



Student Satisfaction Survey

Key Indicator - 2.7.1

Under Criterion II of Teaching – Learning and Evaluation

Student Satisfaction Survey Analysis Report AY 2022-23

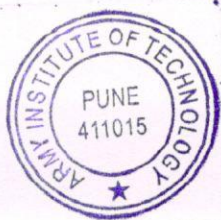
Student Satisfaction Survey (SSS) is one of the mandatory criteria set by National Assessment and Accreditation Council (NAAC). It is also a pre qualifier for Assessment and Accreditation of the institution.

Introduction:

The Army Institute of Technology, College for Engineering, Pune, has been constantly involved in enhancing the academic growth of students with regard to Teaching and Learning process. Every year at the end of the Academic Year students' feedback is taken to know the areas of improvement. Following is the unbiased report of the students which is based on the questionnaire provided by NAAC. A survey of students' satisfaction was conducted in 2023 during the month of September. All students enrolled during 2023 were informed through email to participate in this online survey, where 521 students responded. Participation was voluntary, and respondents were ensured confidentiality.

About Survey:

The institute has taken the feedback from students on their satisfaction about various parameters. The questionnaire is based on the Likert type scale that means the responses are scaled on a scale of 0 to 4, with the **most positive response** being rated as **4** and the **most negative response** being rated as **0**. The score emerging out of the survey is part of the second criterion on Teaching-Learning and Evaluation, out of the seven NAAC criteria. The questionnaire consists of several facets of the teaching learning process. Questions vary from specific teaching skills of the teacher, to his overall approach to the pedagogical process. Specific skills of the teacher like, subject knowledge, communication skills, class preparation, and use of ICT tools are part of the questionnaire. The overall approach of the teacher and institution with respect to providing the right environment, motivation, interpersonal relationships, feedback etc. forms the second major component of the questionnaire. Twenty of the twenty one questions are objective in nature, while one question is open ended to elicit observations and suggestions for improvements providing an opportunity to the student to give suggestions and criticisms in their own words.





A committee was formed for preparing a feedback and student's satisfaction survey analysis and action taken report.

DIRECTOR'S SECRETARIAT

NOTICE - 140/2023

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

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

a) Presiding Officer -	Dr. Sushma Patil	E & TC Dept
b) Members -	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
	5. Ms Anjali Hudedamani	IT Dept
	6. Mrs. Swati Salunkhe	ASGE Dept
	7. Mr. Pravin Sangale	E & TC Dept
	8. Mr. Rohan Sonavane	IT Dept
	9. Mr. Sunil Shikare	Mech Dept
	10. Mrs. Priyanka Holkar	Comp Dept
	11. Mrs. Padmavati Sankpal	IQAC Office

2. 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.

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Army Institute of Technology
Dighi Hills, Pune - 411015

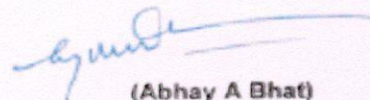
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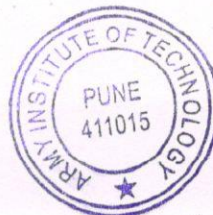
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(Abhay A Bhat)
Brig (Retd)
Director



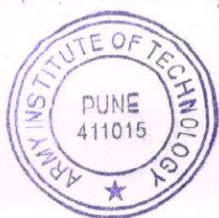


The students are asked to give their feedback on 0 to 4 Like scale where:

- 0 – (Below 30%),
- 1 – (30% to 54%),
- 2 – (55 % to 69%),
- 3 – (70 % to 84%) and
- 4 – (85% to 100%).

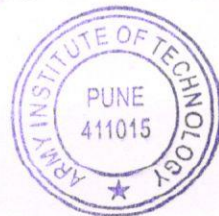
The set of questions is given in the following table:

Sr. No.	Questions	Options
1.	How much of the syllabus was covered in the class?	4 – 85 to 100% 3 – 70 to 84% 2 – 55 to 69% 1 – 30 to 54% 0 – Below 30%
2.	How well did the teachers prepare for the classes?	4 – Thoroughly 3 – satisfactorily 2 – Poorly 1 – Indifferently 0 – Won't teach at all
3.	How well were the teachers able to communicate?	4 – Always effective 3 – Sometimes effective 2 – Just satisfactorily 1 – Generally ineffective 0 – Very poor communication
4.	The teacher's approach to teaching can best be described as	4 – Excellent 3 – Very good 2 – Good 1 – Fair 0 – Poor
5.	Fairness of the internal evaluation process by the teachers.	4 – Always fair 3 – Usually fair 2 – Sometimes unfair 1 – Usually unfair 0 – Unfair
6.	Was your performance in assignments discussed with you?	4 – Every time 3 – Usually 2 – Occasionally/ Sometimes 1 – Rarely 0 – Never
7.	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students	4 – Regularly 3 – Often 2 – Sometimes 1 – Rarely





Sr. No.	Questions	Options
		0- Never
8.	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	4 - Significantly 3 - Very well 2 - Moderately 1 - Marginally 0- Not at all
9.	The institution provides multiple opportunities to learn and grow.	4 - Strongly agree 3 - Agree 2 - Neutral 1 - Disagree 0- Strongly disagree
10.	Teachers inform you about your expected competencies, course outcomes and program outcomes	4 - Every time 3 - Usually 2- Occasionally/ Sometimes 1 - Rarely 0- Never
11.	Your mentor does a necessary follow-up with an assigned task to you.	4 - Every time 3 - Usually 2 - Occasionally/ Sometimes 1 - Rarely 0 - I don't have a mentor
12.	The teachers illustrate the concepts through examples and applications.	4 - Every time 3 - Usually 2 - Occasionally/ Sometimes 1- Rarely 0 - Never
13.	The teachers identify your strengths and encourage you with providing right level of challenges	4 - Fully 3 - Reasonably 2 - Partially 1 - Slightly 0- Unable to
14.	Teachers are able to identify your weaknesses and help you to overcome them.	4 - Every time 3 - Usually 2 - Occasionally/ Sometimes 1 - Rarely 0 - Never
15.	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.	4 - Strongly agree 3 - Agree 2 - Neutral 1 - Disagree 0 - Strongly disagree
16.	The institute/ teachers use student centric methods, such as experiential learning, participative learning	4 - To a great extent 3 - Moderate 2 - Some what





