average: 44-65, Poor: below 44)

Sr. No.	Particulars		Rating
1a	Library	Physical infrastructure of the college Library	
1b		Collection of books, journals and reading material of the college Library	
1c		Support and assistance of the Library Staff	
2a	Laboratories	Infrastructure of the Practical Labs	
2b		Availability of Equipments and Apparatus in laboratories	
2c		Support and assistance of the Staff at Lab	
2d		Ability to resolve your problems by staff.	
3a	Sports	Avalibility of Ground for various sports	
3b		Amenities and Assistance provided at the college Sports ground	
4	Workshop		
5	Hostel		
6	Support and assistance of the college Office Staff.		
7	Fulfilling the duties and responsibilities of Complaint Redressal committees, Discipline committee in the college		
8	Availability of canteen, drinking water, toilet facility		

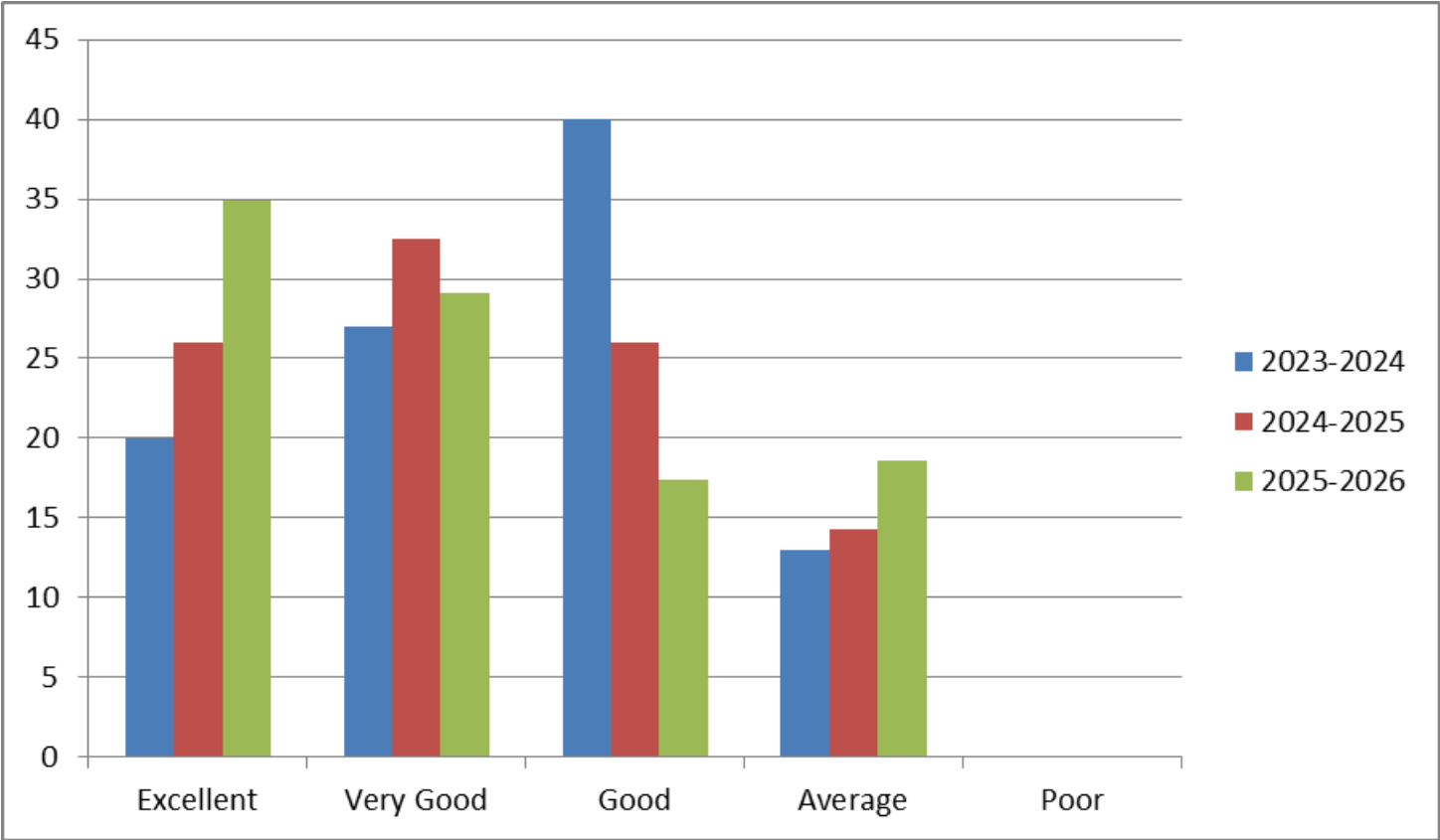
9	Class room ambiance and availability of adequate benches	
10	Internet facility	
11	Cleanliness	
12	Availability of CCTV	
13	Availability of Girls Common Room.	
14	Availability of Boys Common room	
15	TPO Cell	
16	Campus	
Total		

Overall Suggestion:-

Feedback form of Civil Engineering department

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.



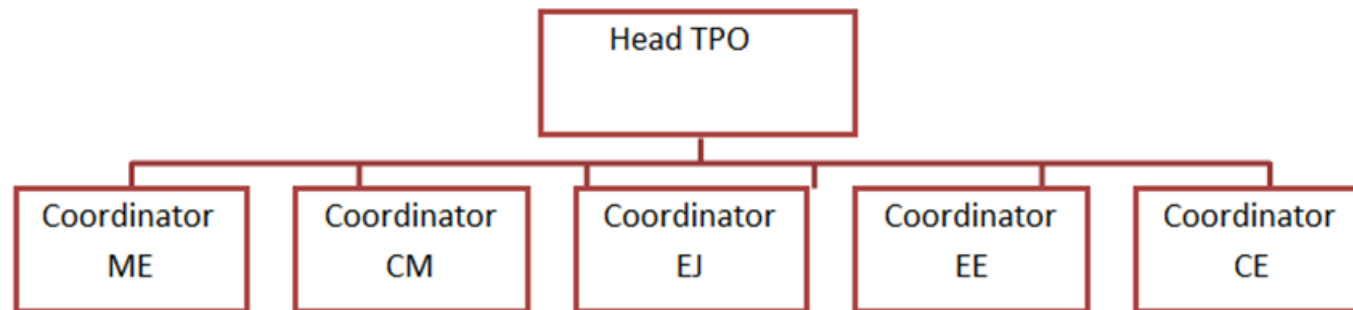
Graph of Facility Analysis

8.4 Career Guidance, Training, Placement (20)

Total Marks 20.00

Institute Marks

20.00

8.4 CAREER GUIDANCE, TRAINING, PLACEMENT (20)**Organizational Chart****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.

**Personality Development program**

Mr. Yashwant Shitole (chief guest of the programme) shares their thoughts with the students.



Dr. Sanjay Kalamkar (chief guest of the programme) shares their thoughts with the students. Personality Development program



Career guidance 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

A. Effectiveness (05)

Placement Data of Civil Engineering Department students

Sr. No	Year	Name of Industry	No. of students selected
01	2025-26	Patil Construction, Sangali	02
02	2024-25	Shinde Associates Akulj	02
		Chaitnya Associates Akulj.	02
		Patil Construction Sangali	01
03	2023-24	Shinde Associates Akulj	06
		Chaitnya Associates Akulj	07
		Patil Construction Sangali	06
04	2022-23	Shinde Associates Akulj	06
	22-23	Chaitnya Associates Akulj	10
	22-23	Patil Construction Sangali	08

Following table indicates various activities undertaken by the Civil Engineering department for carrier guidance

Sr No.	Topic	Date	Resource person	No of students present
1	Skill Development program.	26/09/2022 to 27/09/2022	Mr. Vishwas Keadri.	115
2	Career guidance after diploma	21/02/2023	Dr.Sardeshmukh M.D (HOD E&TC Dept.JSPM Narhe, Pune)	96

3	Career guidance program on use of AI in civil engineering	04/09/2025	Mrs. Priyanka Gitte & Mr.Shushant Gitte	70
4	Career guidance program on Building Material & Construction	3/10/2026	Mr. Kulthe Sachinkumar N. (Sachita Prtishthan Baramati)	97

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
			Industrial	
			Visit,	

		Water Treatment plantVizori	Industrial Training, and other activities as mutually	2022-23
			agreed	
			Industrial	
			Visit,	
1	Civil Engineering	Ujjani dam, Bhimanagar	Industrial Training, and other activities as mutually	2022-23
			agreed	
			Industrial	
		J.M.Mhatre Infra Pvt.Ltd	Visit,	
			Industrial	2022-23
			Training, and	
			other activities	
			as mutually	
			agreed	

		Water Treatment Vizori	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-24
		Ujjani Dam, Bhimanagar	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-24
		Bridge And Road Construction , Mandave	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-24
		Railway Station Kurduwadi.	Industrial Visit, Industrial Training, and other activities as mutually agreed	2023-24
	Civil Engineering			
		Water Treatment Plant	Industrial Visit, Industrial Training, and other activities as mutually agreed	2024-2025

	Civil Engineering	Ujjani Dam	Industrial Visit, Industrial Training, and other activities as mutually agreed	2024-2025
		RMC Plant	Industrial Visit, Industrial Training, and other activities as mutually agreed	2024-2025
	Civil Engineering	Railway Station Kurduwadi	Industrial Visit, Industrial Training, and other activities as mutually agreed	2024-2025
	Civil Engineering	Field Visit At RMC Plant	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025-26
		Highway Engineering Visit Goradwadi	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025-26
		Advanced surveying Total station	Industrial Visit, Industrial Training, and other activities	

		as mutually agreed	2025-26
	Railway Engineering Visit Kurduwadi	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025-26
	Water Treatment Plant	Industrial Visit, Industrial Training, and other activities as mutually agreed	2025-26

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.







