REPORT ON
STUDENTS SATIESFACTION SURVEY ON OVERALL PERFORMANCE OF INSTITUTION

FOR THE ACADEMIC YEAR - 2023-2024

BY
INTERNAL QUALITY ASSURANCE CELL(IQAC),
NATIONAL ENGINEERING COLLEGE,
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Members of the institution's Internal Quality Assurance Cell's(IQAC)Criterion-II devised the questionnaires for the student satisfaction survey on the institution's overall performance for the academic year 2023–2024, based on NAAC guidelines.Twenty-two objective type questions and one descriptive question prepared using Google-Form and send to all UG and PG students to get feedback on overall performance of the institute. The response received from the students and other details for student's satisfaction survey on overall performance of the institute in the academic year 2023-2024 are as follows.

Survey/Feedback type	: online
Google Form link	: https://forms.gle/EbqQdYp57ad12MwVA
Number of students participated	: 821
Gender Details	: Male-402, Female-419
Program wise responded students	: ECE-184, CSE-346, Civil-12, IT-120, Mechanical-8, EEE- 35

Observation of the students' satisfaction survey on the institution's overall performance in the academic year 2023–24:

- 86.4% of students pointed out that the syllabus was covered to a greater extent than 75%.
- 98.5% of students believe that almost all teachers are thoroughly prepared for classroom teaching.
- 95.9% students expressed that the teachers always communicate effectively
- overall 90.4% of students strongly agreed with the teacher's approach to teaching being excellent.
- The fairness of the internal evaluation process by the teachers is always fair, according to 94.7% of students.
- 91.1% of students stated that every time teachers discuss their assignment performance with them
- 94.2% of students expressed that the institute takes active interest in promoting internships, student exchange, field visit opportunities for students
- 93.3% of students expressed that the teaching and mentoring process offered in the institution facilitates students cognitive, social and emotional growth significantly
- More than 94.4 % of students strongly agreed that the institution provides multiple opportunities to learn and grow.
- 96.6% of students said that every time teachers inform expected competencies, course outcomes, and programme outcomes

- 95.8% of students believed that their mentors provided them with the necessary follow-up on a task that was assigned to them.
- More than 92% of students said that the teachers identified their strengths and encouraged them by providing the right direction.
- 89.3% of students accepted that teachers always identify their weaknesses and provide help to overcome them.
- 92.7% of students strongly agreed that the institution makes efforts to engage students in the monitoring, review, and continuous quality improvement of the teaching and learning process.
- A good number of students pointed out that the institute and teachers used student-centric methods, such as experiential learning, participative learning, and problem solving methodologies, for enhancing learning experiences to a greater extent than 94.8%.
- 91.6% of students strongly agreed that teachers encourage them to participate in extracurricular activities.
- 94.2% of students expressed that efforts made by the institute and teachers to inculcate soft skills, life skills, and employability skills to make students ready for the world of work are to a great extent successful.
- It is observed from the opinion given by 90.4% of students that all staff members use ICT tools such as LCD projector, Multimedia, etc. while teaching.
- 95.1% of students strongly agree that the overall quality of the teaching-learning process in the institute is very good.
- 95.7% of students strongly agreed that the quality of placement provided by the institute is excellent.
- 88% of students expressed that the overall infrastructure facilities of the institute are excellent.
- Students are expecting to have more experimental and active learning process

Student Satisfaction Survey Analysis Report-2023-2024

A systematic approach is needed to convert student responses into measurable data for accurate measurement and analysis of the Students' Satisfaction Survey on Institutional Performance in 2022–2024.There is a need to develop a consistent scale for fair and appropriate comparison since this questionnaire contains a wide range of questions, each of which is related to a different component and has a varied nature and scope to relate to the institution's overall performance. By adopting a scale of 4 to 0 for options A to E, respectively, for all questions, data normalisation was used to convert the percentage of the student's response that is available to a common scale. The following formula was used to calculate the score for question

$$\text{Score for each option} = (students\ response\ (\%) \times scale\ for\ option)/100$$

$$Sum\ of\ score = \sum score\ for\ each\ option$$

The score and their respective sums for all the questions are as follows:

Question No.	Options of answer in percentage					Sum of Score
	A	B	C	D	E	
Weightage	4	3	2	1	0	
1.	85 to 100%	70 to 84%	55 to 69%	30 to 54%	Below 30%	3.335
	57.4%	29%	5.6%	5.7%	2.3%	
	2.296	0.87	0.112	0.057	0	
2.	Thoroughly	Satisfactory	Poorly	indifferently	Wont teach at all	3.577
	60%	38.5%	1.1%	0%	0%	
	2.4	1.155	0.022	0	0	
3.	Always effective	Sometimes effective	Just satisfactorily	Generally ineffective	Very poor communication	3.654
	69.7%	26.2%	4%	0%	0%	
	2.788	0.786	0.08	0	0	
4.	Excellent	Very Good	Good	Fair	Poor	3.503
	61%	29.4%	8.5%	1.1%	0%	
	2.44	0.882	0.17	0.011	0	
5.	Always fair	Usually fair	Sometimes unfair	Usually unfair	unfair	3.577
	64.4%	30.3%	4.3%	0.6%	0%	
	2.576	0.909	0.086	0.006	0	
6.	Every time	usually	Sometimes	Rarely	Never	3.506
	62.4%	28.7%	6.6%	1.7%	0.6%	
	2.496	0.861	0.132	0.017	0	
7.	Regularly	often	sometimes	Rarely	Never	3.645
	72.8%	21.4%	3.9%	1.3%	0.5%	
	2.912	0.642	0.078	0.013	0	

8.	Significantly	Very well	Moderately	Marginally	Not at all	3.537
	61.8%	31.5%	5.5%	1%	0%	
	2.472	0.945	0.11	0.01	0	
9.	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	3.67
	68.1%	26.3%	5.2%	0.1%	0%	
	2.724	0.789	0.156	0.001	0	
10.	Every time	usually	Sometimes	Rarely	Never	3.699
	73.7%	22.9%	3%	0.4%	0%	
	2.948	0.687	0.06	0.004	0	
11.	Every time	usually	Sometimes	Rarely	I don't have mentor	3.682
	73.1%	22.7%	3.4%	0.9%	0%	
	2.924	0.681	0.068	0.009	0	
12.	Every time	usually	Sometimes	Rarely	Never	3.638
	65.2%	27.8%	6.3%	0.7%	0%	
	2.608	0.834	0.189	0.007	0	
13.	Fully	Reasonably	Partially	Slightly	Unable to	3.519
	63.9%	28.1%	5.2%	1.6%	1.1%	
	2.556	0.843	0.104	0.016	0	
14.	Every time	usually	Sometimes	Rarely	Never	3.476
	62.1%	27.2%	7.9%	1.8%	1%	
	2.484	0.816	0.158	0.018	0	
15.	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	3.404
	68.3%	24.4%	6.9%	0.2%	0%	
	2.532	0.732	0.138	0.002	0	
16.	To a great extent	Moderate	Some What	Very little	Not at all	3.656
	67.4%	27.4%	4.4%	0.6%	0%	
	2.696	0.822	0.132	0.006	0	
17.	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	3.538
	64.8%	26.8%	6.3%	1.6%	0.5%	
	2.592	0.804	0.126	0.016	0	
18.	To a great extent	Moderate	Some What	Very little	Not at all	3.635
	70.2%	24%	5.1%	0.5%	0%	
	2.808	0.72	0.102	0.005	0	
19.	Above 90%	70-89%	50-69%	30-49%	Below 29%	2.64
	59.8%	30.6%	6.7%	2.4%	0.5%	
	2.392	0.09	0.134	0.024	0	
20.	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	3.581
	63.6%	31.5%	4.5%	0.2%	0%	
	2.544	0.945	0.09	0.002	0	
21.	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	3.668
	71.7%	24%	3.9%	0.2 %	0%	
	2.868	0.72	0.078	0.002	0	

	Excellent	Very Good	Good	Satisfactory	Needs improvement	
22.	62.1%	25.9%	9.5%	1.7%	0.7%	3.468
	2.484	0.777	0.19	0.017	0	
Average Score						3.527

The analysis of the student satisfaction survey shows that students expressed a high level of satisfaction, with an average score of 3.527. Further, all the questions in the survey received scores above 3.5.

Action Taken Report:

Sl.No.	Feedback/Response	Action Taken
1.	Students expecting to have more webinars, alumni interactions, industry exposure, experimental and active learning	The institution has initiated the action as per the responses received from students
2.	Frequent usage of ICT enabled tools required for Teaching and Learning Process.	The institution has already taken steps to equip all class rooms with ICT tools. The institution will take necessary steps to encourage faculty member to use ICT enabled tools frequently.
3.	Students expecting project based learning	The R-2023 regulations emphasis on project-based learning.
4.	Individual monitoring and mentoring is required.	The institution has initiated the steps to implement the same through mentoring system.