Sr. No.	Questions	Options
	and problem solving methodologies for enhancing learning experiences.	1 – Very little 0 – Not at all
17.	Teachers encourage you to participate in extracurricular activities.	4 – Strongly agree 3 – Agree 2 – Neutral 1 – Disagree 0 – Strongly disagree
18.	Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.	4 – To a great extent 3 – Moderate 2 – Some what 1 – Very little 0 – Not at all
19.	What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.	4 – Above 90% 3 – 70 – 89% 2 – 50 – 69% 1 – 30 – 49% 0 – Below 29%
20.	The overall quality of teaching-learning process in your institute is very good.	4 – Strongly agree 3 – Agree 2 – Neutral 1 – Disagree 0 – Strongly disagree
21.	21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.	

Guidelines for Students:

- **Students are instructed to keep the following points in Mind before Completing the Feedback**
 - **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.
 - **Consciousness:** 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.



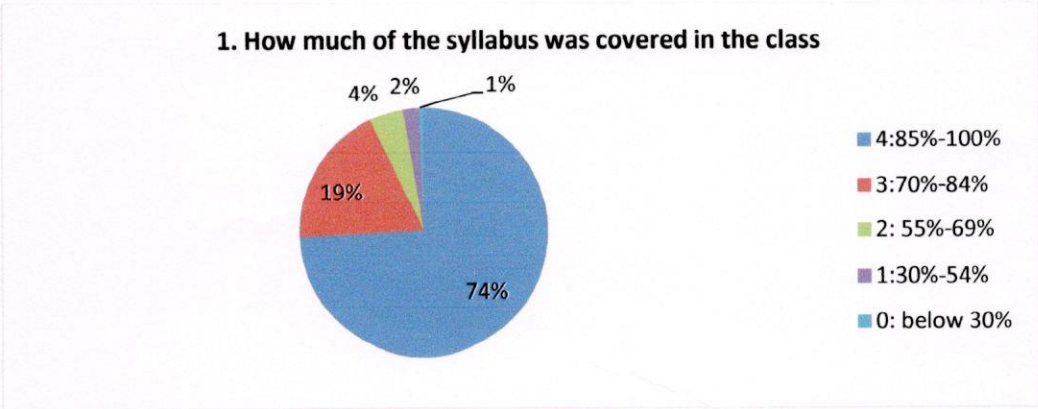


- The instructor cannot see the results until the final grades for the course have been submitted and processed.
- **Students are informed to consider the following points while writing comments:**
 - Constructive feedback from students is a valuable resource for improving teaching. The feedback should 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.

The institute has received feedback from total 521 students from all the disciplines (Applied Science and General Engineering, Electronics & Telecommunication, Mechanical, Information Technology and Computer Science).

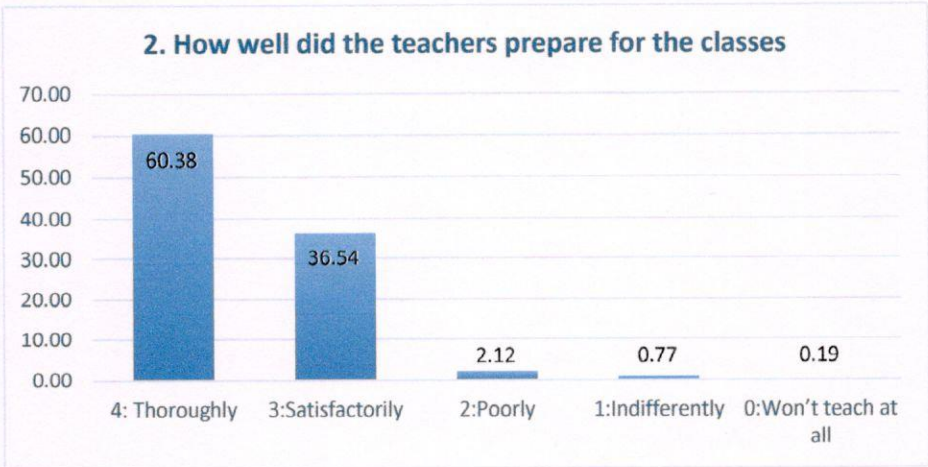
The details of feedback analysis are as follows:

Question	1. How much of the syllabus was covered in the class?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
85 to 100%	4	387	521	74.28
70 to 84%	3	97	521	18.62
55 to 69%	2	23	521	4.41
30 to 54%	1	11	521	2.11
Below 30%	0	3	521	0.58

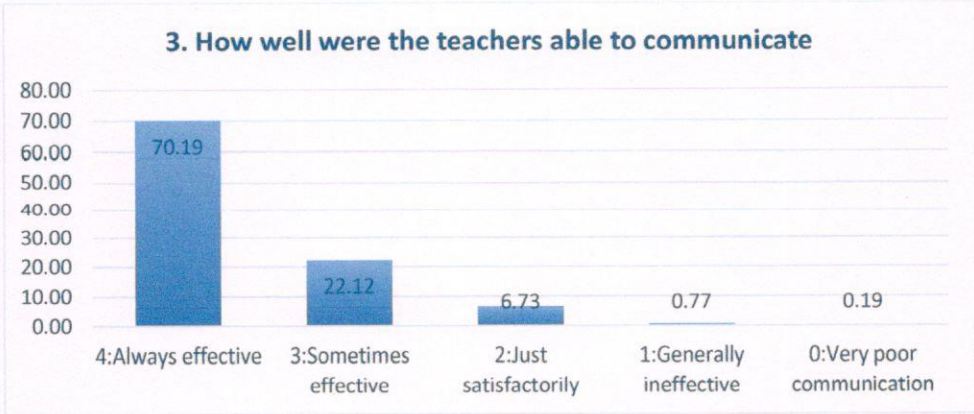




Question	2. How well did the teachers prepare for the classes?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Thoroughly	4	314	520	60.38
Satisfactorily	3	190	520	36.54
Poorly	2	11	520	2.12
Indifferently	1	4	520	0.77
Won't teach at all	0	1	520	0.19