The banner features a blue sky background with clouds. On the left, there is a rocket launching over a bar chart, a target with an arrow, and stacks of gold coins. On the right, a speaker stands at a podium with a microphone, addressing an audience represented by silhouettes. A glowing lightbulb is positioned above the speaker. The background also includes a faint city skyline.

 **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 Concept & Only) by, Mr. Nagesh Kokare	PO1, PO5, PO7	Historical background-Indian values vis-a-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. Rajshankar Shinde	PO1, PO5, PO7	Role of Bank & other Financial Agency by, Mr. Rajshankar 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

3 rd 18.03.2026	Financial Aspects of SSI unit including salient features of a project report (Project, Report Writing & sanction of Project. by, Mr. Nagesh Kokare	PO2, PO3, PO6	Financial Aspects of SSI unit / 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	PO3, PO6, PO7









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 (02)

S.I.E.T Polytechnic has well established organizational structure to execute smooth functioning of administrative and academic processes. The organization chart is comprised of several formulated bodies. Comprising members of the management, Principal, and nominated faculty members, the governing body serves as the highest decision-making body in the organization .College Development Committee Comprises representatives of members of society, Principal. The Principal, Heads of the Departments and coordinators of various committees actively participate in decision-making processes related to both academic and administrative matters within their purview. Members of Governing body, College development committee, ICIU and institute level committees are shown in the tables below:

The institute has well established organizational structure to execute administrative and academic functions. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members

Table No. 9.1.2.1 List of Governing Body

Sr.No.	Committee Members	Designation	Appointed as

1	Mr. Patil Prakash Shamrao	Chairman	Nominated By Management
2	Mr. Patil Karan Prakash	Member	Nominated By Management
3	Adv. Patil Abhishek Prakash	Member	Nominated By Management
4	Mrs. Patil Shrilekha Prakash	Member	Nominated By Management
5	AICTE Nominee, Mumbai	Ex-Officio Member	AICTE Representative
6	Registrar DBATU University Lonere	Ex-Officio Member	DBATU University Representative
7	Deputy Secretary MSBTE Regional Office Pune	Ex-Officio Member	MSBTE Representative
8	Joint Director DTE Regional Office Pune	Ex-Officio Member	DTE Representative
9	Mr. Babar Vinod Vishnu	Member	Academician Representative
10	Mr. Dhainje Prakash Bhagwan	Ex-Officio Member & Secretary	Principal of Our Institute
11	Mr. Tamboli Shabbir Ismail	Member	Faculty Representative

Functions of Governing body**i. Vision, Mission and policy planning**

Governing body ensures:

- Institute draws correct vision for fulfilment of objectives of institute.
- Institutes mission, which indicates action plan to achieve the vision.
- Strategies of different work.

ii. Finance

Governing body has prime role to concern financial matters to:

- Approve the income and expenditure of the institute as per strategic plan.
- Ensures the provided funds are adequate and managed in accordance.

iii. Risk assessment and Management

Governing body surveys sanction plans and identifies risk parameters of the institute.

-
- Governing body is responsible for management of risks

B. Minutes of the meetings and action-taken reports (01)

Table No.9.1.2.2 Minutes of the meetings and action-taken reports of Governing Body

Sr. No.	Date of meeting	Main points discussed	Action taken
1	05/06/2023	Reading and Confirmation of the Minutes of the Previous BOG Meeting Review of Action Taken Report on the Resolutions of the Previous BOG Meeting Review of Institutional Development and Strategic Initiatives Review of Admission Process Academic Planning and Quality Enhancement for the Upcoming Semester	Approved all together

		Review of Infrastructure Development and Laboratory Facilities Student Support, Welfare, Training, and Placement Activities Financial Planning, Budget Approval, and Utilization of Funds Any Other Item with the Permission of the Chair	
2	10/01/2024	Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting Review of Action Taken Report on the Resolutions of the Previous BOG Meeting Review of Examination Preparation and Results Analysis Review of Student Feedback and Quality Improvement Measures Review of Industry Collaboration, Training, and Institutional Partnerships Review regarding the Purchase of Required Materials for NBA Accreditation Any Other Item with the Permission of the Chair	

Approved all
together

3	08/06/2024	Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting Review of Action Taken Report (ATR) on the Resolutions of the Previous Meeting Review of Academic Planning for the Semester Review of Admission Process Submission of Proposal to the Directorate of Technical Education (DTE), Mumbai Review of Annual Academic Performance and Result Analysis Review of Placement Outcomes and Career Development Activities Review and Planning of Faculty Development Programmes (FDPs) Review of Industry MoUs, Collaborations, Internships, and Industry Interaction Activities Financial Planning, Budget Approval, and Utilization of Funds Review of Infrastructure, Laboratory Development, and Learning Resources Any Other Item with the Permission of the Chair	Approved all together
4	09/01/2025	Reading and Confirmation of the Minutes of the Previous Board of Governing (BOG) Meeting Review of the Action Taken Report on the Resolutions Passed in the Previous BOG Meeting Review of Examination Preparation Activities and Analysis of Academic Results Discussion and Approval Regarding Handing Over the Charge of the Principal's Post Review of Student Feedback and Discussion on Quality Improvement Measures Review of Industry Collaborations, Training Programmes, Internships, and Institutional Partnerships Review of NBA Accreditation Activities, Documentation, and Preparedness Status 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:

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

Decide about the overall teaching programmers or annual calendar of the college

Recommend to the management about introducing new academic courses and the creation of additional teaching and administrative posts;

Take review of the self-financing courses in the college & make recommendations for their improvement;

Make specific recommendations to the management to encourage and strengthen research culture, consultancy and extension activities in the college;

Make specific recommendations to the management to foster academic collaborations to strengthen teaching and research;

Make specific recommendations to the management to encourage the use of information and communication technology in teaching and learning process;

Make specific recommendations regarding the improvement in teaching and suitable training programmes for the employees of the college;

Prepare the annual financial estimates (budget) and financial statements of the

college or institution and recommend the same to the management for approval;

Formulate proposals of new expenditure not provided for in the annual budget;

Make recommendations regarding the students and employees welfare activities in

the college;

Frame suitable admissions procedure for different programmes by following the statutory

norms;

Plan major annual events in the college, such as annual day, sports events, cultural events,

etc.;

Recommend the administration about appropriate steps to be taken regarding the discipline, safety and security issues of the college;

Consider and make appropriate recommendations on inspection reports, local inquiry reports, audit report, report of National Assessment and Accreditation

Council, etc.;

Recommend the distribution of different prizes, medals and awards to the students;
 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	Review of admission process Academic planning for semester Infrastructure and laboratory development Student support and welfare activities Financial planning and utilization	Admission procedures were reviewed and streamlined. Updated admission guidelines were circulated 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. Infrastructure and laboratory requirements identified for development. 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. Budget reviewed and funds allocated for priority activities.
		Review of academic progress Faculty development programs	Academic progress reviewed and necessary corrective measures suggested.

2	06/10/2023	Industry interaction and MoUs Student training and placement activities	Faculty members were encouraged to participate in FDPs, workshops, and seminars. Efforts initiated to strengthen industry collaborations and establish new MoUs. Training programmes and placement activities were planned in coordination with industry partners.
	05/01/2024	Examination preparation and results analysis discussed Student feedback reviewed Industry collaboration strengthened	Examination preparations were reviewed, and result analysis was conducted to improve academic performance. Student feedback was analyzed, and appropriate measures were initiated to address the suggestions received. Industry interactions were enhanced, and initiatives were taken to strengthen collaborations for internships, training, and placements.
	03/04/2024	Annual academic performance review Placement outcomes Faculty development summary Planning for next academic year	Annual academic performance was reviewed, and improvement measures were identified. Placement outcomes were reviewed, and strategies were planned to enhance future placements. Faculty development activities were reviewed, and participation in future FDPs was encouraged. An action plan for the next academic year was prepared, covering academic, administrative, and development activities.
		Academic planning for semester FDP planning Industry MoUs review	Semester academic plan and academic calendar were finalized. Faculty Development Programmes were planned for the semester.

