



**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

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**Student Satisfaction Survey**  
**Key Indicator - 2.7.1**  
**Under Criterion II of Teaching – Learning and Evaluation**

**Student Satisfaction Survey Analysis Report AY 2023-24**

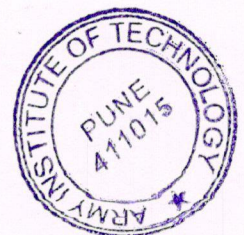
Student Satisfaction Survey (SSS) is one of the mandatory criteria set by National Assessment and Accreditation Council (NAAC). It is also a pre qualifier for Assessment and Accreditation of the institution.

**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 out 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.





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

### DIRECTOR'S SECRETARIAT NOTICE NO - 167/2024

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

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

(a)	Presiding Officer	Dr. Sushma Patil	IQAC Coordinator
		Mr. Anand Ramgude	IQAC Member
		Mrs. Padmavati Sankpal	IQAC Clerk
(b)	Departments Representatives	Mr. R S Godse	Mech Dept
		Ms. Mahima Jain	E&TC Dept
		Ms. Trupti Katte	Comp Dept
		Ms. Anjali Hudedamani	IT Dept
		Dr. Ketankumar Ganure	ASGE Dept
		Mrs. Swati Salunkhe	ASGE Dept Tech Asst (Chemistry)
		Ms. Mohini Shendge	E&TC Dept Lab. Assistant
		Mr. Sunil Shikhare	Mech Dept Programmer
		Mr. Rohan Sonavane	IT Dept Lab. Assistant
		Mrs. Priyanka Holkar	Comp Dept Lab. Assistant

2. The department representatives will analyze the feedback of their respective department and will put up the action taken report in the same format approved in the academic AY 2022-23.
3. The Presiding officer along with IQAC member and clerk will analyze and prepare the institute level feedback analysis and action taken report.
4. The committee will meet the Presiding officer at 10.30am on 9<sup>th</sup> Aug 2024 for briefing

File No : AIT/0075/Notice/Adm

Army Institute of Technology  
Dighi Hills, Pune - 411015

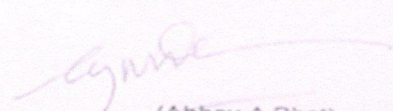
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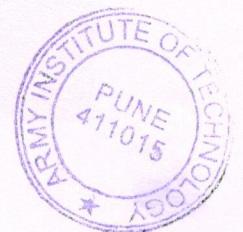
Distribution :-

Jt Director  
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HOD Mech  
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(Abhay A Bhat)  
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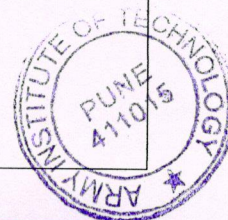
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The students are asked to give their feedback on 0 to 4 Like scale where:

- 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 0– Never





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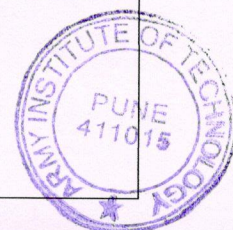
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Sr. No.	Questions	Options
8.	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	4 – Significantly 3 – Very well 2 – Moderately 1 – Marginally 0 – Not at all
9.	The institution provides 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 and problem solving methodologies for enhancing learning experiences.	4 – To a great extent 3 – Moderate 2 – Some what 1 – Very little 0 – Not at all





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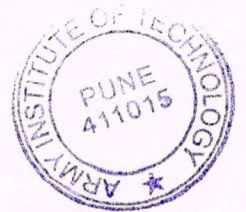
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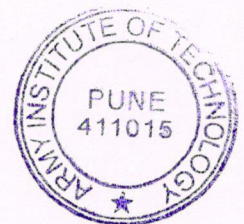
Sr. No.	Questions	Options
17.	Teachers encourage you to participate in extracurricular activities.	4 – Strongly agree 3 – Agree 2 – Neutral 1 – Disagree 0 – Strongly disagree
18.	Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready 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.





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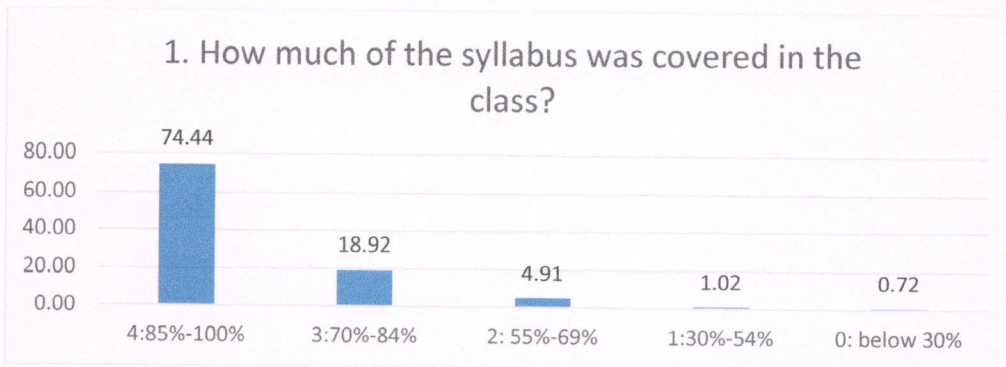
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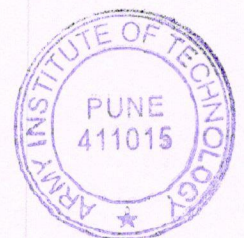
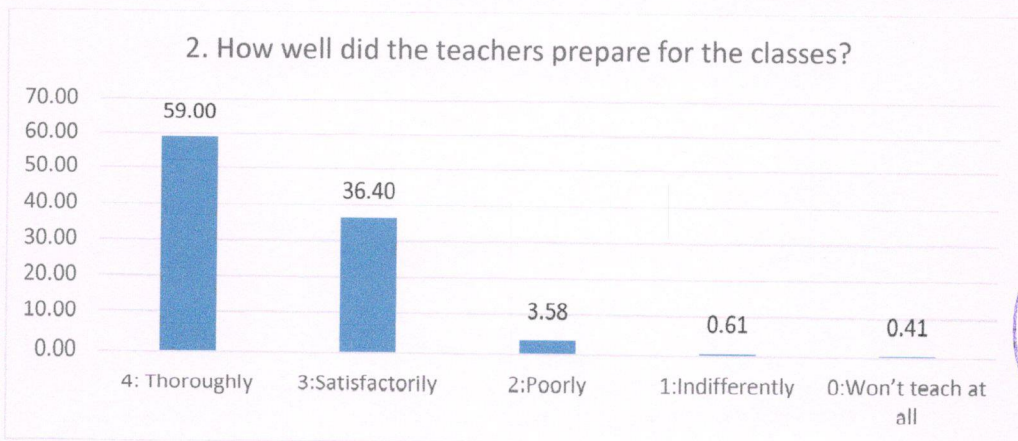
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The institute has received feedback from total 521 students from all the disciplines (Applied Science and General Engineering, Electronics & Telecommunication, Mechanical, Information Technology and Computer Science).

