

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186 Exch : 7249250183, 7249250184, 7249250185 Website : www.aitpune.com Email : ait@aitpune.edu.in Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Feedback Analysis and Action Taken Report on Faculty's Academic Feedback given by Students

Introduction

Effective feedback is designed to determine a learner's level of understanding and skill development to plan the next steps towards achieving the learning objectives or goals. The IQAC of the institution has designed the Feedback formats and have made it a regular practice to mandatorily collect feedback from stakeholders- students, teachers, employers and alumni to monitor and evaluate its performance quality on curriculum and curriculum related issues.

Objective:

The objective of the exercise is to correctly gauge the impact of the efforts taken by the institution at all levels towards attachment of outcome and achieving relevant objectives for benefits of stakeholders. The institution wants the benefits to reach all the stakeholders. Based on the opinions of the stakeholders, further action is taken by the administration.

The feedback targets following contents:

- · Curriculum and its learning related issues in terms of quality
- Competence and attitude.
- Skills and professionalism of faculty.
- This feedback also considers other methods like delivery of curriculum by teachers.

Methodology:

- Feedback on curriculum is collected from the students by sharing the link of the Feedback Forms on their official mail id. It is collected online and brought to the IQAC for its analysis. The Statistical data is handed over to the Feedback committee appointed by the Head of the Institute. Further suggestions are incorporated by departments, and college management.
- The feedback committee collects inputs and suggestions from the stakeholders and further action to be taken is discussed with departments and authorities. The decisions taken by the authorities are forwarded for action to be initiated.





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DIRECTOR'S SECRETARIAT

NOTICE - 140/2023

COMMITTEE FOR FEEDBACK AND STUDENT'S SATISFACTION SURVEY ANALYSIS FOR ALL DEPARTMENTS

 Following committee is formed to complete Feedback analysis and Student's Satisfaction Survey analysis for all the departments.

a)	Presiding	Officer -	Dr.	Sushma	Patil	
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b) Members -

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1. Mr R S Godse	Mech Dept
2. Dr. Chandan Patel	ASGE Dept
3. Ms Mahima Jain	E&TC Dept
4. Ms Trupti Katte	Comp Dept
 Ms Anjali Hudedamani 	IT Dept
Mrs. Swati Salunkhe	ASGE Dept
7. Mr. Pravin Sangale	E & TC Dept
8. Mr. Rohan Sonavane	IT Dept
 Mr. Sunil Shikare 	Mech Dept
 Mrs. Priyanka Holkar 	Comp Dept
11. Mrs. Padmavati Sankpal	IQAC Office

 The committee will analyse the feedback and put up data in the sample format given at Appendix, as required for AQAR by 27 Dec 2023. The committee will meet the Presiding officer at 10.30am on 20 Dec 2023 for briefing.

File No : AIT/0075 /Notice/Adm

(Abhay A Bhat) Brig (Retd)

Director

E & TC Dent

Army Institute of Technology Dight Hills, Pune - 411015

Date: Coc 2023

Distribution: -

Director Jt Director Principal

HOD Mech HOD IT HOD Carro HOD ASGE - For info please





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- Students are instructed to keep the following points in Mind before Completing the Feedbacks
 - Anonymity: Course evaluations are completely anonymous, both the numerical results and written comments. Students responses are not linked to their ID number, so each evaluation must be completed in one sitting.
 - **Confidentiality:** The complete results are confidential to the instructor, HoD, Principal and Director.
 - **Be respectful:** Derogatory comments or criticisms based on race, religion, gender, sexual orientation, etc. are not appropriate in course evaluations.
 - The instructor cannot see the results until the final grades for the course have been submitted and processed.

 At the time of providing feedback, they are expected to compare the instructor to other instructors, either consciously or unconsciously and while comparing, remember that the comparison group should be other professors and courses at the Institute, not teachers and courses at high school.

Students are informed to consider the following points while writing comments

- Constructive feedback from students is a valuable resource for improving teaching. The feedback should be specific, focused, and respectful. It should also address aspects of the course and teaching that are positive as well as those which need improvement.
- Be specific and provide examples when commenting on the course or the instructor. Speak based on your own experiences, not on behalf of your classmates.
- Focus on observable behaviors of the instructor or on specific aspects of the course. Describe the situation you are commenting on.