5	21/06/2024	Infrastructure review	Existing MoUs were reviewed, and steps were initiated to strengthen industry collaborations. Infrastructure requirements were reviewed, and necessary improvements were proposed.
6	4/10/2024	Academic progress monitoring FDP participation review Industry interaction activities Placement drive planning Infrastructure maintenance	Academic progress was reviewed, and corrective measures were suggested where required. Faculty participation in FDPs was reviewed, and future participation was encouraged. Industry interaction activities were reviewed, and plans for additional collaborations were initiated. Placement drives were planned in coordination with industry partners and the Training & Placement Cell. Infrastructure maintenance requirements were reviewed, and necessary maintenance work was initiated.
7	10/01/2025	Examination and result analysis Student mentoring Industry internships review Infrastructure upgradation approval	Examination results were analyzed, and measures for improving student performance were recommended. Student mentoring activities were reviewed and strengthened to enhance academic support. Internship progress was reviewed, and efforts were made to expand industry internship opportunities. Infrastructure upgradation proposals were approved, and implementation was initiated.

8	4/4/2025	Annual academic review Placement achievements Faculty development summary Infrastructure development report Action plan for next year	Annual academic performance was reviewed, and improvement measures were recommended. Placement achievements were reviewed, and strategies were planned to further improve placements. Faculty development activities were reviewed, and future FDP participation was encouraged. Infrastructure development progress was reviewed, and pending works were scheduled for completion. An action plan for the next academic year was prepared and approved.
9	20/06/2025	Review of admission process Academic planning for semester Infrastructure and laboratory development Student support and welfare activities Financial planning and utilization	Admission process was reviewed, and necessary improvements were implemented. Academic calendar and semester teaching plans were finalized. Infrastructure and laboratory enhancement requirements were reviewed, and development work was initiated. Student support and welfare activities were planned for effective implementation. Budget allocation was reviewed, and funds were approved for priority academic and development activities.
		Review of academic progress Faculty development programs Industry interaction and MoUs Student training and placement activities Infrastructure status review	Academic progress was reviewed, and corrective measures were suggested. Faculty members were encouraged to participate in FDPs, workshops, and seminars. Industry collaborations and MoUs were reviewed, and efforts to strengthen partnerships were initiated. Student training programmes and placement activities were planned and strengthened.

10	07/10/2025		Infrastructure status was reviewed, and necessary maintenance and development work was initiated.
11	6/01/2026	Examination preparation and results analysis discussed Student feedback reviewed Industry collaboration strengthened	Examination preparations were completed, and result analysis was carried out to identify areas for improvement. Student feedback was reviewed, and appropriate corrective actions were initiated. Industry collaborations were strengthened through enhanced interactions and partnership initiatives.
12	10/04/2026	Annual academic performance review Placement outcomes Faculty development summary Planning for next academic year	Annual academic performance was reviewed, and improvement measures were identified. Placement outcomes were reviewed, and strategies were planned to improve future placements. Faculty development activities were reviewed, and participation in future FDPs was encouraged. The academic and institutional action plan for the next academic year was finalized.

III. Institution Curriculum Implementation Unit (ICIU):-

Table No. 9.1.2.5 List of Institution Curriculum Implementation Unit Members (2025-26)

Sr. No.	Name Of Member	Designation	Officials
1.	Mr. Dhainje Prakash Bhagwan	Principal	Chairman
2.	Mr.Tamboli Shabbir Ismail	Lecturer, Academic Coordinator	Member Secretary
3	Mr. Chaugule Nayankumar Babanrao	Administrative Head Clerk	Member
4	Mr. Zanje Nana Vitthal	HOD of Civil Dept.	Member
5	Ms. Raut Sonali Popat	HOD of Computer Dept.	Member
6	Ms. Salunke Supriya Arjun	HOD of Electrical Dept.	Member
7	Mr, Dirange Maheshkumar Haribhau	HOD of E & TC Dept.	Member
8	Mr. Lawand Sagar Shashikant	HOD of Mechanical Dept.	Member
9	Mr. Sawant Vikram Vijay	Senior Lecturer	Member
10	Ms. Jadhav Vaishali Digvijay	Senior Lecturer	Member
11	Mr.Dombale Amol Bapu	Senior Lecturer	Member
12	Mr. Bhais Sagar Shamsing	Industry Expert	Member

13	Mr. Chaugule Satish Ganpat	Alumni Representative	Member
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Function and Responsibilities of ICIU member:-

Study curriculum development Process Prepare curriculum implementation plan at Institute level.

-

Identify the resources gap at Institute level and develop plan to make up the deficiencies.

-

Plan for academic calendar of the institute taking into consideration the calendar from MSBTE.

-

Guide the departments regarding philosophy of curriculum design and its implementation.

-

Ensure uniform implementation of MSBTE norms for student assessment.

-

Analyze the report of internal and external monitoring committee and take remedial actions.

-

Maintain the records of all activities in prescribed form.

-

I) Minutes of the meetings and action-taken reports of ICIU: -

Table 9.1.2.6 shows minutes of meetings of Institution Curriculum Implementation Unit for last 3 years.

Sr. No.	Date of meeting	Main points discussed	Action taken
1	13/03/2026	To discuss about Review of Syllabus Completion and Attendance	Approved unanimously
2	11/12/2025	To discuss about Academic Planning for Even Semester	Approved unanimously
3	26/09/2025	To discuss about Faculty Development Programs	Approved unanimously
4	28/06/2025	To discuss about Academic Planning for the Odd Semester	Approved unanimously
5	26/03/2025	To discuss about Result Analysis of internal test and Improvement Strategies	Approved unanimously
6	26/12/2024	To discuss about Academic Planning for Even Semester	Approved unanimously
7	20/09/2024	To discuss about Technical Event Planning	Approved unanimously
8	12/07/2024	To discuss about Academic Planning for the Odd Semester	Approved unanimously

9	14/03/2024	To discuss about Result Analysis of internal test and Improvement Strategies	Approved unanimously
10	28/12/2023	To discuss about Academic Planning for Even Semester	Approved unanimously
11	22/09/2023	To discuss about Examination and Evaluation Plan	Approved unanimously
12	18/07/2023	To discuss about Academic Planning for the Odd Semester	Approved unanimously

C.The published service rules, policies, and procedures with year of publication (01)

(The rules and policies regarding recruitment and promotion are as per AICTE, DTE,MSBTE and The AICTE pay scales are implemented periodically.)

I . Service rules:



CHAPTER 3 PROMOTION POLICY

3.1 Introduction

The Institute believes that promotion is an important element of career advancement and employee motivation. Promotion shall recognize merit, competence, professional growth, and contribution to the development of the Institute.

The Promotion Policy aims to ensure fairness, transparency, and equal opportunity while maintaining the quality of education and administration.

This policy shall be implemented in accordance with the norms prescribed by AICTE, Directorate of Technical Education (DTE), Maharashtra, MSBTE, Government of Maharashtra, and the rules of the Management.

3.2 Objectives

The objectives of this Promotion Policy are:

1. To provide equal opportunities for career advancement.
2. To recognize merit and professional excellence.
3. To encourage higher qualifications and continuous learning.
4. To motivate employees for better performance.
5. To ensure transparent and objective promotion procedures.
6. To strengthen academic and administrative leadership.
7. To retain competent and experienced employees.

3.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff (where promotional posts exist)

Promotion shall be considered only for employees appointed against sanctioned posts.

3.4 General Principles

1. Promotion is **not an automatic right**.
2. Promotion shall depend upon:
 - Availability of vacancy.
 - Institutional requirement.
 - Performance.
 - Qualifications.
 - Experience.
3. Seniority alone shall not confer a right to promotion.
4. Merit, efficiency, integrity, and conduct shall be given due weightage.
5. Promotion shall be approved only by the Management.

3.5 Eligibility Criteria

An employee shall ordinarily be eligible for promotion only if:

1. The employee is confirmed in service.

II. Recruitment Rules:

CHAPTER I RECRUITMENT POLICY

1.1 Introduction

Shriram Institute of Engineering and Technology (Polytechnic), Paniv is committed to recruiting competent, qualified, dedicated, and ethical employees to achieve excellence in technical education. The Institute believes that human resources are its greatest asset and that transparent, fair, and merit-based recruitment contributes significantly to institutional growth and academic excellence.

This Recruitment Policy is framed in accordance with the guidelines of the All India Council for Technical Education (AICTE), the Directorate of Technical Education (DTE), Maharashtra, the Maharashtra State Board of Technical Education (MSBTE), Government of Maharashtra regulations, and other applicable laws.