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	728	978	74.44
70 to 84%	3	185	978	18.92
55 to 69%	2	48	978	4.91
30 to 54%	1	10	978	1.02
Below 30%	0	7	978	0.72



Question	2. How well did the teachers prepare for the classes?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Thoroughly	4	577	978	59.00
Satisfactorily	3	356	978	36.40
Poorly	2	35	978	3.58
Indifferently	1	6	978	0.61
Won't teach at all	0	4	978	0.41





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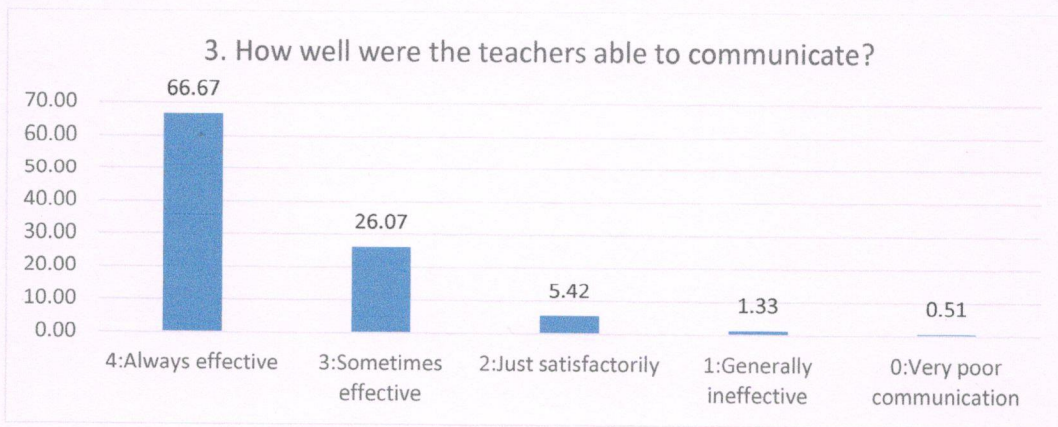
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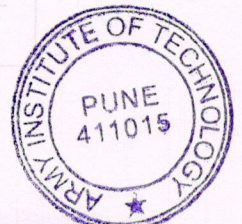
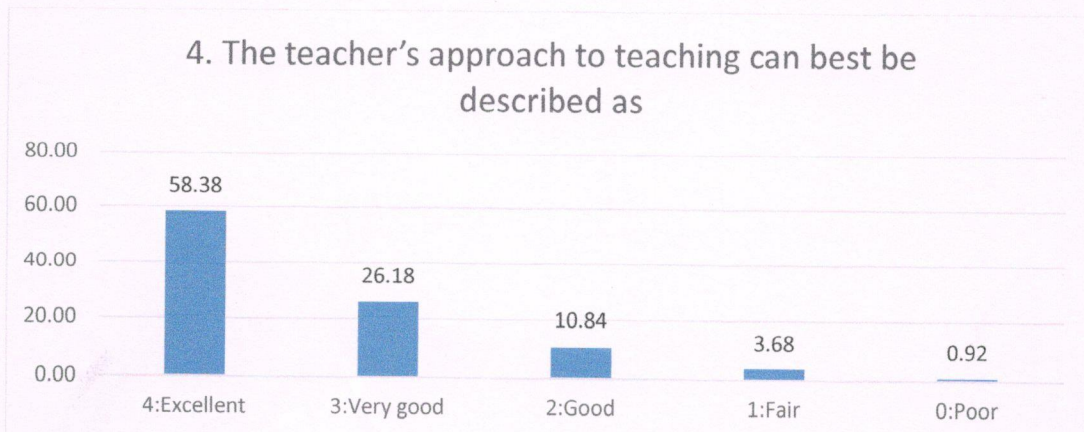
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Question	3. How well were the teachers able to communicate?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Always effective	4	652	978	66.67
Sometimes effective	3	255	978	26.07
Just satisfactorily	2	53	978	5.42
Generally ineffective	1	13	978	1.33
Very poor communication	0	5	978	0.51



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	571	978	58.38
Very good	3	256	978	26.18
Good	2	106	978	10.84
Fair	1	36	978	3.68
Poor	0	9	978	0.92