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Format of feedback form of the Faculty

Feedback Subject: Staff Name: Feedback Period: Class Name:

Sr. No.	Parameters	2	4	6	8	9	10	Avg.
1	Communication skills (i.e. Teacher's ability to communicate the Subject clearly & audibly)							
2	Ability to explain subject matter and clear doubts.							
3	Presentation (Via the Black Board/ICT tools whichever used while teaching) is clear, organized and easily readable.							
4	Teaching Methodology (i.e. Teaching Pace, examples and illustrations were used for handling of Topics and discussions were encouraged.							
5	Attitude towards students (i.e. with regards being approachable, providing guidance, advice and counseling)							
6	Overall interest created in subject & motivation to learn the subject.							
7	Firm and Maintains Class Discipline							
8	Regular and Punctual in Conducting Classes							
9	Syllabus coverage in time and coverage of contents beyond syllabus.							
10	Quality of Assignments/ demonstrations (practical)/tutorials conducted/tests as applicable.							

10- Excellent, 8 - Very Good, 6 - Good, 4 - Fair, 2- Poor





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Applied Science and General Engineering SEM- 1 (2022-23)

Q. No.	Parameter	Semester	Poor	Fair	Good	Very Good	Excellent
1.	Communication Skills	Mid Sem	4.4	9.1	16.3	26.0	44.1
		End Sem	3.3	4.2	9.5	27.1	56.9
2	Ability to explain subject matter and	Mid Sem	4.5	9.8	16.7	25.9	43.0
	clear doubts	End Sem	2.7	4.6	11.1	25.6	55.9
3	Regular and punctual in conducting	Mid Sem	2.4	5.2	11.3	25.9	55.2
	classes	End Sem	2.4	3.4	9.9	25.3	59.1
4	Presentation(via blackboard/power point whichever used while	Mid Sem	3.7	7.8	16.8	25.0	46.7
	teaching) is clear, organized and easily readable	End Sem	2.6	3.9	10.7	26.2	56.7
5	Teaching methodology (i.e.	Mid Sem	4.4	7.8	17.8	26.3	43.7
	Teaching pace example and illustration used and handling of topics)	End Sem	2.9	3.7	11.2	27.2	55.0
6	Attitude towards students (i.e. with regards being approchable,	Mid Sem	3.9	7.3	14.9	25.7	48.2
	providing guidance, advice and counselling)	End Sem	2.9	3.7	9.8	26.4	57.1
7	Overall interest created in subject &	Mid Sem	4.9	9.2	16.3	24.8	44.8
	motivation to learn the subject	End Sem	2.9	4.0	12.3	25.5	55.4
8	Firm and maintains class discipline	Mid Sem	2.5	6.1	15.4	29.1	47.0
		End Sem	2.4	4.0	9.8	26.9	56.9
9	Syllabus coverage in time and coverage of contents beyond	Mid Sem	2.2	5.5	12.8	28.1	51.3
	syllabus	End Sem	3.1	3.6	10.8	25.2	57.0
10	Quality of assignments demonstrations (Practical / tutorials	Mid Sem	3.4	5.6	14.7	27.0	49.3
	conducted /test as applicable)	End Sem	3.1	3.7	9.7	25.7	57.8





Graph showing feedback of Applied Science and General Engineering students for the Teachers : SEM-1 2022-23



















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Applied Science and General Engineering SEM-2 2022-23

Q. No	Parameter	Semester	Poor	Fair	Good	Very Good	Excellent
1.	Communication Skills	Mid Sem	4.1	4.6	11.3	23.6	56.4
		End Sem	2.3	1.4	7.5	24.7	64.1
2	Ability to explain subject matter	Mid Sem	4.4	4.2	11.2	23.7	56.5
	and clear doubts	End Sem	1.6	1.6	8.2	26.0	62.5
3	Regular and punctual in	Mid Sem	3.9	3.6	10.5	23.7	58.3
	conducting classes	End Sem	1.7	1.5	7.7	23.8	65.2
4	Presentation(via blackboard/power point	Mid Sem	4.3	3.7	11.1	24.1	56.8
	whichever used while teaching) is clear, organized and easily readable						
5		End Sem	1.7	2.2	7.7	24.8	63.6
3	Teaching methodology (i.e. Teaching pace example and	Mid Sem	4.3	3.9	11.5	23.8	56.4
	illustration used and handling of topics)	End Sem	2.7	2.0	7.7	24.8	62.8
6	Attitude towards students (i.e. with regards being approchable,	Mid Sem	4.4	3.6	11.1	23.2	57.8
	providing guidance, advice and counselling)	End Sem	2.4	1.3	9.0	23.5	63.8
7	Overall interest created in subject	Mid Sem	4.5	4.2	11.2	23.8	56.2
	& motivation to learn the subject	End Sem	1.9	2.4	8.1	25.2	62.4
8	Firm and maintains class	Mid Sem	4.2	3.1	11.4	24.0	57.2
	discipline	End Sem	1.8	1.5	8.2	24.5	63.9
9	Syllabus coverage in time and	Mid Sem	3.8	3.4	11.4	22.3	59.0
	coverage of contents beyond syllabus	End Sem	2.1	1.8	7.9	24.5	63.8
10	Quality of assignments demonstrations (Practical /	Mid Sem	4.0	3.6	10.7	23.9	57.8
	tutorials conducted /test as applicable)	End Sem	1.9	1.9	8.1	23.1	65.1