1.2 Objectives

The objectives of this Recruitment Policy are:

1. To recruit competent and qualified personnel.
2. To ensure transparency, fairness, and equal opportunity in recruitment.
3. To comply with AICTE, DTE, MSBTE, and Government regulations.
4. To select employees based on merit, qualifications, experience, and professional competence.
5. To maintain high standards of teaching and administration.
6. To promote diversity and equal employment opportunities.
7. To ensure that appointments are made only against sanctioned posts.
8. To establish a systematic recruitment and selection process.

1.3 Scope

This policy shall apply to the recruitment of:

A. Teaching Staff

- Principal
- Head of Department
- Lecturer

B. Academic Support Staff

- Librarian
- Physical Education Director
- Training and Placement Officer

C. Technical Staff

- Workshop Superintendent
- Instructor
- Lab Assistant
- Technical Assistant
- System Administrator
- Programmer

III. Promotion Policies:

CHAPTER 3 PROMOTION POLICY

3.1 Introduction

The Institute believes that promotion is an important element of career advancement and employee motivation. Promotion shall recognize merit, competence, professional growth, and contribution to the development of the Institute.

The Promotion Policy aims to ensure fairness, transparency, and equal opportunity while maintaining the quality of education and administration.

This policy shall be implemented in accordance with the norms prescribed by AICTE, Directorate of Technical Education (DTE), Maharashtra, MSBTE, Government of Maharashtra, and the rules of the Management.

3.2 Objectives

The objectives of this Promotion Policy are:

1. To provide equal opportunities for career advancement.
2. To recognize merit and professional excellence.
3. To encourage higher qualifications and continuous learning.
4. To motivate employees for better performance.
5. To ensure transparent and objective promotion procedures.
6. To strengthen academic and administrative leadership.
7. To retain competent and experienced employees.

3.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff (where promotional posts exist)

Promotion shall be considered only for employees appointed against sanctioned posts.

3.4 General Principles

1. Promotion is **not an automatic right**.
2. Promotion shall depend upon:
 - Availability of vacancy.
 - Institutional requirement.
 - Performance.
 - Qualifications.
 - Experience.
3. Seniority alone shall not confer a right to promotion.
4. Merit, efficiency, integrity, and conduct shall be given due weightage.
5. Promotion shall be approved only by the Management.

3.5 Eligibility Criteria

An employee shall ordinarily be eligible for promotion only if:

1. The employee is confirmed in service.

IV. Staff Leave Policies:

CHAPTER 2**LEAVE RULES & STAFF LEAVE POLICY****2.1 Introduction**

The Institute recognizes that leave is essential for the health, well-being, and efficiency of employees. This Leave Policy provides a uniform and transparent system for granting leave while ensuring that academic and administrative activities continue without interruption.

All employees shall plan their leave responsibly and obtain prior approval from the Competent Authority except in cases of emergency.

2.2 Objectives

The objectives of the Leave Policy are:

1. To provide a fair and uniform leave system.
2. To ensure uninterrupted academic and administrative functioning.
3. To define the eligibility, procedure, and authority for sanctioning leave.
4. To maintain proper leave records.
5. To prevent misuse of leave.
6. To comply with applicable labour laws and institutional policies.

2.3 Applicability

This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff
- Regular Employees
- Probationary Employees
- Contract Employees (to the extent specified in their appointment order)

2.4 Working Days

The Institute shall function as per the Academic Calendar approved by MSBTE and the Management.

- Working Days: Six days per week.
- Weekly Holiday: Sunday (or as notified by the Management).
- Institute Holidays: As declared in the Academic Calendar.

2.5 Types of Leave

The following categories of leave shall be admissible:

1. Casual Leave (CL)
2. Medical Leave (ML)
3. Maternity Leave
4. Paternity Leave
5. On Duty Leave (OD)
6. Leave Without Pay (LWP)

No other leave shall be admissible unless specifically approved by the Management.

9.1.2 D - Extent of awareness among the employees/students

Details of governing body administrative setup are available on institute website. Minutes of meetings with governing body are discussed with the internal stake holders by conducting the meeting at institute level. Details of Service Rules, Recruitment, Promotional Policies, Roles and Responsibilities of Staff are available on institute website.

CHAPTER 5
EMPLOYEE AWARENESS AND ORIENTATION POLICY

5.1 Introduction
Shriram Institute of Engineering and Technology (Polytechnic), Paniv believes that every employee should have a clear understanding of the Institute's vision, mission, service rules, policies, academic procedures, statutory regulations, and ethical responsibilities. Employee awareness and orientation are essential for maintaining discipline, ensuring compliance with AICTE, DTE, and MSBTE regulations, and fostering a positive work culture.

This policy establishes a structured framework to orient newly appointed employees and provide continuous awareness programmes for all employees.

5.2 Objectives
The objectives of this policy are to:

1. Familiarize employees with the Institute's vision, mission, and values.
2. Ensure awareness of Service Rules and Code of Conduct.
3. Promote compliance with AICTE, DTE, MSBTE, and Government regulations.
4. Improve employee performance through continuous learning.
5. Develop a culture of quality, ethics, accountability, and teamwork.
6. Ensure awareness of statutory policies and institutional procedures.
7. Promote professional development and lifelong learning.

5.3 Applicability
This policy shall apply to:

- Teaching Staff
- Technical Staff
- Administrative Staff
- Supporting Staff
- Regular Employees
- Probationary Employees
- Contract Employees (where applicable)

5.4 Employee Induction Programme
Every newly appointed employee shall undergo an **Induction Programme** within one month of joining.

The programme shall include:

- Introduction to the Management and Institute.
- Vision, Mission, and Quality Policy.
- Organizational Structure.
- Departmental introduction.
- Service Rules and Regulations.
- Roles and Responsibilities.
- Leave Rules.
- Salary and Promotion Policies.
- Attendance and Biometric System.

3. The Institute may revise the content and frequency of awareness programmes based on regulatory changes or institutional needs.
4. Non-compliance with mandatory awareness programmes may be considered during performance appraisal.


Principal
Shriram Institute of Engineering
And Technology (Polytechnic)
Paniv, Tal. Malavalli, Dist. Bellary


Secretary
Shriram Institute of Engineering
And Technology (Polytechnic)
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

S.I.E.T polytechnic college believes in the decentralized work culture as it helps to improve quality of decision making, motivation, provide opportunity to learn by doing and encourages development of college i.e. head of departments in the institute. Head of Departments and section in charge are empowered to administrate, manage, academic development of the department. Hence Principal extends the delegation of powers except financial powers to the concern head of departments and administrative officers at various levels to achieve desired output. Also various committees at institute level are established to provide better services.

The figure 9.1.3 shows administrative and managerial functions of the institute.

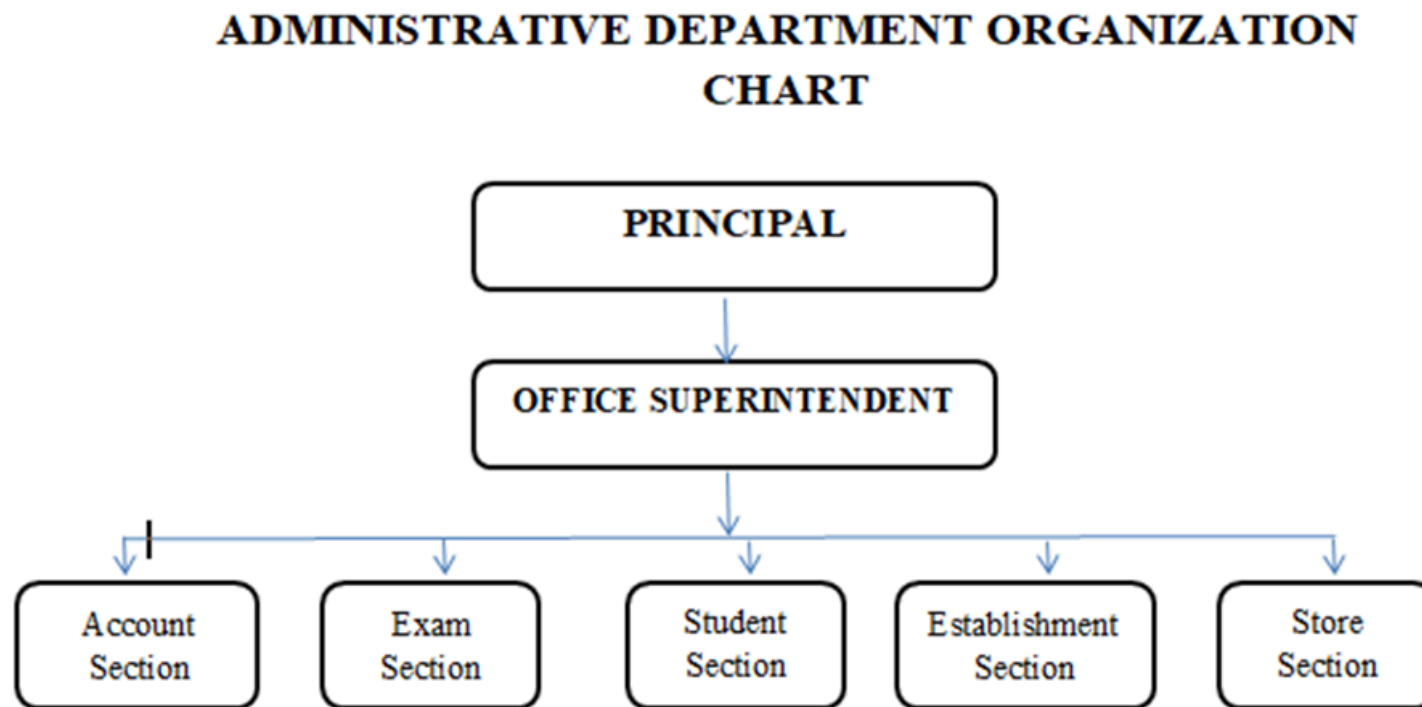
It is as follows.