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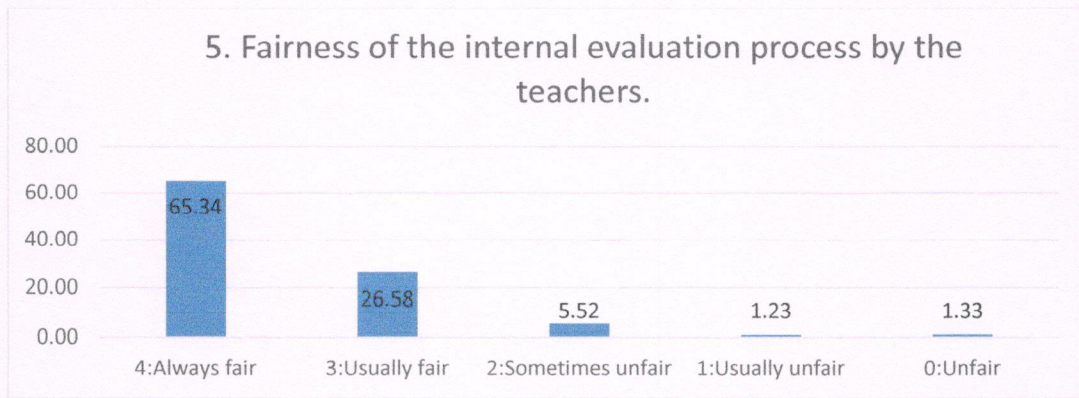
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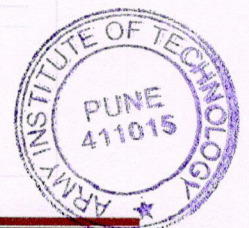
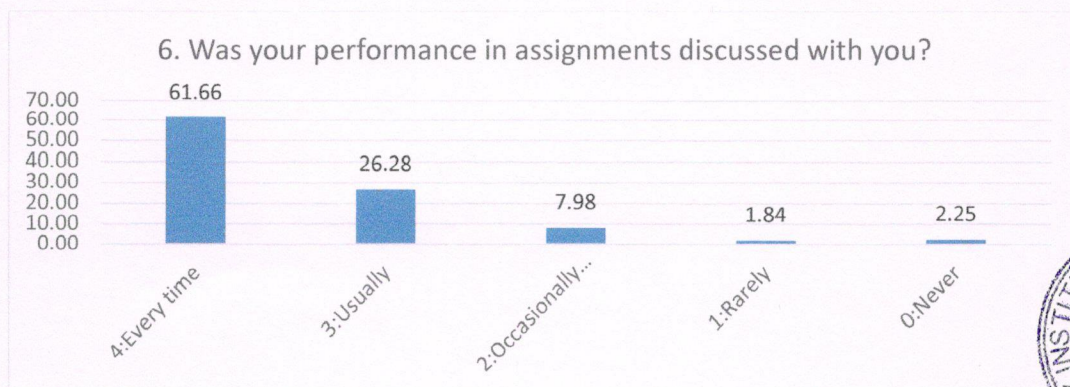
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Question	5. Fairness of the internal evaluation process by the teachers.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Always fair	4	639	978	65.34
Usually fair	3	260	978	26.58
Sometimes unfair	2	54	978	5.52
Usually unfair	1	12	978	1.23
Unfair	0	13	978	1.33



Question	6. Was your performance in assignments discussed with you?			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	603	978	61.66
Usually	3	257	978	26.28
Occasionally/Sometimes	2	78	978	7.98
Rarely	1	18	978	1.84
Never	0	22	978	2.25





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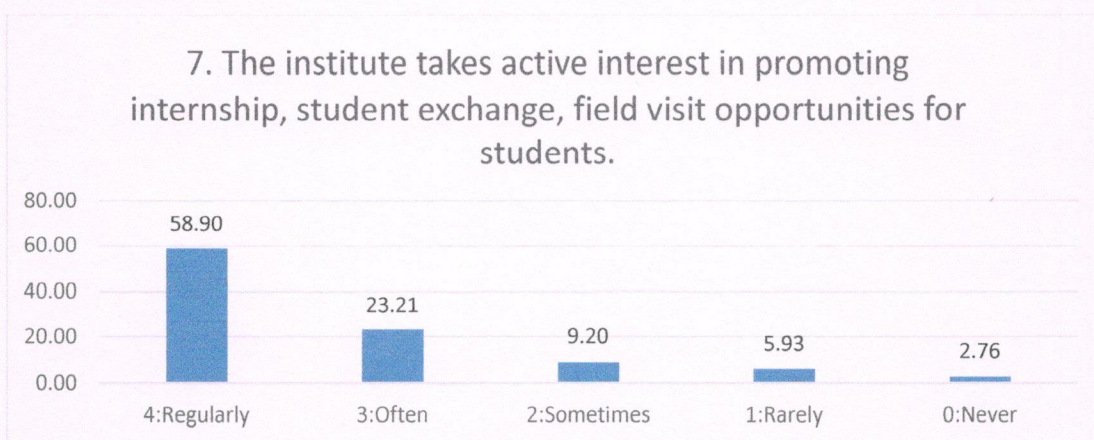
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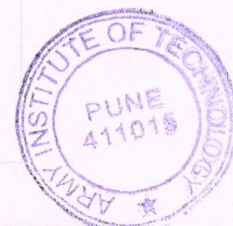
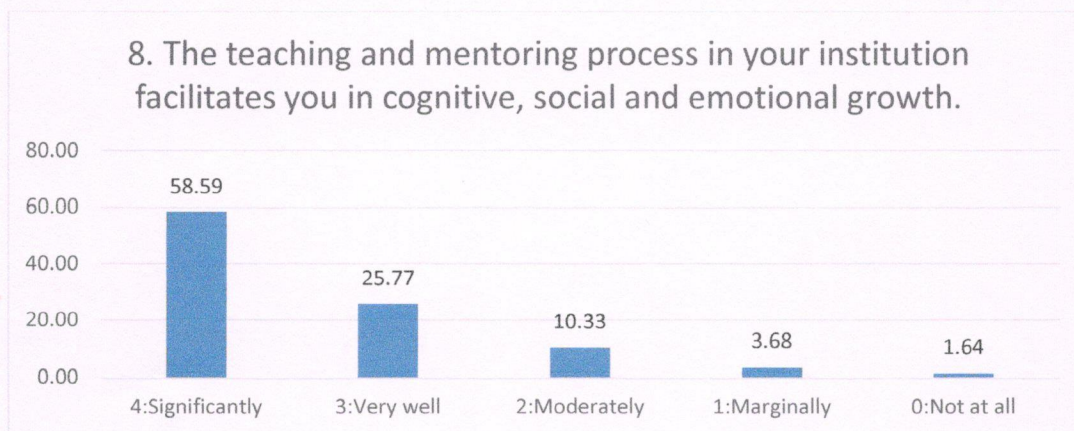
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Question	7. The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Regularly	4	576	978	58.90
Often	3	227	978	23.21
Sometimes	2	90	978	9.20
Rarely	1	58	978	5.93
Never	0	27	978	2.76



Question	8. The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Significantly	4	573	978	58.59
Very well	3	252	978	25.77
Moderately	2	101	978	10.33
Marginally	1	36	978	3.68
Not at all	0	16	978	1.64