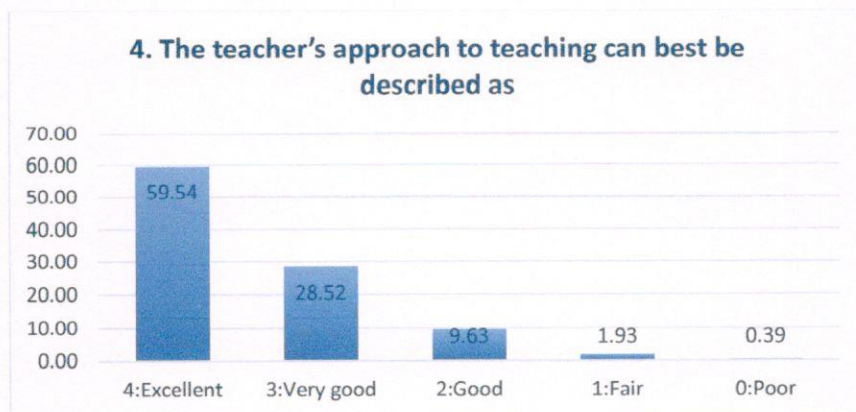


Question	3. How well were the teachers able to communicate?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Always effective	4	365	520	70.19
Sometimes effective	3	115	520	22.12
Just satisfactorily	2	35	520	6.73
Generally ineffective	1	4	520	0.77
Very poor	0	1	520	0.19

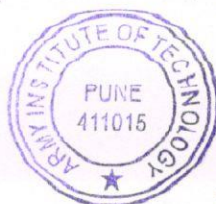
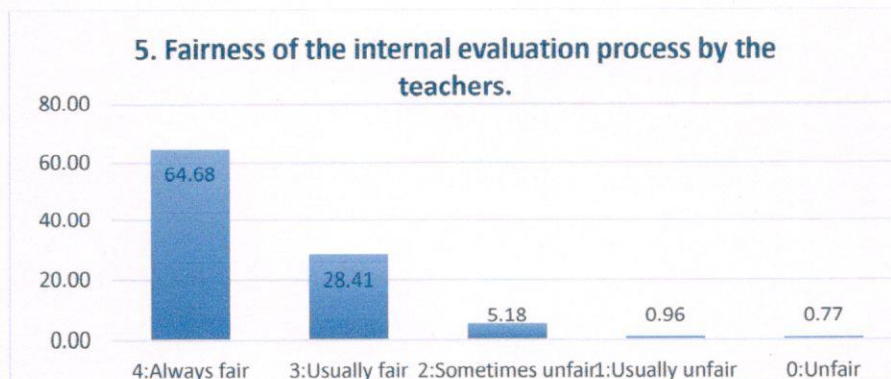




Question	4. The teacher's approach to teaching can best be described as			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Excellent	4	309	519	59.54
Very good	3	148	519	28.52
Good	2	50	519	9.63
Fair	1	10	519	1.93
Poor	0	2	519	0.39

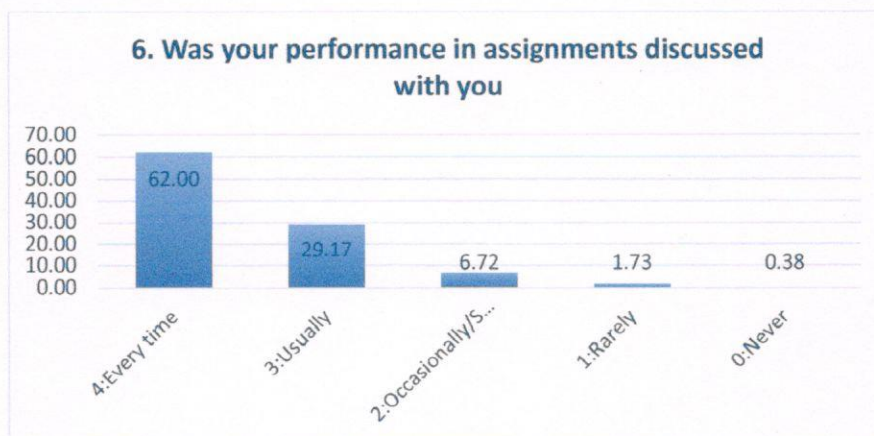


Question	5. Fairness of the internal evaluation process by the teachers.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Always fair	4	337	521	64.68
Usually fair	3	148	521	28.41
Sometimes unfair	2	27	521	5.18
Usually unfair	1	5	521	0.96
Unfair	0	4	521	0.77

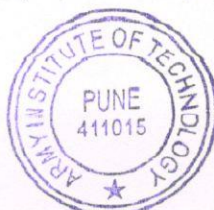
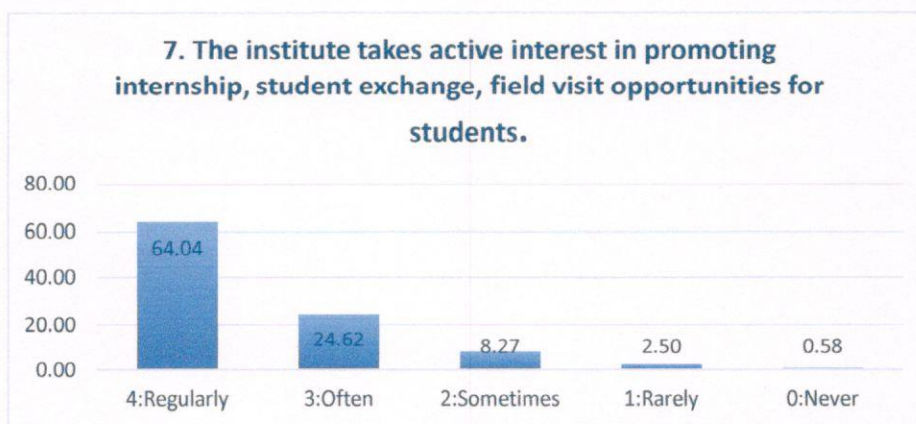