- Principal

- Head of Department, Faculty and supporting staff.
- Office superintendent and supporting staff.

Description: C:\Users\PC\Pictures\Screenshots\Screenshot 2026-07-16 155708.png

Figure 9.1.3 flow chart of delegated power structure of the Institute



Sr.No.	Name of Staff	Designation
1	Mr. Chougule Nayankumar Babanrao	Office Superintendent
2	Mr. Bhangе Hanumant Shankar	Accountant

3	Mr. Chavan Santosh Joti	Sr. Clerk
4	Mr. Chavan Abasaheb Sitaram	Sr. Clerk
5	Mr. Chavan Sunil Mahadeo	Sr. Clerk
6	Mr. Kolekar Bandu Vitthal	Jr. Clerk
7	Mr. Deshmukh Shivam Dhondiba	Jr. Clerk

A. List the names of the faculty members who have been delegated powers for taking administrative decisions (02)

In every academic year the various activities are assigned to faculties. The list of such portfolio distribution is shown below. Also department level committees are formed for the smooth and efficient management of activities at department level. All the departmental committees are constituted by the HOD in consultation with faculty.

Table No. 9.1.1 Faculties delegated with administrative powers

S.N.	Name of Faculty member	Decision Authority
1	Mr Dhainje Prakash Bhagwan	Principal
2	Mr Lawand Sagar Shashikant	Head of Mechanical Department
3	Mr Dirange Maheshkumar Haribhau	Head of E&TC Department
4	Mr Zanje Nana Vitthal	Head of Civil Department
5	Ms Salunke Supriya Arjun	Head of Electrical Department
6	Ms Raut Sonali Popat	Head of Computer Technology
7	Mr. Chougule Nayankumar Babanrao	Office superintend
8	Mr Bhange Hanumant Shankar	Accountant

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

S.N.	Name of Committee	Members and Designation	Functions and Responsibilities
1	First year admission process	Mr. Tamboli S.I.	First year admission process (FC, ARC, institute level admission)
2	Direct second year admission process	Mr. Chougule S.G.	Direct second year admission process (FC, ARC, institute level admission, change of branch & year)
3	Sports/Gymkhana	Mr. Lokhande P. H.	Arranging sports, annual social gathering, extracurricular activities, and similar activities in the interest of the students, etc. related entire work.
4	CCTV	Mr. Karche N.B.	CCTV in the institute complex under the control of Head of Department, Computer and all related works.
5	Computer Maintenance Repair, internet	Mr. Pol U. B.	Maintenance of computers, providing internet facility
6	Website	Mr. Hiremath A.	Maintaining college website regularly
7	Scholarship (MAHADBT)	Mr. Kolekar B. V.	Online checking of the applications of the students on MAHADBT portal under various scholarships (RO login / Institute Login), etc.
8	AICTE/DTE/MSBTE	Mr. Chougule N. B.	AICTE EOA & its compliance, filling / updating information on AICTE portal, etc. related entire work
9	Training & Placement	Mr. Sawant V.V.	Officer Student campus placement, Entrepreneurship development, personality development, etc. related entire work

10	Students Discipline Committee	All HODs	Students Discipline Committee
11	Publicity/ Advertisement	Miss. Bansode T. M.	Giving publicity of events and programs conducted in the college, providing relevant information to media, etc.
12	E-Magazine and News letter	Mr. Gade S.P.	Preparing E-magazine of the institute, all the relevant work, Publication etc.
13	Alumni	Mr. Jagatap A. A.	Registration of alumni association

9.1.3 B Specify the mechanism and composition of grievance redressal cell including Anti Ragging Committee & Sexual Harassment Committee

Grievance Redressal Mechanism

Grievance redressal is systematically carried out through Grievance Redressal Committee, Internal Complaints Committee, Anti-ragging Committee and SC/ST Committee

B. Specify the mechanism and composition of grievance redressal cell including Anti Ragging Committee & Sexual Harassment Committee (03)

Grievance and Redressal Committee is constituted in the college to resolve the grievances. All the grievances addressed by the stakeholders are examined by the Grievance Redressal Committee and appropriate solutions are suggested. Three different committees are constituted for staff, students and women are as follows:-

I. Women Grievance Redressal cell & Internal Complaint committee

II.Anti ragging Committee

III.Anti-Harassment and Anti Ragging Squad

IV.Internal Institute Monitoring Committee

V. Grievance Cell for students and Mentoring

VI.Grievance Redressal Committee for faculty & Staff

VII.Scheduled Cast/Scheduled Tribe cell

I.WOMEN GRIEVANCE REDRESSAL CELL :-

1.Objectives

- Maintain the dignity of the institute by ensuring trouble free atmosphere by promoting healthy environment between students, faculties and student-teacher relationship.
- To conduct opinion surveys in the form of regular classroom feedbacks to
- To provide an easily accessible mechanism for settlement of grievances of the students and staff.
- To investigate the cause of grievances.

Functions

- To look into the complaints lodged by any student, staff through online/offline mode and judge its merit.
- The Grievance committee is also empowered to look into matters of harassment.
- The cases will be attended promptly on receipt of written grievances from the students, staff.
- The Grievance committee ensures that the grievance has been properly resolved in a specified time limit.
- Counselling and advising staff and students about behaviours and attitudes.

TABLE NO 9.1.3.1 WOMEN GRIEVANCE REDRESSAL COMMITTEE

Sr. No.	Name	Designation
1	Miss. Bansode Tejasvini Mahadev	Chairman
2	Miss. Budhner Pooja Kumar	Member Secretary
3	Miss. Tilekar Komal Vasant	Member
4	Miss. Gadhave Ashabai Shivaji	Member
5	Miss. Korabu Shahin Innus	Member
6	Mrs. Thavare Sonali Natha	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.

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

Table No 9.1.3.2 Internal Complaints Committee:

Sr.No.	Name of members	Designation	Officials
1	Ms. Salunke Supriya Arjun	HOD	Presiding Officer
2	Mrs.Lawand Supriya Arjun	Lecturer	Member Secretary
3	Ms.Thengal Kirti Anil	Lecturer	Faculty Member 2
4	Mrs.Jadhav Vaishali Digvijay	Lecturer	Faculty Member 3
5	Mr. Chougule Nayankumar Babanrao	O.S	Member
6	Ms.Pandhare Sayali Sajjan	Student1	Student1
7	Ms.Patil Kadambari Sunil	Student 2	Student 2
8	Ms.Kore Durga Nagnath	Student 3	Student 3
9	Mrs. Thavare Sonali Natha	Social Worker	External Member

Table No.9.1.3.3 shows minutes of meetings of Women Grievance Redressal cell for last 3 years.