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Graph showing feedback of Applied Science and General Engineering students for the Teachers: SEM-2 2022-23



















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Department of Electronics and Telecommunication (2022-23)

Academic year	Branch	Semester	Year	Mid/ End	No. of students
			SEA&B	Mid sem	105
2022-23	Electronics and Telecommunication	Sem I		End sem	114
		Sem 1	TE A & B	Mid sem	85
				End sem	85
			BE	Mid sem	53
				End sem	56
			SE A & B	Mid sem	120
2022-23	Electronics and	Som II		End sem	121
ha V ha ha ⁻ ha J	Telecommunication	Sem II	TE A & B	Mid sem	114
	releconnitumeation			End sem	108
			BE	Mid sem	43
				End sem	41

Department of Electronics and Telecommunication SEM-1 2022-23

Q.No	Parameters	Semester	Poor	Fair	Good	Very Good	Excellent
1	Communication Skills	Mid sem	2.34	2.93	6.85	25.77	62.10
		End sem	2.29	2.69	7.81	24.99	62.21
2	Ability to explain subject matter and	Mid sem	2.34	3.42	9.51	23.58	61.13
	clear doubts	End sem	2.58	2.30	9.61	23.82	61.67
3	Regular and punctual in conducting	Mid sem	1.37	2.28	6.32	25.87	64.14
	classes	End sem	1.87	2.00	7.43	24.64	64.04
4	Presentation(via blackboard/power point whichever used while teaching) is clear,	Mid sem	2.01	3.58	8.82	24.48	61.09
	organized and easily readable	End sem	2.29	2.20	9.10	23.143	63.25
5	Teaching methodology (i.e. Teaching pace example and illustration used and	Mid sem	2.70	3.25	8.33	24.84	60.86
	handling of topics)	End sem	2.35	2.55	9.03	22.94	63.10
6	Attitude towards students (i.e. with regards being approachable, providing	Mid sem	2.13	3.06	7.22	24.17	63.39
	guidance, advice and counselling)	End sem	2.57	1.85	7.61	25.04	62.90
7	Overall interest created in subject & motivation to learn the subject	Mid sem	2.14	3.41	8.68	25.59	60.16
	0	End sem	2.47	2.65	8.67	23.86	62.34
8	Firm and maintains class discipline	Mid sem	1.62	2.53	7.37	25.71	62.74
		End sem	2.07	1.80	8.03	24.36	63.72
9/57	Syllabus coverage in time and coverage	Mid sem	1.27	3.00	7.33	26.21	62.16
	of contents beyond syllabus	End sem	2.35	2.44	8.02	24.00	62.17



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10	Quality of assignments demonstrations (Practical/tutorials conducted/test as	Mid sem	1.92	2.85	9.08	24.23	61.90
	applicable)	End sem					01.90
			2.35	2.52	8.32	24.32	62.47

<u>Graph showing feedback of Electronics and Telecommunication Engineering students</u> for the Teachers Sem 1: 2022-23



















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Department of Electronics and Telecommunication SEM-2 2022-23

Q. No	Parameters	Semester	Poor	Fair	Good	Very Good	Excellent
1	Communication Skills	Mid sem	2.10	2.08	4.58	26.70	64.53
		End sem	2.70	0.99	5.73	21.68	68.88
2	Ability to explain subject matter and	Mid sem	2.02	2.02	5.59	26.71	63.65
	clear doubts	End sem	3.00	1.24	5.29	22.62	67.84
3	Regular and punctual in conducting	Mid sem	1.94	1.87	4.46	24.39	67.34
	classes	End sem	2.85	0.57	4.89	22.00	69.69
4	Presentation(via blackboard/power point whichever used while teaching)	Mid sem	2.08	2.17	5.22	27.19	63.35
	is clear, organized and easily readable	End sem	2.94	1.42	5.25	21.86	68.52
5	Teaching methodology (i.e.	Mid sem	2.39	1.86	5.97	25.70	64.07
	Teaching pace example and illustration used and handling of topics)	End sem	3.00	0.87	6.38	21.54	68.20
6	Attitude towards students (i.e. with regards being approchable, providing	Mid sem	2.08	2.09	4.81	26.28	64.73
	guidance, advice and counselling)	End sem	2.84	1.26	5.72	21.11	69.06
7	Overall interest created in subject &	Mid sem	2.39	2.32	5.99	25.40	63.91
	motivation to learn the subject	End sem	3.30	1.03	5.44	22.75	67.48
8	Firm and maintains class discipline	Mid sem	2.31	1.72	4.93	25.80	65.24
		End sem	2.93	0.96	5.01	22.90	68.20
9	Syllabus coverage in time and	Mid sem	2.31	1.95	4.93	26.27	64.54
	coverage of contents beyond syllabus	End sem	2.79	0.65	6.01	22.44	68.11
10	Quality of assignments	Mid sem	2.46	2.25	4.55	26.30	64.44
	demonstrations (Practical / tutorials conducted /test as applicable)	End sem	3.16	1.42	5.44	21.07	68.91