Question	6. Was your performance in assignments discussed with you?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	323	521	62.00
Usually	3	152	521	29.17
Occasionally/ Sometimes	2	35	521	6.72
Rarely	1	9	521	1.73
Never	0	2	521	0.38

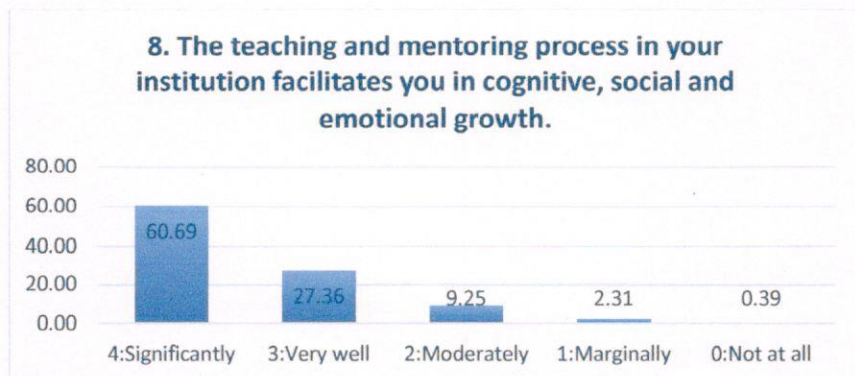


Question	7. The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Regularly	4	333	520	64.04
Often	3	128	520	24.62
Sometimes	2	43	520	8.27
Rarely	1	13	520	2.50
Never	0	3	520	0.58

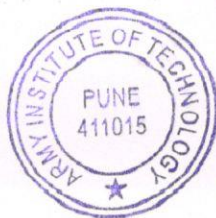
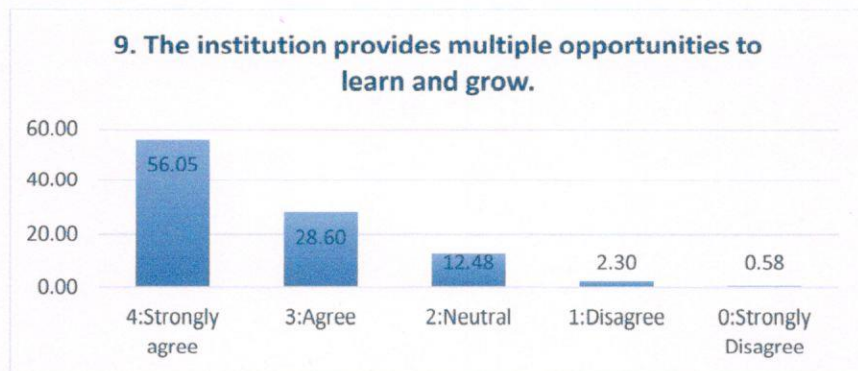




Question	8. The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.			
Answer	Value	No. response(s)	No. of Respondents	Response
Significantly	4	315	519	60.69
Very well	3	142	519	27.36
Moderately	2	48	519	9.25
Marginally	1	12	519	2.31
Not at all	0	2	519	0.39

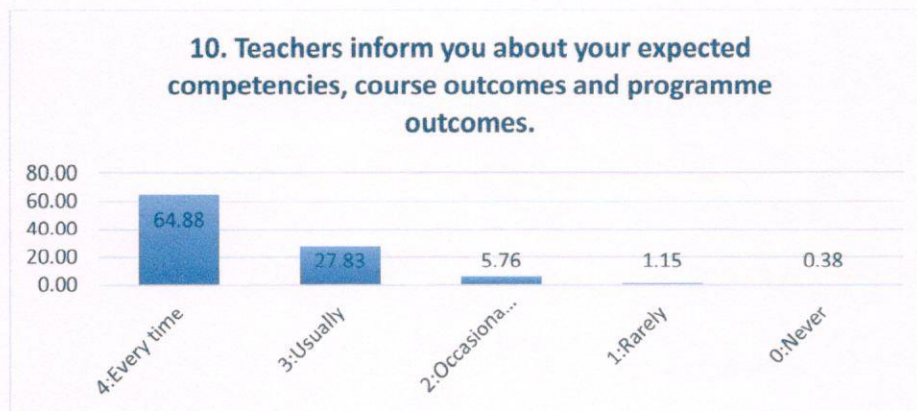


Question	9. The institution provides multiple opportunities to learn and grow.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	292	521	56.05
Agree	3	149	521	28.60
Neutral	2	65	521	12.48
Disagree	1	12	521	2.30
Strongly Disagree	0	3	521	0.58

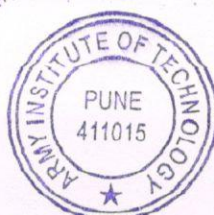
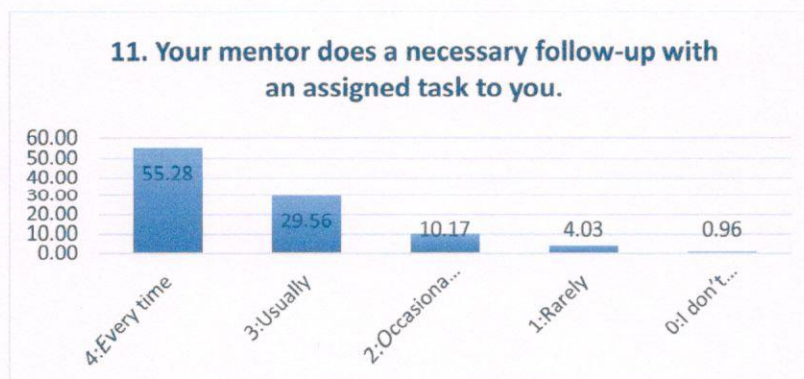