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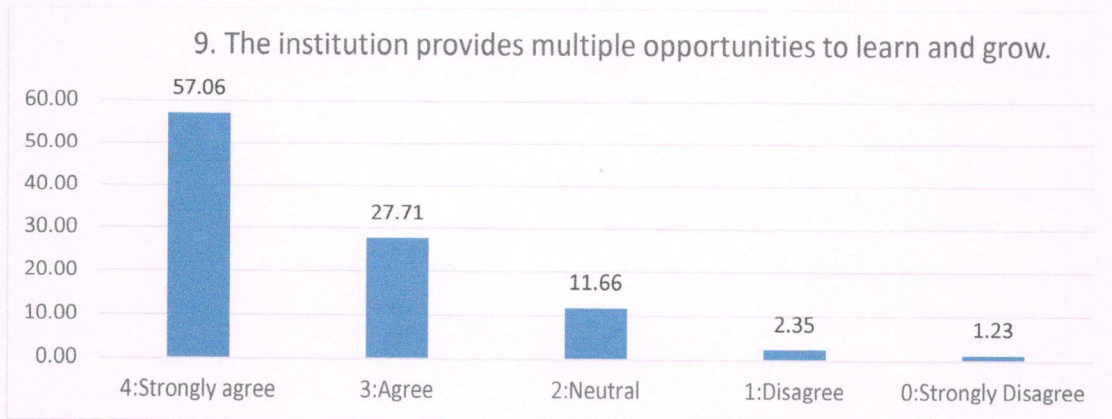
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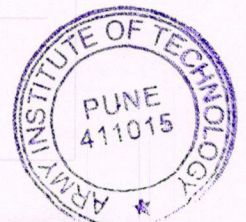
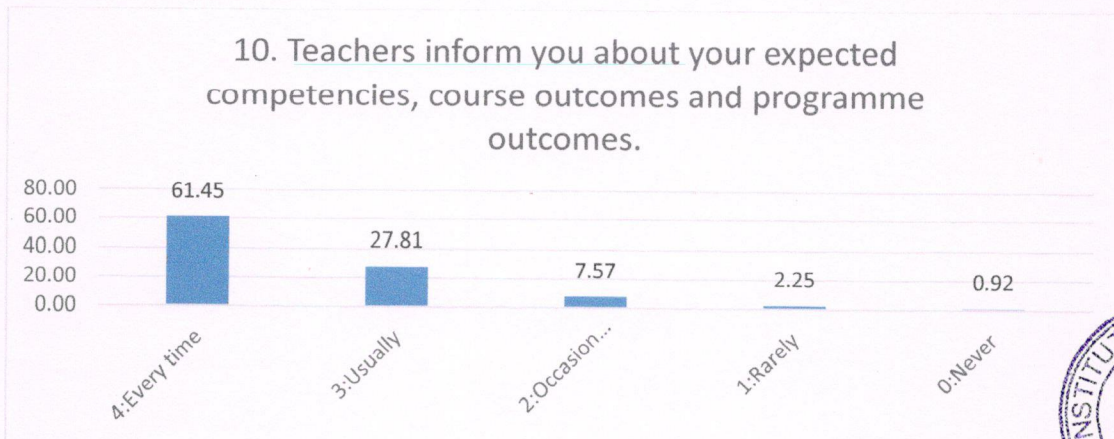
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Question	9. The institution provides multiple opportunities to learn and grow.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	558	978	57.06
Agree	3	271	978	27.71
Neutral	2	114	978	11.66
Disagree	1	23	978	2.35
Strongly Disagree	0	12	978	1.23



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	601	978	61.45
Usually	3	272	978	27.81
Occasionally/Sometimes	2	74	978	7.57
Rarely	1	22	978	2.25
Never	0	9	978	0.92





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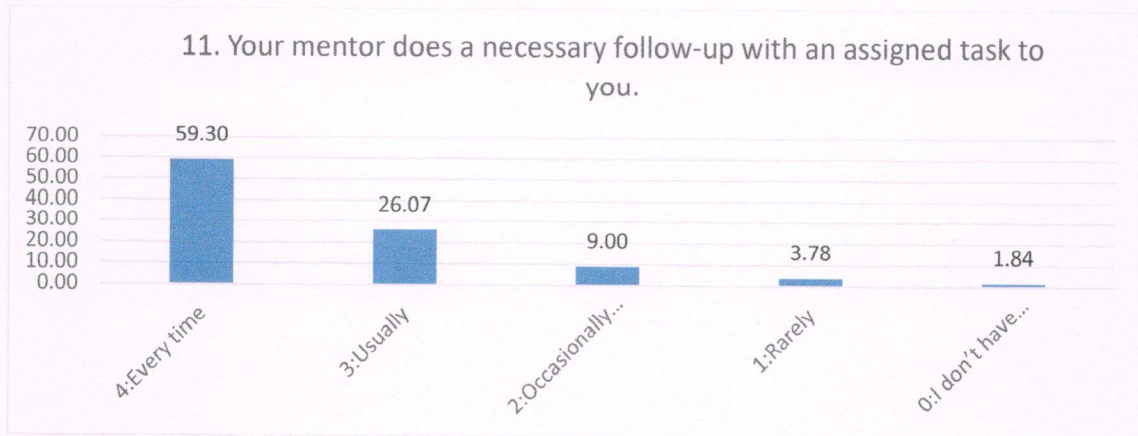
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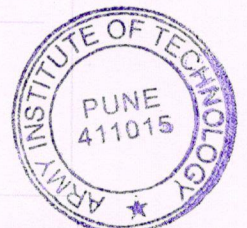
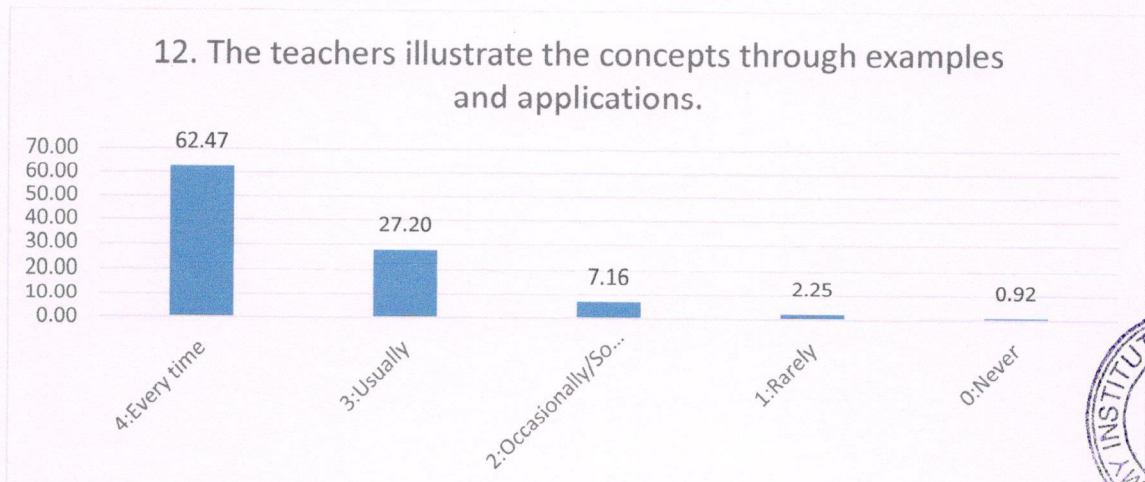
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Question	<b>11. Your mentor does a necessary follow-up with an assigned task to you.</b>			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	<b>580</b>	<b>978</b>	59.30
Usually	3	<b>255</b>	<b>978</b>	26.07
Occasionally/Sometimes	2	<b>88</b>	<b>978</b>	9.00
Rarely	1	<b>37</b>	<b>978</b>	3.78
I don't have a mentor	0	<b>18</b>	<b>978</b>	1.84