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<u>Graph showing feedback of Electronics and Telecommunication Engineering students</u> for the Teachers Sem -2: 2022-23

No of Respondents: Sem II Mid sem: 277

Sem II End sem: 274



















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Department of Information Technology

Academic year	Branch		Year/ Semester		No. of students	
	Information Technology	Sem-I	SE	Mid sem	50	
	recunology			End sem	59	
			TE	Mid sem	44	
2022-23				End sem	50	
			BE	Mid sem	36	
				End sem	47	
	Information	Sem-II	SE	Mid sem	49	
	Technology			End sem	58	
			TE	Mid sem	36	
				End sem	47	
			BE	Mid sem	44	
	1			End sem	49	

Department of Information Technology SEM-1 2022-23

Q. No	Parameters		Poor	Fair	Good	Very Good	Excellen
1	Communication Skills	Mid sem	1.05	1.28	3.47	14.13	80.07
2	A1 '1'	End sem	0.53	0.55	2.80	17.01	79.11
2	Ability to explain subject matter and clear doubts	Mid sem	0.44	2.13	3.89	13.79	79.75
3		End sem	0.69	0.82	2.14	17.52	78.85
3	Regular and punctual in	Mid sem	0.29	1.65	2.76	14.75	80.56
	conducting classes	End sem	0.55	0.82	1.61	17.76	79.25
4	Presentation(via	Mid sem	0.29	0.91	3.52	14.38	80.90
	blackboard/power point whichever used while teaching) is clear, organized and easily readable	End sem	0.69	0.93	2.25	16.21	79.95
5	Teaching methodology (i.e.	Mid sem	0.29	1.21	3.23	14.94	80.22
	Teaching pace example and illustration used and handling of topics)	End sem	0.69	0.82	2.75	17.92	80.33 77.83
5	Attitude towards students (i.e.	Mid sem	0.74	1.21	2.05	16.29	79.70
	with regards being approachable, providing guidance, advice and counseling)	End sem	0.83	0.81	2.12	15.80	80.46
	Overall interest created in subject	Mid sem	0.59	1.21	4.71	14.32	79.17
	& motivation to learn the subject	End sem	0.82	1.36	2.08	17.08	79.17
TEOF	Firm and maintains class	Mid sem	0.29	1.87	2.84	14.74	80.26
PUNE	discipline	End sem	0.69	0.81	2.21	16.47	79.87
411015	Silahua anvarana in time and	NAid com	1.07	1	2 = 0	10.47	19.87



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	coverage of contents beyond syllabus	End sem	0.69	1.07	2.77	15 70	1
10	Quality of assignments	Mid sem	0.44	1.68	2.58	15.70	79.79
	demonstrations (Practical / tutorials conducted /test as applicable)	End sem		1.00	2.38	14.08	81.22
			0.96	1.16	2.30	15.82	79.75

<u>Graph showing feedback of Information Technology students for the Teachers Sem-1 :</u>

No of Respondents: Sem I Mid sem: 130

Sem I End sem: 156



















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Department of Information Technology SEM-2 2022-23

Q. No.	Parameters	Semester	Poor	Fair	Good	Very Good	Excellent
1	Communication Skills	Mid sem	0.89	0.59	4.81	17.38	76.33
		End sem	0.13	0.52	3.41	15.11	80.83
2	Ability to explain subject matter and	Mid sem	0.28	0.90	5.22	18.69	74.92
	clear doubts	End sem	0.13	1.23	2.44	16.09	80.11
3	Regular and punctual in conducting	Mid sem	0.13	0.58	5.03	15.75	78.52
	classes	End sem	0.13	0.52	3.80	13.99	81.57
4	Presentation(via blackboard/power	Mid sem	0.30	0.86	6.44	18.03	74.38
	point whichever used while teaching) is clear, organized and easily readable	End sem	0.13	0.97	3.60	16.45	78.86
5	Teaching methodology (i.e. Teaching pace example and illustration used and	Mid sem	0.28	0.99	4.56	16.53	77.63
	handling of topics)	End sem	0.00	1.17	3.14	15.87	79.81
6	Attitude towards students (i.e. with regards being approachable, providing	Mid sem	0.43	0.44	5.86	16.94	76.33
	guidance, advice and counselling)	End sem	0.00	1.49	3.07	14.36	81.09
7	Overall interest created in subject &	Mid sem	0.15	0.61	5.78	16.63	76.83
	motivation to learn the subject	End sem	0.26	1.10	3.10	17.16	78.38
8	Firm and maintains class discipline	Mid sem	0.26	0.87	5.66	18.07	75.14
		End sem	0.00	1.74	2.83	14.50	80.93
9	Syllabus coverage in time and coverage	Mid sem	0.00	1.02	5.32	16.31	77.35
	of contents beyond syllabus	End sem	0.00	1.23	3.23	15.10	80.44
10	Quality of assignments demonstrations	Mid sem	0.30	0.72	5.65	16.69	76.64
	(Practical / tutorials conducted /test as applicable)	End sem	0.00	1.17	2.88	13.01	82.93