Question	10. Teachers inform you about your expected competencies, course outcomes and programme outcomes.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	338	521	64.88
Usually	3	145	521	27.83
Occasionally/ Sometimes	2	30	521	5.76
Rarely	1	6	521	1.15
Never	0	2	521	0.38

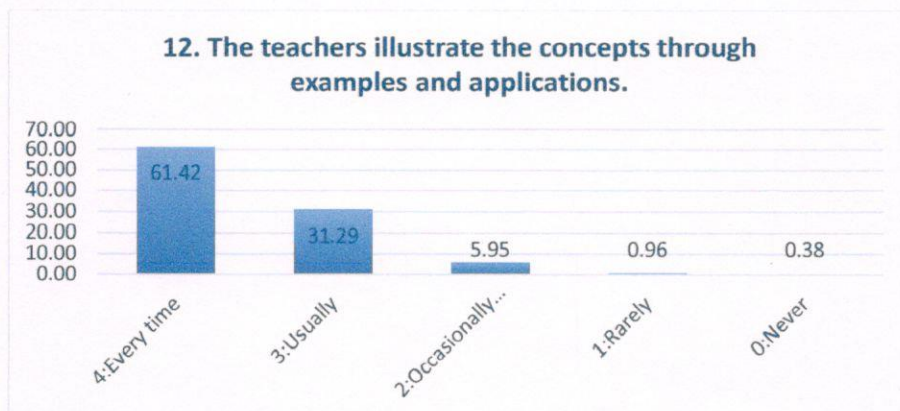


Question	11. Your mentor does a necessary follow-up with an assigned task to you.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	288	521	55.28
Usually	3	154	521	29.56
Occasionally/ Sometimes	2	53	521	10.17
Rarely	1	21	521	4.03
I don't have a mentor	0	5	521	0.96

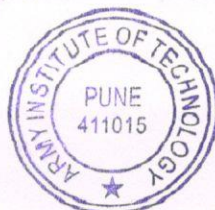
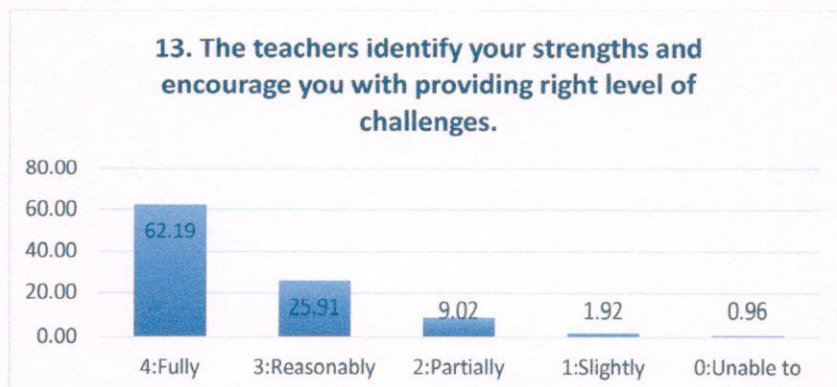




Question	12. The teachers illustrate the concepts through examples and applications.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	320	521	61.42
Usually	3	163	521	31.29
Occasionally/ Sometimes	2	31	521	5.95
Rarely	1	5	521	0.96
Never	0	2	521	0.38

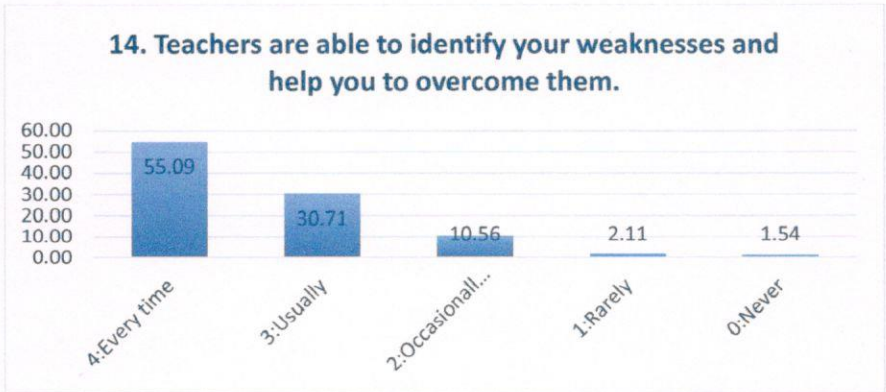


Question	13. The teachers identify your strengths and encourage you with providing right level of challenges.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Fully	4	324	521	62.19
Reasonably	3	135	521	25.91
Partially	2	47	521	9.02
Slightly	1	10	521	1.92
Unable to	0	5	521	0.96

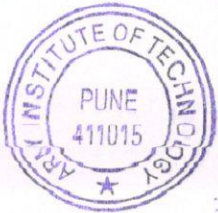
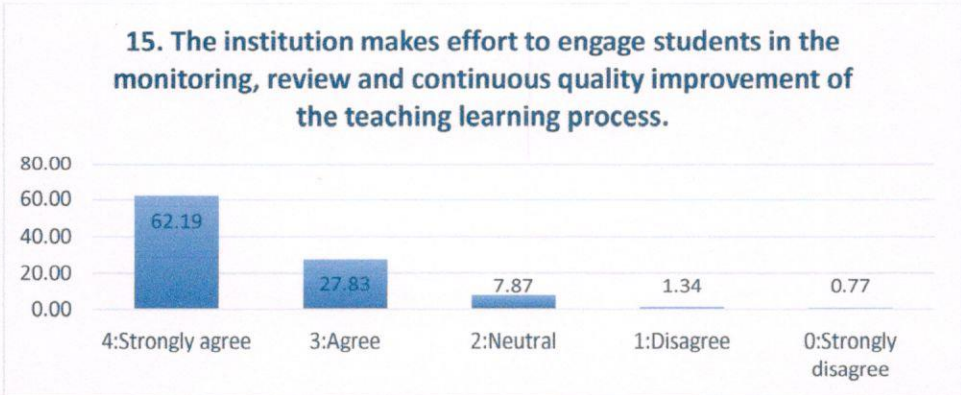