Question	<b>12. The teachers illustrate the concepts through examples and applications.</b>			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Every time	4	<b>611</b>	<b>978</b>	62.47
Usually	3	<b>266</b>	<b>978</b>	27.20
Occasionally/Sometimes	2	<b>70</b>	<b>978</b>	7.16
Rarely	1	<b>22</b>	<b>978</b>	2.25
Never	0	<b>9</b>	<b>978</b>	0.92





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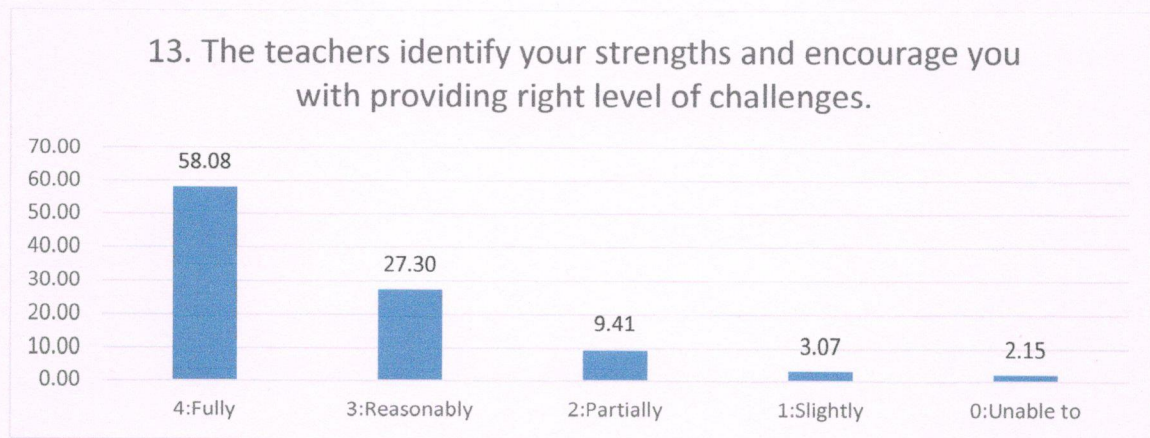
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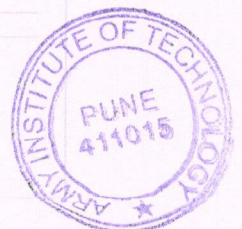
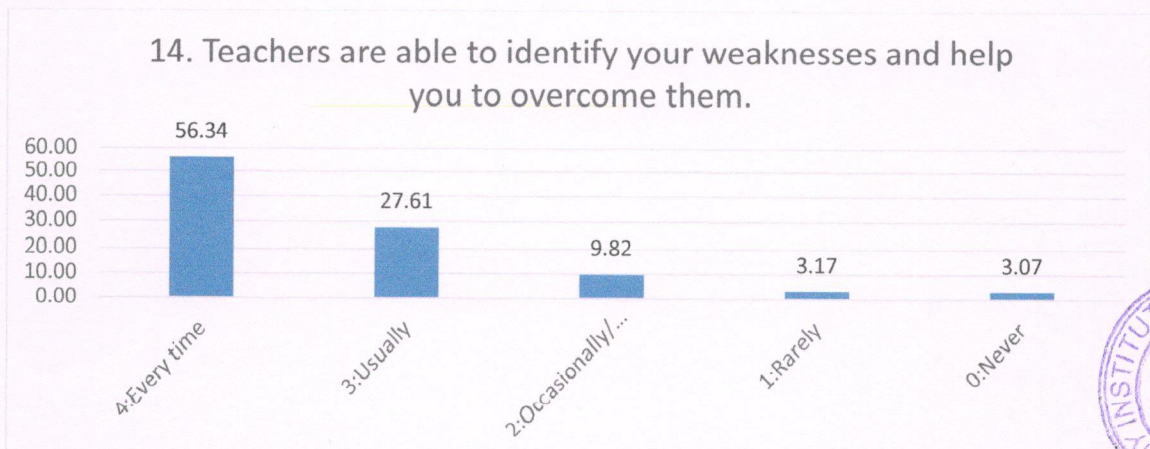
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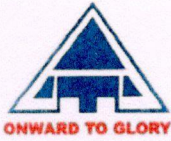
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Question	13. The teachers identify your strengths and encourage you with providing right level of challenges.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Fully	4	568	978	58.08
Reasonably	3	267	978	27.30
Partially	2	92	978	9.41
Slightly	1	30	978	3.07
Unable to	0	21	978	2.15



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	551	978	56.34
Usually	3	270	978	27.61
Occasionally/Sometimes	2	96	978	9.82
Rarely	1	31	978	3.17
Never	0	30	978	3.07