Sr. No.	Date of meeting	Main points discussed	Action taken
1.	29/08/2023	Awareness regarding women safety and dignity	No any Such issues& arranged awareness program
		Vital issues between Girls & Boys	
		Awareness & utilization of vending machine	
		Planning of awareness programs	
2.	07/02/2024	Status of grievances	No grievances were received & No any Such issues
		Cleanliness of ladies' common room	
		Review of WGRC functioning and grievance records	
		Discussion about Women's Day	
3.	08/08/2024	Review of Complaints Received	No grievances were received & All washrooms are clean
		vital issues between girls & boys	
		cleanliness of ladies' washroom	
4.	27/12/2024	Awareness regarding women safety and dignity	Awareness program Arranged on "Awareness on women safety & grievance redressal" on date 02/01/2025 to 04/01/2025
		Planning of awareness programs.	
		Cleanliness of ladies' common room	

5.	10/07/2025	Review of Complaints Received	No grievances were received & Awareness program Arranged on “Womens Financial Empowerment” on date 18/07/2025
		Discussion about safety of girl’s students	
		Planning of awareness programs.	
6.	10/09/2025	Review of Complaints Received	No any Such issues
		vital issues between girls & boys	
		Awareness & utilization of vending machine	
		Discussion about safety of girl’s students	
7.	05/03/2026	Status of grievances	No grievances were received & Women’s day Celebrated by arranging Awareness program
		Discussion about Women’s Day	
		Planning of awareness programs.	
8.	09/04/2026	Status of grievances	No grievances were received & No any Such issues
		cleanliness of ladies’ washroom	
		Discussion about safety of girl’s students	

Table No 9.1.3.4 shows minutes of meetings of Internal Complaint committee for last 3 years

Sr. No.	Date of meeting	Main points discussed	Action taken
1	29/08/2023	Review of Complaints Received	Noted that the campus environment remains disciplined and Awareness Program arranged
		Vital issues between girls & boys	
		Discussion about safety of girl's students	
		Discussion on organizing Awareness Program	
2.	7/02/2024	The minutes of the previous meeting were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Give information about Complaint Procedure and Disciplinary action	Information given about Complaint Procedure and Disciplinary action.
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
3	8/8/2024	The minutes of the meeting held on 07-02-2024 were read and reviewed by the committee	The minutes were confirmed and signed by the Presiding Officer.
		Verify the installation of complaint drop boxes in accessible areas and Followed up on the Safe Campus posters discussed previously	complaint drop boxes is provided in accessible areas. And Posters have been installed in all common areas
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.

		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host a Lecture on Awareness on women's safety in Jan 2025
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.
		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.

6	16/10/2025	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.
7	5/3/2026	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.
		Discussed the status of the "Safe Campus" posters discussed in the last meeting	Posters have been installed in all common areas
		The committee reviewed the complaint box. No formal written complaints were received during this quarter	It was noted that the campus environment remains disciplined.
		Discussion on organizing a seminar for new students and faculty regarding the POSH Act	Decided to host an Awareness program women's right and safety on Mar 2026.

II.ANTI- RAGGING COMMITTEE:

cell Functions

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.

TABLE NO 9.1.3.5 ANTI- RAGGING COMMITTEE

Sr.No.	Name	Designation
1	Mr. Dhainje Prakash Bhagwan	Principal
2	Police sub Inspector (Akluj Police Station)	Police Administration Representative
3	Mr. Babar Vinod Vishnu	Media Representative
4	Mr. Tamboli Shabbir Ismail	Academic Coordinator
5	Mrs. Jadhav Vaishali Digvijay	Faculty Member
6	Mr. Gade Suhas Popat	Faculty Member
7	Mr.Kale Mahadev Dnyandeo	Faculty Member
8	Mr. Magar Navnath Kantilal	Faculty Member
9	Mr. Kapane Jotiram Ravsaheb	Faculty Member
10	Mr. Chougule Nayankumar Babanrao	Non-Teaching Member
11	Mr.Shinde Dinesh Dhondiba	Parents Representative
12	Miss.Patil Dnyaneshwari Santosh (FY CM)	Student Representative
13	Mr. Khot Ganesh Kuber (TY EE)	Student Representative
14	Mrs. Patil Sanjivani Subhash	NGO

Table 9.1.3.6 shows minutes of meetings of Anti ragging Committee and Anti Ragging Squad for last 3 years

Sr. No.	Date of meeting	Main points discussed
1	03/07/2025	1. Orientation programme for first-year students on anti-ragging regulations and institutional policy. 2. Collection and verification of Anti-Ragging Undertakings from students and parents. 3. Formation of Anti-Ragging Squad and monitoring schedule for the campus.
2	11/03/2026	1. Review of anti-ragging activities conducted during the academic year and campus monitoring reports. 2. Discussion on ragging complaints received (Nil complaints) and action taken (if any). 3. Recommendations for strengthening anti-ragging awareness and preventive measures for the next academic year.
3	21/08/2024	1. Review of Anti-Ragging Committee responsibilities and action plan. 2. Awareness programme for newly admitted students and parents. 3. Display of anti-ragging posters, helpline numbers, and complaint mechanism across the campus.
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.

III.Anti Ragging Squad Committee and Anti-Harassment:-**A. Table No 9.1.3.7 Anti Ragging Squad Committee**

Sr. No.	Name of members	Designation	Officials
1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Mr.Tamboli Shabbir Ismail	lecturer,Academic Co-ordinator	Member
3	Ms.Bansode Tejasvini Mahadev	Lecturer	Member
4	Mrs. Lawand Supriya Arjun	Lecturer	Member
5	Mr. Khandare Vikrant Shashikant	Lecturer	Member

Function:

- To create self confidence and congenial environment among the newly admitted students by conducting frequent interactive sessions to clear the doubts related to academic matters, social interaction and compatibility. The anti ragging committee provides a ragging free campus for newly admitted students to have a pleasant and fruitful academic stay in this college.
- Faculty is deputed at various locations inside the college campus to monitor the student activities. Faculty sees that no student groups are formed and if observed, the group is dispersed to avoid any nuisance. The punishment for ragging is displayed at various places to make the students aware of seriousness of the administration for preventing ragging.
- To conduct an enquiry and identify the culprits on receipt of complaint. Based on the first hand information and prime-facie evidence, the committee submits its report to the Principal for necessary disciplinary action. Severe punishment will be imposed on the accused, if proven

B. Anti-Harassment:-**Table No 9.1.3.8 Members of Anti-Harassment Committee:-**

Sr. No.	Name of members	Designation	Officials

1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Ms.Adat Sandhya Maloji	Lecturer	Member Secretary
3	Ms.Raut S.P.	HOD(CM)	Member
4	Ms.Salunkhe Supriya Arjun	HOD(EE)	Member
5	Mr.Salunkhe Kiran Hanumant	Lecturer	Member
6.	Mr.karche Niranjana	Lab Assistant	Member
7.	Ms.Shendage Komal Maruti(TY CM)	Student Reprntative	Member
8.	Mr.Shinde Prashantrao Baban(TY ME)	Student Reprntative	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.
4	28/03/2025	1. Review of awareness programmes and counselling sessions conducted during the academic year. 2. Discussion on complaints received (Nil complaints) and actions taken. 3. Recommendations to improve safety, discipline, and student well-being.
5	25/08/2023	1. Review of Anti-Harassment Committee activities and responsibilities for AY 2023–24. 2. Awareness programme on gender sensitivity, mutual respect, and prevention of harassment. 3. Discussion on confidential complaint mechanism and student support system.
6	28/03/2024	1. Review of committee activities and monitoring reports. 2. Confirmation that no harassment complaints were received during the semester (Nil complaints). 3. Planning awareness programmes for the next academic year.

IV. Internal Institute Monitoring Committee:**Table 9.1.10 Members of Internal Institute Monitoring Committee**

Sr. No.	Name of members	Designation	Officials
1	Prof. Dhainje P.B	Principal	Chairman
2	Mr.Tamboli S.I	Lecturer , Academic Coordinator	Member Secretary
3	Mr.Dhirange.M.H	HOD, E&TC	Member
4	Mr.Lawand S.A	HOD, Mechanical	Member
5	Ms.Salunke S.A	HOD, Electrical	Member
6	Mr.ZanjeN.V	HOD, Civil	Member
7	Ms.Raut S.P	HOD, Computer	Member

Function & Responsibilities:-

- Study curriculum development Process Prepare curriculum implementation plan at Institute level.
- Identify the resource gap at Institute level and develop plan to make up the deficiencies.
- Plan for academic calendar of the institute taking into consideration the calendar from MSBTE.
- Guide the departments regarding philosophy of curriculum design and its implementation.
- Ensure uniform implementation of MSBTE norms for student assessment.
- Analyze the report of internal and external monitoring committees and take remedial actions.
- Maintain the records of all activities in prescribed proforma.

Table 9.1.11 shows minutes of meetings of Internal Institute Monitoring Committee for last 3 years.