Question	14. Teachers are able to identify your weaknesses and help you to overcome them.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	287	521	55.09
Usually	3	160	521	30.71
Occasionally/ Sometimes	2	55	521	10.56
Rarely	1	11	521	2.11
Never	0	8	521	1.54

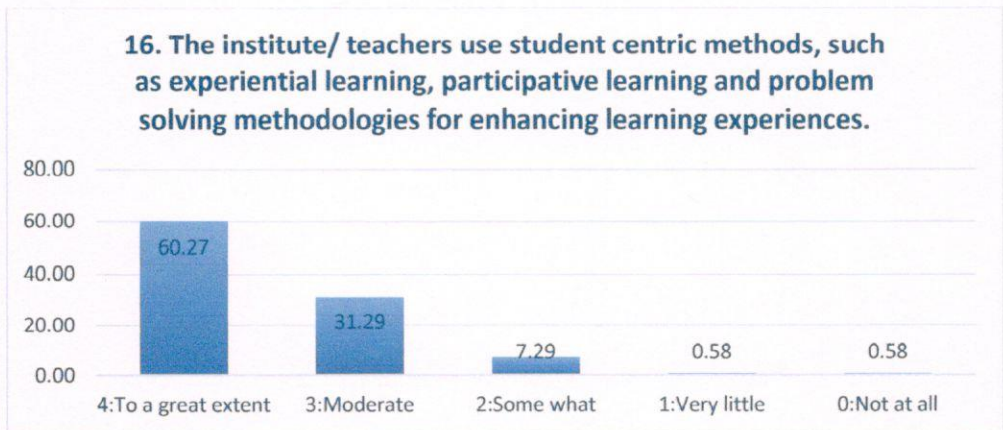


Question	15. The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	324	521	62.19
Agree	3	145	521	27.83
Neutral	2	41	521	7.87
Disagree	1	7	521	1.34
Strongly disagree	0	4	521	0.77

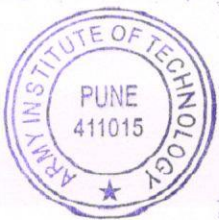
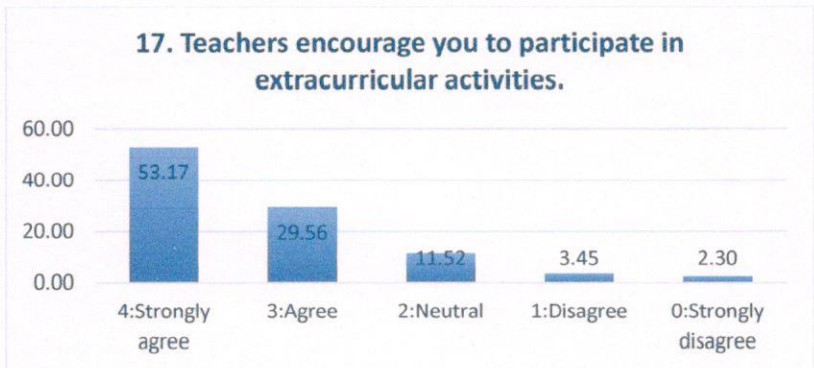




Question	16. The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
To a great extent	4	314	521	60.27
Moderate	3	163	521	31.29
Some what	2	38	521	7.29
Very little	1	3	521	0.58
Not at all	0	3	521	0.58



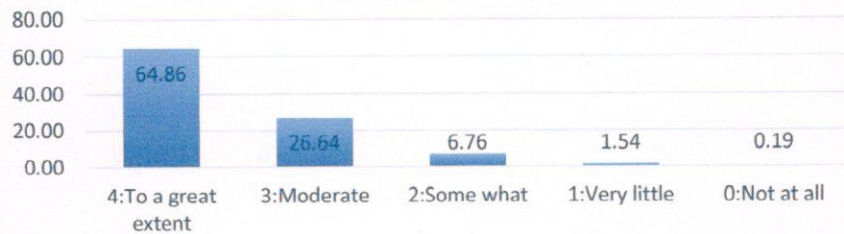
Question	17. Teachers encourage you to participate in extracurricular activities.			
Answer	Value	No. of response(s)	No. of Respond-	Response %
Strongly agree	4	277	521	53.17
Agree	3	154	521	29.56
Neutral	2	60	521	11.52
Disagree	1	18	521	3.45
Strongly disagree	0	12	521	2.30





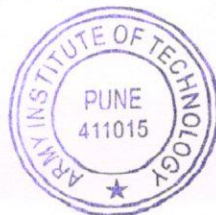
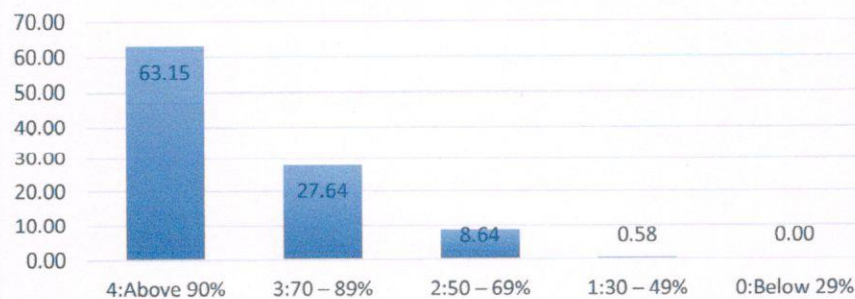
Question	18. Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
To a great extent	4	336	518	64.86
Moderate	3	138	518	26.64
Some what	2	35	518	6.76
Very little	1	8	518	1.54
Not at all	0	1	518	0.19

18. Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.