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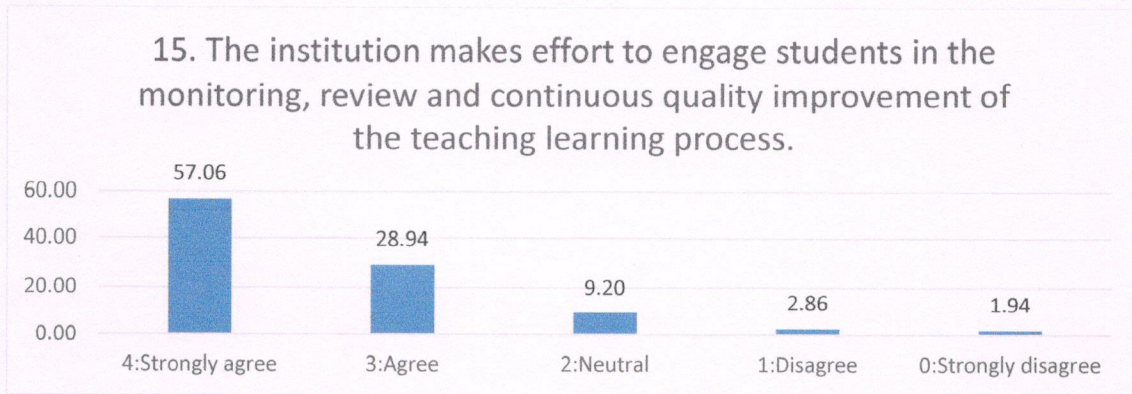
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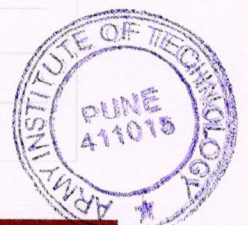
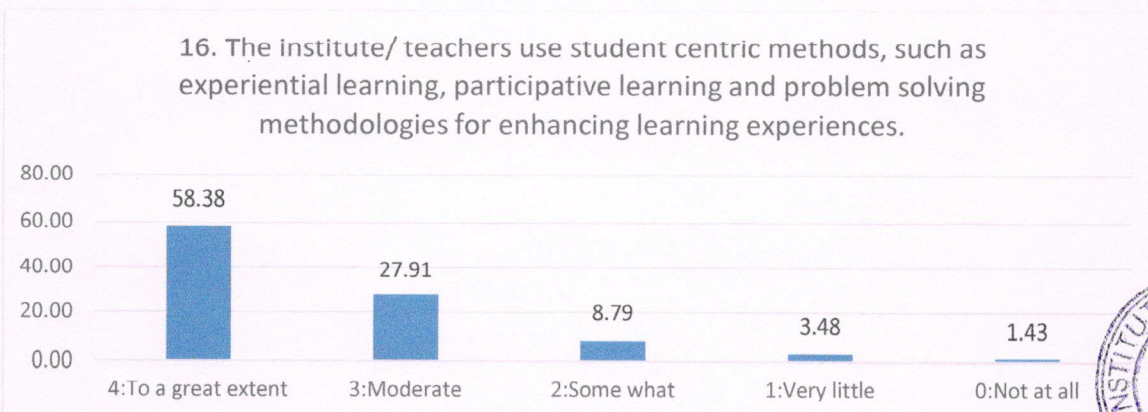
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Question	<b>15. The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.</b>			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	558	978	57.06
Agree	3	283	978	28.94
Neutral	2	90	978	9.20
Disagree	1	28	978	2.86
Strongly disagree	0	19	978	1.94



Question	<b>16. The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.</b>			
Answer	Value	No. of response(s)	No. of Respondents	Response %
To a great extent	4	571	978	58.38
Moderate	3	273	978	27.91
Some what	2	86	978	8.79
Very little	1	34	978	3.48
Not at all	0	14	978	1.43





## Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

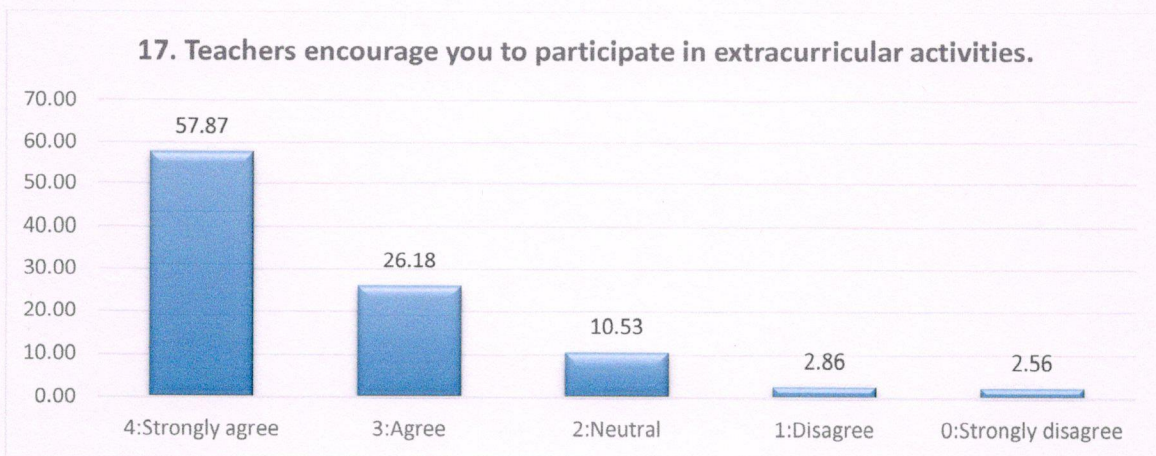
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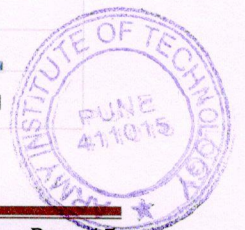
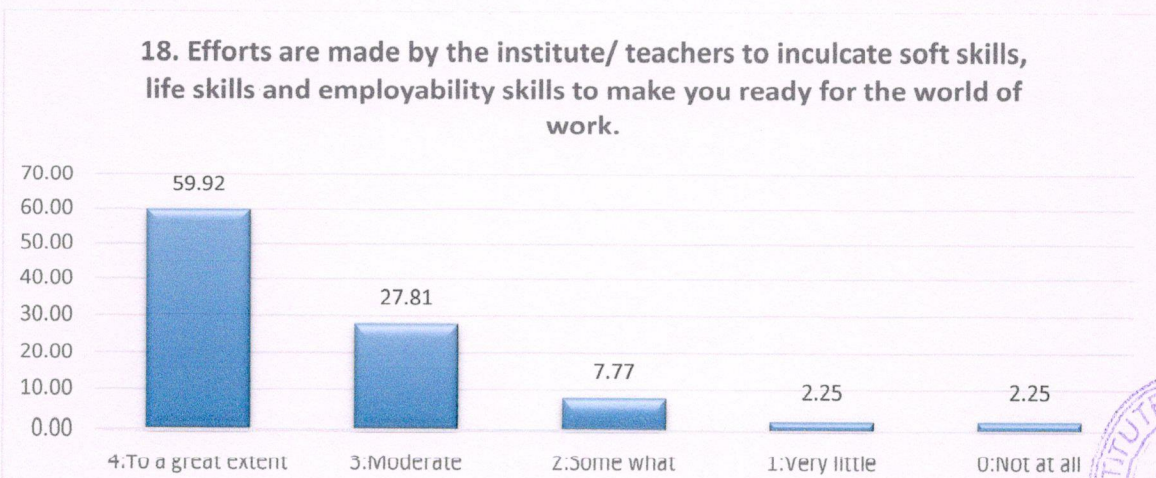
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Question	17. Teachers encourage you to participate in extracurricular activities.			
Answer	Value	No. of response(s)	No. of Respondents	Response %
Strongly agree	4	566	978	57.87
Agree	3	256	978	26.18
Neutral	2	103	978	10.53
Disagree	1	28	978	2.86
Strongly disagree	0	25	978	2.56