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<u>Graph showing feedback of Information Technology students for the Teachers Sem-2 : 2022-23</u>

No of Respondents: Sem II Mid sem: 129

Sem II End sem:154



















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Department of Mechanical Engineering SEM-1 2022-23

Academic year	Depart	mont	Year/	No. of students		
	Depart	Department Semester		Sem 1	Sem 2	
			SE	Mid sem	41	
		-	SL	End sem	43	
			TE	Mid sem	31	
	Mechanical	Sem-I		End sem	45	
	Engineering		BE	Mid sem	44	
2022-23			DE	End sem	44	
		g Sem-II	SE	Mid sem	50	
			End sem	41		
	Mechanical		TE	Mid sem	52	
	Engineering		112	End sem	12	
	Linginoering		BE	Mid sem	31	
			DL	End sem	33	

Department of Mechanical Engineering SEM-1 2022-23

Q. No.	Parameters	Sem	Excellent	Very Good	Good	Fair	Poor
1	Communication Skills	Mid sem	45.53	33.63	14.10	4.23	2.49
		End sem	49.42	29.15	13.09	2.57	5.74
2	Ability to explain subject matter and	Mid sem	46.45	34.13	14.40	5.19	2.22
	clear doubts	End sem	48.72	30.64	11.68	3.52	5.41
3	Regular and punctual in conducting	Mid sem	49.68	31.64	13.95	2.69	2.05
	classes	End sem	49.91	30.04	12.44	2.16	5.43
4	Presentation(via blackboard/power	Mid sem	45.52	34.00	14.28	3.98	2.21
	point whichever used while teaching) is clear, organized and easily readable	End sem	48.10	31.56	12.45	1.99	5.90
5	Teaching methodology (i.e. Teaching	Mid sem	46.09	31.45	16.58	2.96	2.91
	pace example and illustration used and handling of topics)	End sem	48.08	30.40	12.90	3.47	5.14
6	Attitude towards students (i.e. with	Mid sem	45.50	32.94	16.14	3.27	2.16
	regards being approachable, providing guidance, advice and counseling)	End sem	48.71	30.51	12.02	3.03	5.73
7	Overall interest created in subject &	Mid sem	46.53	30.57	15.96	3.98	2.83
	motivation to learn the subject	End sem	48.58	29.12	12.61	4.08	5.60
8	Firm and maintains class discipline	Mid sem	43.59	34.97	15.58	3.71	2.16
	This and maintains class discipline	End sem	49.91	30.05	12.44	2.16	5.43
9	Syllabus coverage in time and coverage	Mid sem	46.04	32.73	15.47	3.48	2.26
1.19	of contents beyond syllabus	End sem	49.88	29.22	12.60	2.54	5.74
10	Quality of assignments demonstrations	Mid sem	44.73	33.84	14.69	3.60	3.12
EOFT	(Practical / tutorials conducted /test as applicable)	End sem	49.62	29.93	11.98	2.72	5.72



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<u>Graph showing feedback of Mechanical Engineering students for the Teachers SEM –I (2022-</u> 23)

Mid Sem Feedback Semester 1 2022-23	End Sem Feedback Semester 1 2022-23
Q1: Communication Skills (i.e. Teacher's ability to communicate the Subject clearly & audibly)	Q1: Communication Skills (i.e. Teacher's ability to communicate the Subject clearly & audibly)
2: Poor 2% 4: Fair 4% 6: Good 14% 10: Excellent 46%. 8: Very Good 33%	4: Fair 3% 6: Good 13% 8: Very Good 29%
Q2:Ability to explain subject matter and clear doubts 2: Poor, 2.22 4: Fair, 5.19	Q2:Ability to explain subject matter and clear doubts 2: Poor, 5.42
doubts	doubts
















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Department of Computer Engineering