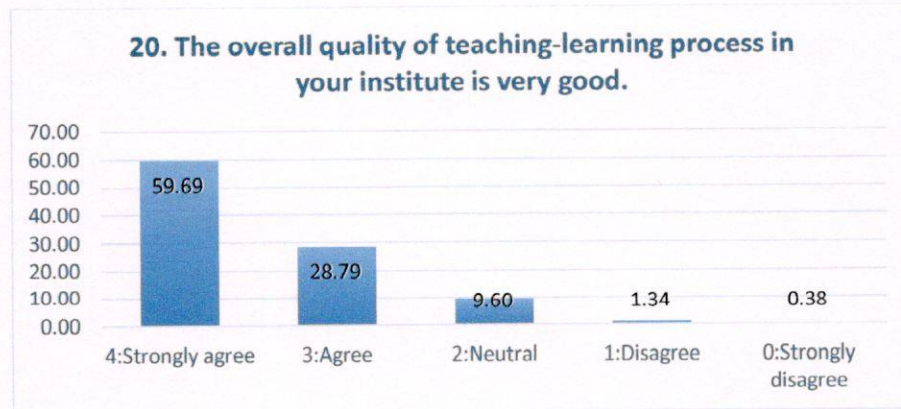
Question	19. What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Above 90%	4	329	521	63.15
70 – 89%	3	144	521	27.64
50 – 69%	2	45	521	8.64
30 – 49%	1	3	521	0.58
Below 29%	0	0	521	0.00

19. What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.





Question	20. The overall quality of teaching-learning process in your institute is very good.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	311	521	59.69
Agree	3	150	521	28.79
Neutral	2	50	521	9.60
Disagree	1	7	521	1.34
Strongly disagree	0	2	521	0.38



Findings and Analysis:

1) Syllabus courses:

In response to the opinions about the syllabus covered in the class, near about 73% of the students have reported that 90-100% syllabus gets covered in the class

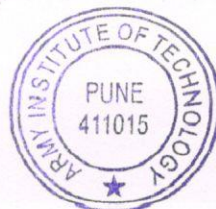
2) Teacher Program:

Nearly 60% of the students opine that the teachers are very well prepared and teach thoroughly during the lectures and practical. The students who have reported satisfactorily about the preparedness of the teachers are more than 37%. Hence it can be inferred that majority of the students are satisfied with the preparedness of the teachers during the lectures and practical.

3) Communication skills of Teachers:

Effective communication skills are really important for a teacher in transmitting of education, classroom management and interaction with students in the class. Teacher has to teach the students having different thinking approaches. 70% of students responded that the teachers are ably effective in communication at listening to their students as well as explaining things clearly.

4) Approach to Teachers:





Regarding faculty's approach towards teaching is described positively by majority of the students which is an achievement in itself. 88% of students responded that the teacher's approach to teaching can best be described.

5) Fairness of internal evaluation:

In case of fairness of the internal evaluation process, more than 64% students feel that it's always fair, and as per 29% of them it is usually fair. Less than 1% of the students feel that the internal evaluation process is unfair.

6) Assignments and continuous learning:

An assignment fulfills the cause of a continuous learning process and is used to judge a student's adaptability, cognitive power, and craft to use the acquired knowledge. 91% of students responded that every time and usually teachers discuss their performance of assignments.

7) Promoting Internships:

89% of students responded that the institute takes active interest in promoting internship, field visit opportunities for them.

8) Mentoring by Teachers:

In education, mentoring is a complex and multi-dimensional process of guiding, teaching, influencing, supporting and facilitating a beginning of development of students. In our institution, teachers approach students not just as teachers, but also as mentors and guides. 88% of students responded that the teaching and mentoring process in the institution facilitates them in cognitive, social and emotional growth.

9) Overall opinion about institute

Regarding the opinions about the institute it is satisfactory to note that majority of the students have given very positive remarks about the institute. 85% of students responded that the institution provides multiple opportunities to learn and grow.

10) Teachers informing about expected competencies

86% of students responded that the teachers every time and usually inform about the expected competencies, course outcomes and programme outcomes.

11) Follow up by mentors

86% of students responded that their mentor every time and also the mentor assigned to them usually does a necessary follow-up with an assigned task to them.

12) Illustrations through Examples and Application

Case studies provide a context-rich opportunity for students to learn about real problems and to think critically about potential solutions to these problems. 93% of students responded that their teachers every time and usually illustrate the concepts through examples and applications.

13) Identification of strength by Teachers

88% of students responded that their teachers fully and reasonably identify student's strengths and encourage them with providing right level of challenges. The proportion of students negatively evaluating this particular factor is very negligible.





14) Dealing efficiently and sensitively with students who are under performing academically can be difficult. Therefore, it is crucial to approach students who need more support in a strategic and thoughtful manner. They need extra guidance and assistance. 86% of students responded that their teachers are able to identify the students' weaknesses and help them to overcome them.

15) Regarding the opinions about the institute it is satisfactory to note that majority of the students have given very positive remarks about the institute. 90% of students responded that the institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process by maintaining theory and practical attendance record and also the counseling record.

16) 92% of students are agree with the fact that, their institute/ teachers use student centric methods, such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.

17) 83% of student responded that they agree that the teachers encourage them to participate in extracurricular activities.

18) 91% students responded moderate efforts are made by the institute /teachers inculcate soft skills, life skills and employability skills.