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	586	978	59.92
Moderate	3	272	978	27.81
Some what	2	76	978	7.77
Very little	1	22	978	2.25
Not at all	0	22	978	2.25





## Findings and Analysis:

### 1) Syllabus courses:

In response to the opinions about the syllabus covered in the class, near about 75% of the students have reported that 85-100% syllabus gets covered in the class

### 2) Teacher Program:

Nearly 59% 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. 67% 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. 85% 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 65% students feel that it's always fair, and as per 27% of them it is usually fair. Less than 1% of the students feel that the internal evaluation process is unfair.

### 6) Assignments and continuation leaves:

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. 90% of students responded that every time and usually teachers discuss their performance of assignments.

### 7) Promotions Internships:

92% of students responded that the institute takes active interest in promoting internship, field visit opportunities for them.

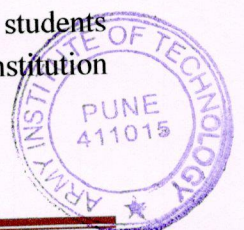
### 8) Mentors by Teachers:

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







89% 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**

85% 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 Applications**

Case studies provide a context-rich opportunity for students to learn about real problems and to think critically about potential solutions to these problems. 930 of students responded that their teachers every time and usually illustrate the concepts through examples and applications.

**13) Identification of strength by Teachers**

85% 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. 84% 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. 86% 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. 86% 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. 84% of student responded that they agree that the teachers encourage them to participate in extracurricular activities.

18. 87% 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.

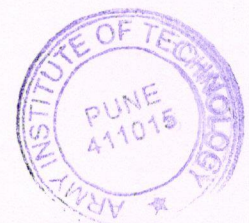
20. 87 % responded agree about the overall quality teaching-learning process s in the institute is very good is quite high.

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

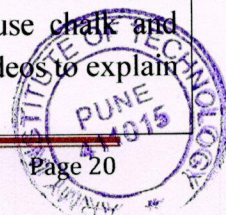
<b>21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.</b>	
<b>Suggestions by students</b>	<b>Action taken</b>
<p>1. We are not encouraged to do projects or learn skills required by the current market. Leaving us with little or interest in technology. Most of us do not take academics seriously because we feel that it is of no use in current scenario. I think classes should be more interactive and they should teach relevant things, there should be sessions by industry experts on different roles and fields in engineering. And what is actually required to get where we want to be. Most of us do not have any idea about it.</p>	<p>Sessions by Industry experts for students are conducted. Also industry visits are scheduled regularly.</p> <p>Since introduction of PBL in first year and second year syllabi of almost all programs, the experiential learning quotient has increased substantially.</p> <p>Students are encouraged to participate in various innovation and project competitions held by various clubs, problem statements for them are proposed by industry.</p> <p>Regular interactions with alumni, entrepreneurs and technocrats are held.</p>
<p>2. Just don't focus on theoretical knowledge instead college should promote students to do internship from starting of the third year itself.</p>	<p>At institutional level SOP is prepared for internship so that every student is benefitted.</p> <p><a href="https://www.aitpune.com/rules/SOP%20FOR%20STUDENT%20INTERNSHIP%20PROG%20RAM.pdf">https://www.aitpune.com/rules/SOP%20FOR%20STUDENT%20INTERNSHIP%20PROG%20RAM.pdf</a></p>
<p>3. 1. More industry oriented assignments. 2. Question papers should be maths oriented 3. Make classes more intuitive by using practical experiments.</p>	<p>1. Real time problem statements are included in the assignments. 2. Teachers are instructed to give more numerical questions. 3. Extra practical sessions are conducted by many faculty members as per requirement.</p>





**21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.**

Suggestions by students		Action taken
4.	<p>1. Interactive and Practical Learning: Introduce more hands-on projects, labs, and real-world applications alongside theoretical lessons. This will help students apply concepts immediately and retain knowledge better.</p> <p>2. Personalized Learning Paths: Implement adaptive learning technologies that cater to individual student needs, allowing them to progress at their own pace, focusing on areas where they need more support.</p> <p>3. Collaborative Learning Opportunities: Organize more group projects and peer-to-peer learning sessions where students can collaborate and learn from one another. This enhances teamwork, problem-solving skills, and makes learning more engaging.</p>	<p>There are many clubs where students are encouraged to work on real life problem statements. These problem statements are taken from industry professionals</p> <p>Peer-to-peer learning is also done in Robotics Club, Coding club, Open Source Software club, e-cell, AR-VR cell, etc.</p> <p>Students are encouraged to undergo internship programs.</p>
5.	<p>Add a weakly interview class, so if a student sit in interview so they can communicate in more better way.</p>	<p>Instead of giving the break following activities are conducted:</p> <ol style="list-style-type: none"> <li>1. Weekly counseling sessions are conducted by faculty members.</li> <li>2. Training sessions are organized by Training and Placement cell regularly.</li> <li>3. Interview skills are taught by soft skills teachers right from first year though it was not in the syllabus.</li> </ol>
6.	<p>Could allow laptops in classes to run the code at same time they are being taught thus improve memory retention, instead of then implementing them in lab.</p>	<p>Laptops are allowed by most of the teachers during the lab sessions.</p>
7.	<ol style="list-style-type: none"> <li>1. More lab classes can be incorporated for practical studies.</li> <li>2. more practical</li> <li>3. take a guidance to students</li> <li>4. instead of PPT use video for teaching</li> </ol>	<ol style="list-style-type: none"> <li>1. Extra lab sessions are conducted by the teachers.</li> <li>2. PPTs are used to explain the theory part. Teachers are instructed to use chalk and board methods along with videos to explain the concepts more clearly.</li> </ol>