Academic year	Branch	Semester	Year	Mid/ End	No. of students
	Computer Engineering		SE A & B	Mid sem	62
2022-23		Sem I		End sem	83
		John 1	TE A & B	Mid sem	80
				End sem	83
			BE	Mid sem	70
				End sem	83
	Computer		SE A & B	Mid sem	74
2022-23	Engineering	Sem II		End sem	83 74 70
			TE A & B	Mid sem	66
				End sem	50
			BE	Mid sem	58
				End sem	43

Department of Mechanical Engineering SEM-1 2022-23

Q. No	Parameters	Semester	Poor	Fair	Good	Very Good	Excellen
1	Communication Skills	Mid sem	0.29	2.17	6.42	24.17	66.95
		End sem	0.81	1.37	4.11	18.33	75.37
2	Ability to explain subject matter and clear doubts	Mid sem	0.38	1.87	7.34	25.42	64.98
		End sem	0.75	1.60	4.36	19.27	74.02
3	Regular and punctual in conducting classes	Mid sem	0.39	1.21	5.89	21.46	71.04
		End sem	0.75	1.25	4.10	17.63	75.73
4	Presentation(via blackboard/power point whichever used while teaching) is clear, organized and easily readable	Mid sem	0.34	1.92	6.21	23.57	67.96
		End sem	0.86	1.51	4.21	19.27	74.14
5	Teaching methodology (i.e. Teaching pace example and illustration used and	Mid sem	1.40	2.30	7.59	24.45	64.26
	handling of topics)	End sem	1.61	2.21	6.63	22.11	67.44
6	Attitude towards students (i.e. with regards being approachable, providing guidance, advice and counselling)	Mid sem	0.44	1.67	6.85	22.35	68.69
		End sem	0.79	1.53	3.98	18.89	74.76
7	motivation to learn the subject	Mid sem	0.49	1.70	6.92	25.93	64.97
		End sem	0.83	1.84	4.24	19.56	73.50
8	Firm and maintains class discipline	Mid sem	0.25	1.86	6.25	23.35	68.29
1		End sem	1.03	1.35	4.04	19.93	73.62
9	Syllabus coverage in time and coverage of contents beyond syllabus	Mid sem	0.30	1.50	5.35	27.78	65.07



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Quality of assignments demonstrations (Practical / tutorials conducted /test as	Mid sem	0.34	1.51	6.22	24.07	67.86
applicable)	End sem					
		1.01	1.37	4.05	18.69	74.56

Graph showing feedback of Computer Engineering students for the Teachers

Students' Feedback for Teachers: No of Respondents: Sem I Mid Sem: 212

Sem I End Sem: 249













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SEM-2

Q. No	Parameters	Semester	Poor	Fair	Good	Very Good	Excellent
1	Communication Skills	Mid sem	0.58	1.01	5.62	17.79	75.00
		End sem	2.03	0.32	5.84	18.51	73.29
2	Ability to explain subject matter and clear doubts	Mid sem	0.41	1.24	6.08	20.33	71.94
		End sem	2.16	0.66	5.56	21.57	70.39
3	Regular and punctual in conducting classes	Mid sem	0.41	0.97	9.66	17.67	71.29
		End sem	1.88	0.67	5.03	18.75	73.66
4	Presentation(via blackboard/power point whichever used while teaching) is clear, organized and easily readable	Mid sem	0.31	0.83	5.78	17.55	75.53
		End sem	2.07	0.42	5.27	21.28	71.30
5	Teaching methodology (i.e. Teaching pace example and illustration used and handling of topics)	Mid sem	1.49	2.11	7.29	22.86	66.26
		End sem	2.10	1.86	7.47	21.55	67.03
6	Attitude towards students (i.e. with regards being approchable, providing guidance, advice and counselling)	Mid sem	0.41	0.93	6.06	16.63	75.97
		End sem	2.26	0.33	5.82	21.07	70.87
7	Overall interest created in subject & motivation to learn the subject	Mid sem	0.41	0.82	10.20	18.29	70.29
		End sem	2.06	1.02	5.67	17.75	73.50
8	Firm and maintains class discipline	Mid sem	0.41	1.27	5.40	18.63	74.29
		End sem	1.97	0.42	5.65	21.87	70.43
9	Syllabus coverage in time and coverage of contents beyond syllabus	Mid sem	0.58	0.86	6.52	18.78	73.26
		End sem	1.87	0.75	5.49	17.92	73.98
10	Quality of assignments demonstrations (Practical / tutorials conducted /test as applicable)	Mid sem	0.48	1.16	6.02	19.89	72.45
		End sem	2.38	0.20	5.81	21.29	70.68





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Students' Feedback for Teachers: No of Respondents: Sem I Mid Sem: 198

Sem I End Sem: 163













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Analysis of feedback:

The feedback sessions, conducted twice during each semester, aimed to assess teaching effectiveness across ten parameters. Students are instructed to rate in the range from "Poor" to "Excellent." The scores are averaged for each parameter, and the results are analyzed in terms of mid-semester and end-semester evaluations, as well as comparisons between the two semesters.