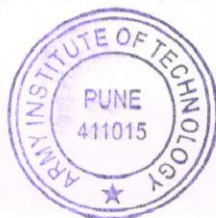
19) Information and Communication Technologies (ICT) can contribute to education key skills listening, speaking, reading and writing through various ways. 63% student responded that above 90% of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.

20) 88 % responded agree about the overall quality teaching-learning process s in the institute is very good is quite high.

While evaluating the overall quality of the teaching institute majority of the students have given positive remarks and reported their satisfaction about their learning experience in the institute

Action Taken and Its Impact

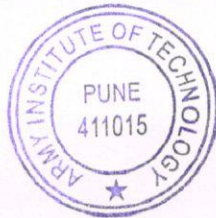
21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.		
Suggestions		Action taken
1	The department must be supportive in terms of sending students for internships and industrial training.	At institutional level SOP is prepared for internship so that each student will be benefitted. https://www.aitpune.com/rules/SOP%20FOR%20STUDENT%20INTERNSHIP%20PROGRAM.pdf





2	Arrange Doubt solving session	Communicated to all faculties to clear doubts also conduct one session at the end of semester
3	Better lighting on board and benches, Poor internet connectivity in class	Care should be taken for proper illumination and ventilation in class
4	More focus on off campus opportunities Ease the attendance criteria	At institutional level SOP for allocation of attendance is prepared for the student's benefit. Attendance criteria is eased for students on internship. Off campus internships are now availed by students. https://www.aitpune.com/rules/SOP%20for%20Attendance%20Award.pdf
5	Incorporate Interactive and Practical Learning Emphasize Technology Integration: Implementing the latest educational technologies, such as virtual reality, educational software, and online learning platforms, can significantly enhance	The Artificial Reality and Virtual Reality club is established for the students.
6	Institute should not only focus on academic but also give leaves to students so that they get proper time to learn new skills. This will help us in participate in hackathons	The Open Source Software club has started organizing the Hackathon for students every year. There many more clubs and cells in the institute where students are encouraged to learn new skills. Students are permitted to go on leave to participate in hackathons.
7	Should introduce smart TVs in classes instead of projectors and should have ACs/ Duct in classroom	Most of the classrooms and labs have been renovated with modern tools and equipment's including smart boards and TVs.
8	It has been seen that schedule of the exams and practical are not student friendly. Please have a look on that	As our institute is affiliated to SPPU, we have to follow the exam time table set by them. Inconvenience was due to backlog of COVID

After analysis of student satisfaction survey, the committee arrived at a conclusion that most of the students have given a positive remark regarding their learning experience in the institute. Teacher's communication skills have significant role in the academic achievement of the





students and Teachers' this ability to communicate with the students has been noted by the students.

The feedback and action taken report reflects an overall positive trajectory in teaching effectiveness. Notable improvements were observed in communication, motivation, and overall teaching methodologies. No such adverse comments/ serious comments or observations were made in the faculty of institute

- Student satisfaction is often linked to their academic success and overall well-being in the educational environment.

1) Remedial classes along with proper counseling by the Faculty Advisors helped in improving the situation.

2) Introduction of Skill based courses, project based learning concept and mandatory internship is giving a good opportunity for the students to excel in their respective fields.

3) Issues like post pandemic situation and its impact on students, shift from online teaching and evaluation to offline mode are being taken care of by our management authorities, faculties and student counselors regularly and students are getting benefits in a big way.

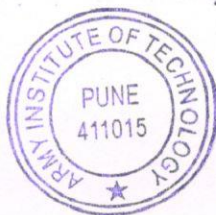
Also a Mental Health Committee is formed and has made a tie up with Jnana Prabodhini Institute of Psychology with the objective of getting professional training to our faculty for providing counselling for the needy students.

- Faculty development programs help teachers understand how to build positive relationships with students, provide timely and constructive feedback, and create a supportive learning environment.
- This, in turn, leads to increased student satisfaction as they feel more valued and understood in their learning journey.

Professional FDPs produce promising outcomes in the learning and teaching practices. Teachers' participation in Faculty Development Programs (FDPs) has significantly contributed to improvements across various parameters based on student feedback. The teachers were encouraged to attend following 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 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 likely 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 teachers to practical applications, improving parameters like presentation, quality of assignments, and syllabus coverage. This also enhanced communication skills.

4) Workshop on Digital Creativity Skills

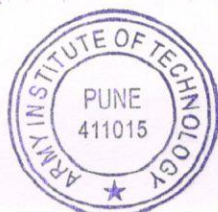
This workshop was aimed to equip faculties with the necessary skills and knowledge to better integrate digital creativity into their teaching practices and provide them with practical strategies, tools and templates to engage and inspire the students

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 and evaluation methods.

To enhance the subject matter knowledge and pedagogical skills faculties were also encouraged to attend the FDPs on core subjects listed 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





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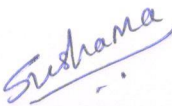
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Overall Impact

The students' feedback paints a highly positive picture of their educational experience at the institute. With approximately 73% affirming the comprehensive coverage of syllabus, a strong foundation for learning is evident. Nearly 60% of students express satisfaction with the teachers' preparedness and thoroughness in their lectures and practical sessions, further reinforcing the quality of instruction. Effective communication skills are noted in 70% of responses, indicating a conducive learning environment where students feel understood, and concepts are clearly explained. Faculty's teaching approach garners overwhelming praise, with 88% acknowledging its effectiveness. Moreover, the fairness of internal evaluations is upheld by over 64%, fostering a sense of equity among students. The institute's proactive stance in promoting internships and field visits is recognized by 89% of respondents, showcasing a commitment to holistic education. Additionally, the dual role of teachers as mentors and guides is embraced by 88% of students, nurturing cognitive, social, and emotional growth. Overall, the feedback underscores a deeply satisfying and enriching learning journey for the majority of students, characterized by comprehensive syllabus coverage, effective teaching methods, and supportive mentorship. The improved ratings in student feedback reflect a direct link between professional development and enhanced teaching effectiveness.


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