Sr. No.	Date of meeting	Main points discussed
1	10/06/2025	Planning of Internal Academic Monitoring
	6/10/2025	Planning of Internal Academic Monitoring
	24/12/2025	Planning of Internal Academic Monitoring
	02/03/2026	Planning of Internal Academic Monitoring
2	13/06/2024	Planning of Internal Academic Monitoring
	21/10/2024	Planning of Internal Academic Monitoring
	30/12/2024	Planning of Internal Academic Monitoring
	10/03/2025	Planning of Internal Academic Monitoring
3	12/06/2023	Planning of Internal Academic Monitoring
	10/10/2023	Planning of Internal Academic Monitoring

	28/12/2023	Planning of Internal Academic Monitoring
	15/03/2024	Planning of Internal Academic Monitoring

V.Grievance Cell for students and Mentoring:

Table No 9.1.3.12 Members of the Student Grievance Redressal Committee

Sr.No	Name of Members	Designation	Officials
1	Mr.Dhainje Prakash Bhagwan	Principal	Chairman
2	Mrs.Jadhav Vaishali Digvijay	Lecture	Member Secretary
3	Mr.Dhavare Somnath Kantilal	Lecture	Senior Member
4	Mr.Devkate Ramchandra Ankush	Lecture	Senior Member Other Than SC/ST
5	Mr.Mane Yash Pravin	Student	Student Representative Male
6	Miss.Pandhare Sayali Sajjan	Student	Student Representative Female
7	Mr.Chougule Nayan Babanrao	Clerk	Office Superitendent

Functions of the Committee

1. To receive, examine, and resolve students grievances in a fair and timely manner.
2. To conduct periodic meetings to review grievance cases and maintain records of grievances.
3. To investigate grievances objectively and recommend appropriate corrective actions.
4. To promote a student-friendly environment by addressing students concerns and suggestions.
5. To ensure transparency and accountability in the grievance redressal process.

Table 9.1.3.13 shows minutes of meetings of Mentoring and Grievance Cell for students for last 3 years.

Sr. No.	Date of Meeting	Main Points Discussed
1	09/01/2026	Regarding the dustbin in classrooms and in porch area
	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	Motivational Session Were Organized
4	04/07/2024	1. Planning Counseling activities for the academic year 2. Allocation of counselor to students 3. Identification of students issues 4. Planning awareness Program	Prepared the annual counselling activity plan covering academic, personal, career, and psychological counselling.
5	09/07/2024	1. Counseling Activity Planning 2. Student Allocation 3. Awareness Program Planning	Counseling & Awareness Programs Conducted
6	10/12/2024	1. Review Counseling Records 2. Discussion on Student Mental Health Support 3. Planning Improvement Measures 4. Documentation Review	Discussed the mental health concerns observed among students and the support provided through counselling.

7	16/12/2024	1. Review Counseling Effectiveness 2. Mental Health Support Discussion	Support Session Conducted
8	03/07/2025	1. Planning Counseling activities for the academic year 2. Allocation of counselor to students 3. Student Support Planning 4. Awareness Program Planning	- Planned awareness programs on mental health, stress management, time management, communication skills, career guidance, cyber safety, and anti-ragging. - Scheduled expert lectures, workshops, and interactive sessions during the academic year.
9	08/07/2025	1. Counseling Plan Preparation 2. Assign Counselor Responsibilities	Counseling Session Conducted

VII.SC/ST committee:

SC/ST committee is formed in order to resolve all the affairs, issues and problems relates to SC/ST students and employees of the institute.

The Committee primarily deals with the following:

- 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.

Table No 9.1.3.15 SC/ST Committee

Sr.No.	Name	Designation
1	Mr. Danane Pradip Arjun	Chairman
2	Mr. Khandare Vikrant Shashikant	Member

3	Mr. Sathe Kiran Hanumant	Member
4	Miss. More Divyani Subhash	Member
5	Mr. Lokhande Laxman Uddhav	Member
6	Mr. Davare Somnath Kantilal	Member

Table 9.1.26 shows minutes of meetings of Scheduled Cast/Scheduled Tribe cell for last 3 years.

Sr. No.	Date of meeting	Main points discussed
1	21/07/2025	1. The committee reviewed the academic status of final-year SC/ST students, including backlog subjects, attendance, and overall performance. It was observed that most students are on track for completion, while some require additional support. 2. The placement readiness of students was discussed. Areas such as aptitude skills, technical knowledge, communication skills, and interview preparation were evaluated. 3. The need for enhanced mentoring support for final-year students was emphasized to ensure successful completion of their academic requirements and smooth transition into careers. 4. The committee discussed higher studies and career guidance, including opportunities for postgraduate studies, competitive examinations, and various career paths.
	31/10/2025	1. The committee reviewed examination-related grievances raised by SC/ST students, including issues related to evaluation, rechecking, and examination schedules. Most cases were resolved, while a few were forwarded to the examination cell. 2. The status of scholarship renewals was discussed. It was observed that most eligible students have applied for renewal, while some applications are pending due to documentation issues.

		3. The attendance and internal assessment performance of students were analyzed. A few students were identified with low attendance and poor internal marks, requiring immediate attention. 4. The committee discussed the planning of welfare activities for the upcoming academic cycle, including awareness programs, counselling sessions, and academic support initiatives.
	10/03/2026	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. 2. Students raised concerns regarding hostel and infrastructure facilities, including cleanliness, study environment, and availability of resources. These issues were noted for further action. 3. The participation of students in academic and co-curricular activities was discussed. It was observed that participation needs improvement, and students should be encouraged to engage more actively.
	12/02/2024	1. The committee discussed organizing career guidance and placement support programs, including resume building, interview preparation, and campus recruitment training. 2. A review of annual welfare activities conducted for SC/ST students was presented, including scholarships, remedial classes, and mentoring initiatives. 3. The need for competitive examination preparation support was emphasized, including guidance for exams like GATE, UPSC, MPSC, and other government recruitment exams. 4. The mentoring outcomes were reviewed. It was observed that mentoring has positively impacted student performance, attendance, and confidence levels.
4	28/08/2022	1. The committee reviewed the admission and enrolment data of SC/ST students for the academic year 2022–23. It was observed that admissions are in accordance with reservation policies.

	2. The academic performance of first-year students was discussed based on initial assessments. Some students were identified as slow learners. 3. It was decided to form mentoring groups, where faculty members will guide and monitor the academic progress of assigned students. 4. Students were made aware of institutional support facilities such as: - Remedial classes - Library resources - Scholarships and government schemes - Grievance redressal system
07/10/2022	1. The committee reviewed the scholarship status of SC/ST students. It was observed that most students have applied, while a few applications were pending due to documentation issues. 2. Various academic grievances were discussed, including difficulties in understanding subjects, lack of study materials, and exam-related concerns. 3. A proper attendance monitoring mechanism was discussed. It was suggested to maintain regular attendance records and identify students with low attendance. 4. The need for parent communication was emphasized for academically weak students to ensure better support and improvement in performance.

	10/11/2022	1. The committee discussed conducting an awareness programme on government welfare schemes, including scholarships, financial aid, and skill development initiatives for SC/ST students. 2. The overall academic progress of students was reviewed. It was observed that many students showed improvement due to mentoring and remedial classes, while some still require additional support. 3. The effectiveness of the mentoring system was evaluated. Regular interaction between mentors and students was found beneficial in improving academic performance and confidence. 4. The committee planned academic support activities for the next academic year, including: a. Additional remedial classes b. Career guidance sessions c. Workshops and seminars
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9.1.4 Delegation of financial powers (5)

Institute Marks

5.00

9.1.4. Delegation of financial powers

At the beginning of academic year institute prepares budget and get its approval during Governing Body meeting. • The department budget amount is also sanctioned in the Governing Body meeting.

• The departmental budgets are prepared as per curriculum needs.

9.1.5 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks

5.00

9.1.5. Transparency and availability of correct/unambiguous information in public domain (05)

A. Information on the policies, rules, processes is to be made available on web site (2)

- The institute has its own website <https://sietpaniv.org/>. Activities held in the institute and department are published on this website regularly.
- The academic calendars of MSBTE, institute and department are published well in advance. • Time tables, project schedule, assessment and evaluation plans are made available well in advance on the notice boards.

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

The institute website is continuously updated for disseminating all the information about policies, students, faculty and relevant information. Institute website is <https://sietpaniv.org/>

Sr No	Name of document	URL of document on website
1	Vision, mission, goals and core values of the institute	https://sietpaniv.org/vision-and-mission/
2	Admissions	https://sietpaniv.org/admission
3	AICTE Approval Letters	https://sietpaniv.org/ea/
Faculty Profile		
4	Department of Civil Engineering	https://sietpaniv.org/faculty-profile-civil/
5	Department of Computer Technology	https://sietpaniv.org/faculty-profile-computer/
6	Department of Electronics and Telecommunication	https://sietpaniv.org/faculty-profile-etc/
7	Department of Electrical Engineering	https://sietpaniv.org/faculty-profile-electrical/
8	Department of Mechanical Engineering	https://sietpaniv.org/faculty-profile-mechanical/

9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (10)

Total Marks 10.00

Summary of current financial year’s budget and actual expenditure incurred(for the institution exclusively)in the three previous financial years

Table 1 - CFYm1 2024-25

Total Income 55088182			Actual expenditure(till...): 46654955				Total No. Of Students 913
Fee	Govt.	Grants	Other sources(specify) consultancy,inte	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
54899502	0	0	188680	43748541	2906414	0	51100.72

Table 2 - CFYm2 2023-24

Total Income 46038201			Actual expenditure(till...): 43049114				Total No. Of Students 956
Fee	Govt.	Grants	Other sources(specify) consultancy,intern	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
45780095	0	0	258106	41819967	1229147	0	45030.45