The mid-semester feedback of AY 2022-23 indicated a generally positive perception across most parameters. Notable strengths included commendable scores in communication skills, presentation, and syllabus coverage. However, certain areas, such as attitude towards students, firmness in maintaining discipline, and punctuality, revealed room for improvement.

The end-semester feedback demonstrated noticeable improvements compared to mid-semester evaluations. Significant enhancements were observed in communication skills, the ability to explain subject matter, and the overall interest created in the subject. Attitude towards students, class discipline, and punctuality also showed positive shifts, indicating a positive trend over the course of the semester.

In comparing the two semesters, common positive trends emerged. Communication skills witnessed improvement from mid to end semester in both Semester 1 and Semester 2. Similarly, the parameter of overall interest created in the subject displayed positive shifts. The action taken to focus on communication methods and strategies to increase student motivation seemed effective in both semesters.

Overall interest created in the subjects & motivation to learn the subject remained an area that, while showing improvement, could benefit from further emphasis. Additionally, the teacher's attitude towards students, while improving, continued to be an area for ongoing improvement, particularly in terms of approachability.

Several proactive measures are implemented to address the identified areas for improvement. Workshops are conducted to enhance teachers' approachability and counseling skills. Interactive teaching methods are introduced to encourage discussions and dynamic presentations, utilizing ICT tools effectively. Regular feedback sessions are initiated to ensure continuous improvement and address concerns promptly. Syllabus planning is improved to ensure coverage and include focus on relevant topics beyond the syllabus.

The critical textual comments of students provided valuable insights for corrective measures. The consistent implementation of action plans and workshops has contributed to positive shifts in student perceptions. Continuous monitoring and adaptability will further contribute to sustained improvement in subsequent semesters.



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Summary of Action Taken

Teachers' participation in Faculty Development Programs (FDPs) has significantly contributed to improvements across various parameters based on student feedback. Following are some of the FDPs that were conducted in the year 2022-23, that may have had a positive impact on the faculty feedback:

1) Inculcating Universal Human Values:

This program enhanced teachers' understanding of fostering ethics, works, positive attitudes and behaviors, positively influencing parameters such as attitude towards students, maintaining class discipline, and overall interest in the subject.

2) Outcome-based Education through Student-Centric Teaching-Learning Process:

The focus on outcome-based education and student-centric teaching processes led to adjustments in methodologies aligned with student needs. This positively influenced rating in teaching methodology, ability to explain subject matter, and overall interest in the subject.

3) Inspiring India in Research, Innovation, and STEM Education:

Collaborating with CSIR National Chemical Lab on IP and Knowledge Management exposed teacher's concepts of intellectual property and innovation learning to practical applications encourages students to take up R&D or Innovation Project as well as improving parameters like presentation, quality of assignments, and syllabus coverage.

4) Workshop on Digital Creativity Skills

This workshop was aimed to equip faculty with the necessary skills and knowledge to better integrate digital tools into their teaching practices and provide them with practical strategies, tools and templates to engage creativity and inspire the students

5) Effective teaching.

It was intended to familiarize the teachers to be well equipped not only with subject knowledge but also be well acquainted with effective teaching techniques, pedology and evaluation methods.





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To enhance the subject matter knowledge and pedagogical skills faculties are also encouraged for attending the FDPs on core subjects. The list of FDPs attended by faculty in AY 2022-23 is given below:

- 1. VLSI Design & Nano electronics: Emerging Challenges & Opportunities
- 2. Performance Analysis of Wireless Communication System
- 3. Advances in 5G and Next Generation Networks (5GNGN)
- 4. Basic of Electrical Vehicle and its Design Process
- 5. Modelling & Simulation of Renewable Energy Systems
- 6. Training on AWS IOT Core Using Industry Grade Microcontroller
- 7. Internship on "Embedded Systems-ARM & Arduino
- 8. Workshop on Data Analytics for all faculty
- 9. Recent Trends in Computation
- 10. Emerging Research Trends in Computing Technologies
- 11. Augmented & Virtual Reality with Data Science
- 12. Deep Learning" in association with CSI & IEEE

Activities conducted for better results and holistic development:

a. Better results

- Class tests and assignments are regularly taken for each subject.
- Reducing Student Absenteeism by Tracking and Evaluating Attendance Data
- Remedial classes for weak students are conducted regularly.
- Complimenting students for their performance makes them feel as if they are valued as individuals and can provide a spark that encourages them to try harder and perform beyond expectations. Institute makes a concerted effort to find the strengths in students and compliment them on their performance by giving them following awards:

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- Best All Round outgoing student
- First in Merit of final year Girl Students in Academic
- Award for Academic excellence (Passed out students)
- Scholarships for Academic excellence
- Scholarships for Needy children of Retired OR
- Best sports person
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- Best attendance
- Best Innovation Project

b. Holistic development

- Education can be fully effective if it helps students to become a productive and contributing member to the society. To achieve this the institute has fosters following process regularly:
- Counseling process: Every teacher has a batch of 15-20 students under him/her. The teachers interact with his/her counseling batch on weekly basis and ensure a one to one interaction 4 5 times in a semester. Teacher counsels each student and monitors his/ her progress. If in some cases a need of professional counseling is felt, then the student is counseled by a professional counselor.
- Student mentor system: Four or five first year students are placed under mentorship of a second year student. This student provides the first year student guidance and advice after college hours. The second year student is carefully selected based on recommendation of his/her counselor regarding suitability as a mentor.
- Sports Activities and Clubs: College has various clubs targeting in areas of cocurricular, outdoor and cultural fields which are responsible for conducting different intra-college & intercollegiate activities. Each club has faculty in-charges and student secretaries to guide the students. These vibrant clubs are aimed at peer learning, competitive spirits, soft skills, life skill, leadership, industry connect/connect with investors/ Startups and all round development.
- For improving the educational experience students, teachers, parents, and alumni are made to openly share and express ideas by holding meetings and communication forums.
 - Directors address
 - Parents meet
 - Alumni meet

Activities conducted for raising social consciousness:



Social awareness helps students build a more nuanced and accurate understanding of the world around them.

The NSS club of our institute aims at developing amongst students a sense of participation in nation building through Social Work. This deepens understanding of the social environment



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and enriches his/her personality through actual participation in day-to-day life of the society. This process of learning is not only a desirable supplement to the classroom education but develops in the student a sense of responsibility, tolerance and cooperation. The NSS plays a vital role in the development of the latent aspects of the student's personality.

- The NSS indulges in a wide range of activities, which includes the regular activities and the special camping programme.
 - Raksha Bandhan celebration with visually impaired and orphan students. 0
 - Cleanliness drive within AIT campus 0
 - Independence Day celebration 0
 - Blood donation camp 0
 - Candle march 6 International women's day celebration 0
 - Para Athletics championship 0
 - Visit to para rehabilitation centre 0
 - Singhad fort cleaning drive 0
 - Food donation drive during the AlandiYatra 0
 - Cleaning drive 0

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- Amethyst is vibrant tapestry of creativity and diversity, where the campus comes alive with kaleidoscope of creative expressions. This provide platform for students to showcase their talent. Foster a sense of unity and comraderies with other institutes and student community.
- Students visited Kanha Shanti Vanam, Hyderabad to attend the International Youth Conference with the theme "Rising with Kindness". The activities of the conference included Yoga, Meditation, tree plantation, interactions and addresses with dignitaries like Shri K. T. Rama Rao, UNESCO MGIEP Dr. Anantha, Mr. Ved Abhyas, working with Ministry of Culture, GOI, Dr. Pooja Sahani, Environmental and neuroscientist, S. Joshina Chinappa, India's star squash player amongst others. Our students also got an opportunity to connect with students of various backgrounds from all over India.
- Festivals of all religions are conducted with maximum student participation. These inculde Krishna Janmasthmi, Ganesh Festival Celebrations, Diwali Celebration, Gurunanak Jayanti, Christmas Celebrations, Lohri Celebration, Pranpratisthan Samaroh, Shivratri, Holi, Ramnavmi, Hanuman Jayanti, Eid.

reditation and Chanting: Students have been coming together on some Tuesdays for prayer meetings. This involved meditation and chanting, and sometimes singing bhaians. The



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students felt more confident and at peace after the event. As students put it, finding their voice amongst all the other voices brought them joy, calmed them and most importantly helped them focus.

• FE Induction program conducted for all first year students includes modules on Universal Human values, Environmental science.

Activities conducted for promoting eco-consciousness and sustainability:

• Modules on Environmental science and sustainability are included in the Induction program for all first year students

Overall Impact:

These programs collectively equipped teachers with technical skills and a holistic approach to education. Instilling universal human values, promoting student-centric teaching, and encouraging research and innovation have positively impacted the learning environment. The improved ratings in student feedback reflect a direct link between professional development and enhanced teaching effectiveness.

Sushan

Dr Sushma Patil Preceding Officer

Dr. B P Patil Principal

Brig Abhay A Bhat

Brig Abnay A Bha Director