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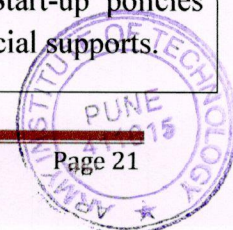
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<b>21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.</b>	
<b>Suggestions by students</b>	<b>Action taken</b>
5. teachers can approach a more practical way of teaching	3. Many teachers have created teaching videos and uploaded on LMS/ you-tube.
8. 1. Give freedom to students to choose what they need to learn. 2. Provide support to students in their internship rather than pressuring them for attendance. 3. Let the student body determine actions of clubs and fests.	Students are encouraged to undergo internship programs. Special cases are considered for relaxation of attendance even up to six months.  The student body along with faculty in-charges decide the plan of action for all the events.
9. Administration should be more focus on practical learning to make student industry ready	The Open Source Software club has been organizing the Hackathon for students every year over last 8 years. There are many more clubs and cells in the institute where students are encouraged to learn new skills.
10. Remove the attendance criteria to make us more focused on improving our technical skills which interviewer is gonna observe with soft skills.	At institutional level SOP for allocation of attendance is prepared for the student's benefit.  <a href="https://www.aitpune.com/rules/SOP%20for%20Attendance%20Award.pdf">https://www.aitpune.com/rules/SOP%20for%20Attendance%20Award.pdf</a>
11. 1. Assignments/ experiments in files are useless instead a single mini project (or something similar practical will be better). 2. More practical than theory. 3. Feedback should be anonymous.	1. Students are encouraged to implement mini projects right from the first year.  2. Anonymity is strictly maintained while collecting the feedback from students and teachers.
12. 1. There is absolutely no support from the department regarding co-curricular activities. 2. There is no incentive or support for any student who has achievements both inside and outside college, rather they are given challenges and have bias against them. 3. The teachers are good at teaching but the	1. Relaxation in attendance is considered if students participate in co-curricular and extra-curricular activities.  2. The institute supports the students by providing financial support along with other resources. New R&D and Start-up policies clearly provide for such financial supports.





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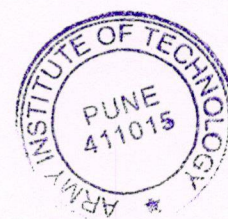
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<b>21. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.</b>		
<b>Suggestions by students</b>	<b>Action taken</b>	
	department does not support or value the overall growth of the students	
13.	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. LMS based on MOODLE is available and regularly uploaded
14.	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.
15.	Collaborative Learning Opportunities: Organize more group projects and peer-to-peer learning sessions where students can collaborate and learn from one another. This enhances teamwork, problem-solving skills, and makes learning more engaging.	Students are encouraged to be part of various clubs and also participate in competitions and hackathons.
16.	Some teachers are good but some are poor also but overall great	The faculty members receiving less feedback score are counseled by head of the department, and the Principal. They are encouraged to attend the FDPs and orientation workshops.
17.	2. Can use interactive activities in class 3. Letting student prepare lectures for the class for improving their communication skill as well as understanding of the chapter.	Flip classes, Role play and Quiz are conducted by few teachers. All the faculty members are instructed to create interest in the subjects by making the classes interactive through various activities.





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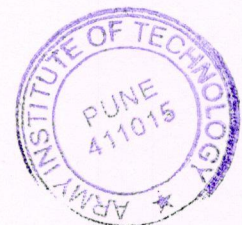
After analysis of student satisfaction survey, the committee arrived at a conclusion that most of the students have given a positive remark regarding their learning experience in the institute. Teacher's communication skills have significant role in the academic achievement of the students and Teachers' this ability to communicate with the students has been noted by the students.

Many students have projected requirements of more industry oriented teaching. AIT has taken up many measures to meet their aspiration by clubs, internships, hackathons, e-cell, etc.

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 adverse or serious comments or observations were made regarding the faculty of the institute. The faculty members are generally viewed positively, with their expertise, teaching quality, and commitment to student success being appreciated.

Student satisfaction is often linked to their academic success and overall well-being in the educational environment. Some special measures taken by the institute are:

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.
  4. AIT has also established a Mental Health committee to address mental health and stress related issues of 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.





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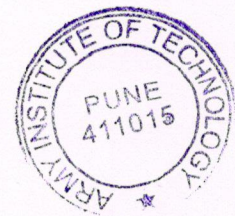
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Professional FDPs produce promising outcomes in the learning and teaching practices. Teachers' participation in Faculty Development Programs (FDPs) has significantly contributed to improvements across various parameters based on student feedback. The teachers were encouraged to attend following FDPs that were conducted in the year 2023-24, that may have had a positive impact on the faculty feedback:

1. FDP on “NEP 2020 for Higher Education Institutes”.
2. Two Weeks FDP on “DevOps” for faculty
3. AWS FDP on “Cloud Infrastructure”.
4. Workshop on “Data Analysis and Visualization using Python”.
5. FDP on “IoT and Ubiquitous Computing for Emerging Technical Applications”
6. Guest Lecture on Cryptography Implementation Algorithms - a Hands On Latest Software.
7. Guest Lecture on “AI Security Hands on Workshop on Matlab and Simulink”.
8. Guest lecture on topic “Introduction to Predictive and Descriptive Algorithms”.
9. Guest Lecture on “Interfacing PIC-18”.
10. Guest Lecture on “Mathematical Foundation for Machine Learning”
11. Guest Lecture on “Computer Networking and Cyber Security”





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### Overall Summary of Feedback and Action Taken

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.

Many new initiatives in last two-three years are linked to objective feedback received from students and faculty. These include:

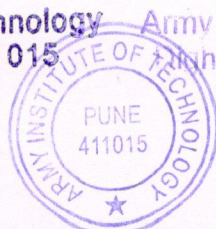
1. Encouragement for internship and formal policy for that.
2. Attendance related policies.
3. IPR, R&D and startup Policy.
4. Focus on Project Based Learning.
5. FDPs and STTPs to improve faculty standards.
6. Vibrant co-curricular and extracurricular activities for students through clubs, competitions, workshops and seminars.

*Sushama*  
**Dr. Sushma Patil**  
**Preceding Officer**

IQAC Co-ordinator  
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*itw*  
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*Abhay A Bhat*  
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