Table 3 - CFYm3 2022-23

Total Income 475384			Actual expenditure(till...): 29183589				Total No. Of Students 942
Fee	Govt.	Grants	Other sources(specify) consultancy,intern	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
298822	0	0	176562	28059963	1123626	0	30980.46

9.2.1 Adequacy of Budget Allocation (4)

Institute Marks

4.00

9.2.1 Adequacy of budget allocation

At the start of each academic year, the Heads of Departments (HoD) meet to plan that year’s budget. After the meeting, HoD prepare detailed budget proposals covering equipment, consumables, lab needs, curriculum changes, and planned departmental activities. All department proposals are combined and sent to management for approval. Management reviews them and gives funds based on priority. So far, management has always provided enough budget to meet the institute’s needs

9.2.2 Utilization of allocated funds (4) Institute Marks

4.00

9.2.2 Utilization of allocated funds

After the approved budget is received, each HoD holds a meeting to plan the step-by-step procedure for procuring equipment and consumables. Lab in-charge faculty and course coordinators are nominated to handle the purchases; they request quotations from vendors, prepare a comparative statement, and submit it to the Purchase Committee for management approval. Once approved, orders are placed and the HoD periodically monitors the process to ensure items are received and the allocated funds are fully utilized.

9.2.3 Availability of the audited statements on the institute’s website (2) Institute Marks

2.00

9.2.3 Availability of the audited statements on the institute website

Audited statements of financial years 2023-24, 2024-25, 2025-26 are available on institute website.

<https://sietpaniv.org/mandatory-disclosure/>

9.3 Department Specific Budget Allocation, Utilization (5) Total Marks 5.00

Table 1 :: CFY 2025-26

Total Budget 1720000	Actual expenditure (till...): 1648178
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Non Recurring	Recurring	Non Recurring	Recurring
1600000	120000	1535174	113004

Table 2 :: CFYm1 2024-25

Total Budget 45000		Actual expenditure (till...): 42534	
Non Recurring	Recurring	Non Recurring	Recurring
0	45000	0	42534

Table 3 :: CFYm2 2023-24

Total Budget 42000		Actual expenditure (till...): 40818	
Non Recurring	Recurring	Non Recurring	Recurring
0	42000	0	40818

Table 4 :: CFYm3 2022-23

Total Budget 410000		Actual expenditure (till...): 384420	
Non Recurring	Recurring	Non Recurring	Recurring
400000	10000	375000	9420

9.3.1 Adequacy of Budget Allocation (2)

Institute Marks

2.00

9.3.1 Adequacy of budget allocation

At the start of the financial year, the department prepares its annual budget based on its needs. Before the commencement of the financial year, details of the purchase requirements, both recurring and non-recurring, are collected from the laboratory in-charge of the department. The budget proposal is finalized by the Head of the Department by considering the annual intake of students, university curriculum, industry requirements, and laboratory and infrastructure development. The requirement budget for equipment, computers, software, consumables, maintenance, furniture, and other items is finalized. Apart from this, budget proposals are also prepared for co-curricular, extra-curricular, and extension activities for the overall development of students. The Head of the Department submits the budget proposal to the Principal, and the same is placed in the College Development Committee and Governing Body meetings. After discussion and necessary corrections or modifications, the College Development Committee and Governing Body recommend the budget for

approval. The budget is then reviewed by the management and approved after necessary changes. The budget provided by the institute is sufficient to meet the department's requirements, upgrade the laboratory in terms of equipment, consumables, software, computers, maintenance and furniture, and support curricular and extra-curricular activities

9.3.2 Utilization of allocated funds (3)

Institute Marks

3.00

9.3.2 Utilization of allocated funds (3)

The allocated funds are utilized in a proper and systematic manner for the benefit of the department and students. A major portion of the budget is used for the purchase of essential equipment, computers, software, consumables, maintenance materials and furniture required for smooth academic and laboratory work. These items help in upgrading the laboratory facilities and improving the quality of teaching and practical training.

The funds are also used to conduct curricular, co-curricular, extra-curricular, and extension activities for the overall development of students. Such activities help students gain practical knowledge, improve technical skills, and develop confidence, teamwork, and communication abilities. The Head of the Department monitors the expenditure regularly to ensure that the funds are spent properly, the planned purchases are completed on time, and the allocated amount is fully and effectively utilized

9.4 Library and Internet (20)

Total Marks 20.00

(It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated)

9.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks

10.00

Learning resources including e-resources are available in the Central library of the institute for study and reference purpose for Students, faculty and staff. All these Learning resources are useful for the access current events of engineering and technology gaining information, knowledge, acquiring skills and to enhanced thinking and analysis capabilities of the learner.

These resources are also useful to improve independent study techniques , developing their life skills and to develop over all personality of the learner. The resources available are from well-known reputed national and international publishers ,authors,manufactures .

9.4. Library and Internet (20)

Library details

a	Carpet Area of library (in m)	400 sqm
b	Reading Hall Space (in m)	150 sqm
c	Number of Seats in reading hall space	150 Students
d	Number of Users (Issue Book) per day	
	2025-2026	21
	2024-2025	15
	2023-2024	13
	2022-2023	4
e	Number of Users (Reading Hall space) per day	
	2025-2026	110
	2024-2025	60
	2023-2024	35
	2022-2023	22
f	Working days Timings (Monday–Friday)	9.00 am to 5.00 pm
g	Weekend Timings: (Saturday)	9.00 am to 5.00 pm
h	During Holidays /Sundays and Vacations	-

i	Number of Library Staff	02
j	Number of Library Staff with degree in Library Management	02
k	Computerization for search, indexing, issue/return records	Yes
l	Library Services on Internet/Intranet	Yes
m	Bar Coding Used?	Yes
n	INDEST/DELNET and other similar membership?	Delnet Membership
o	K-hub E-Virtual Library	Membership

9.4.1. Quality of learning resources (hard/soft) (10)

A. Availability of relevant learning resources including e-resources and Digital Library (7)

Available learning resources

Number of titles	2412
Number of volumes (hard- / soft -)	14921
Hard	14921
Soft	6176
Reference Books:	11239
CDs	341
International / National Journals	36
NPTEL resources:	Available
Digital Library:	
Availability of digital library content:	10
Availability of an exclusive server:	01
Availability over Intranet/Internet:	Yes
Availability of exclusive space/room:	Yes
Number of users per day:	7
Number of E-books:	1010

Total Number of Books:

Year	Total number of books	Titles	Book bank set issued during the year
2025-2026	14921	2412	350
2024-2025	14909	2400	16
2023-2024	14909	2400	15
2022-2023	14909	2400	10

Total number of Journals and Magazines:

Year	Educational Journals		General Magazines
	National	International	
2025-2026	23	13	6
2024-2025	18	Nil	-
2023-2024	18	Nil	Nil
2022-2023	18	Nil	Nil

Titles and volumes:

Academic Year	Books			
	Total number of Volumes	Total number of Titles	Number of New Editions Added	Journals / Magazines
2025-2026	14921	2412	12	42
2024-2025	14909	2400	Nil	18
2023-2024	14909	2400	Nil	18
2022-2023	14909	2400	Nil	18

B. Accessibility to students (3)

Institute Library and Faculty Library is made available the following resources for the benefit of the staff and students.

Following resources are also accessible to the students:

- DELNET- Membership
- NPTEL Videos
- NDLI (National Digital library of India)
- AICTE E Books
- Shodhsindhu
- National E-Pustkalay
- K-hub E-Virtual Library

9.4.2 Internet (10)

Institute Marks

10.00

Name of the Internet provider	BSNL And Airtel
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Available band width	900 MBPS (BSNL 800 Mbps Airtel 100 Mbps)
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WiFi availability	campus are Wi-fi enabled
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Internet access in labs, classrooms, library and offices of all Departments	Yes
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Security arrangements	Yes
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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



Computer Department Seminar Hall
Shriram Institute of Engineering & Technology
(Polytechnic), Paniv



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

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

कार्यक्रमामध्ये खालील उपक्रमांचा समावेश असेल:

- ★ **माजी विद्यार्थ्यांशी संवाद**
- ★ **करिअर मार्गदर्शन**
- ★ **आठवणी व नेटवर्किंग**
- ★ **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
अँड टेक्नॉलॉजी (पॉलिटेक्निक), पाविव

01:00 PM ते 02:00 PM		सांस्कृतिक कार्यक्रम
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	Planning, Drawing & Design:- Make plan, design & drawings for various Civil engineering structures.
PSO2	Surveying:- Conduct Survey for Civil Engineering Project.
PSO3	Construction Execution and Maintenance:- Execute civil engineering construction and maintenance using relevant materials and equipment

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institution shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, post-visit 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 20:48:17