AQAR 2.7 Student Satisfaction Survey

821 responses

Please confirm this is the first and only time you answer this survey.

821 responses

- No
- Yes

76.5%

23.5%

Age:

821 responses

1 (0.1%)	256 (31.2%)	
77 (9.4%)	265 (32.3%)	
	169 (20.6%)	
	39 (4.8%)	
	7 (0.9%) 3 (0.4%) 1 (0.1%) 1 (0.1%) 1 (0.1%) 1 (0.1%)	

2   18   19   20   21   22   23   24   27   2p   Ravi Arun A   Twenty
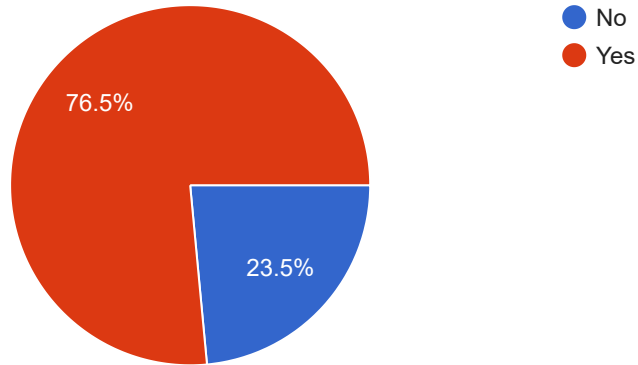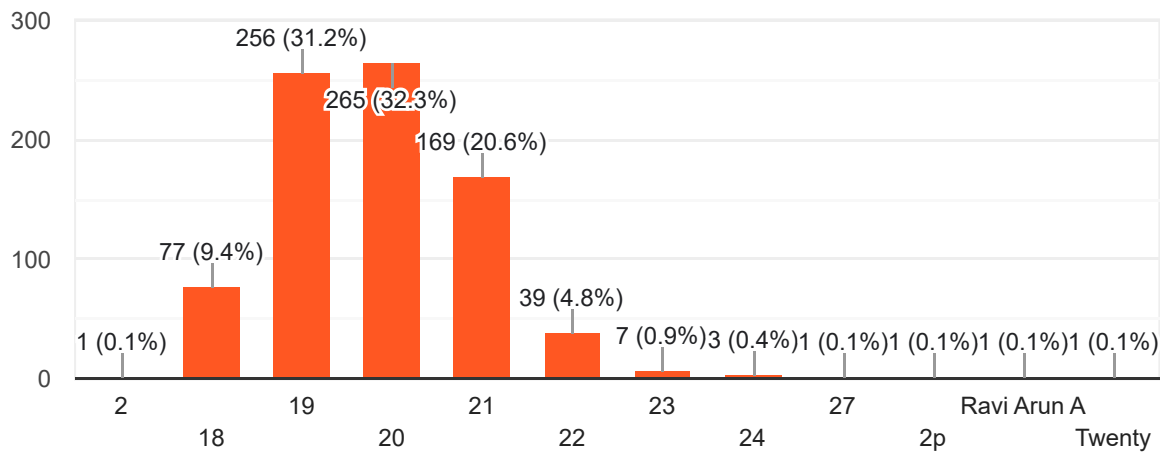
College Name:

821 responses

National Engineering College

National Engineering College

National engineering college

National Engineering College, Kovilpatti

NATIONAL ENGINEERING COLLEGE

National engineering College

National Engineering college

National Engineering College Kovilpatti

National engineering college

NATIONAL ENGINEERING COLLEGE

National Engineering College, Kovilpatti

National Engineering College,Kovilpatti

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National Engineering college

National Engineering College, Kovilpatti.

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National Engineering College, kovilpatti

NATIONAL ENGINEERING COLLEGE KOVILPATTI

National Engineering college kovilpatti

National Engineering College , Kovilpatti

National Engineering College Thoothukudi

National Engineering College,kovilpatti

National Engineering college , kovilpatti

national engineering college

NEC, Kovilpatti

National Engineer College, kovilpatti

Divya

National Engeneering college

NATIONAL ENGINEERING COLLEGE , KOVILPATTI

National Engineering College -Kovilpatti

National Engineering college kovilpatti

National engineering College kovilpatti

Subabalan A

Malavika M
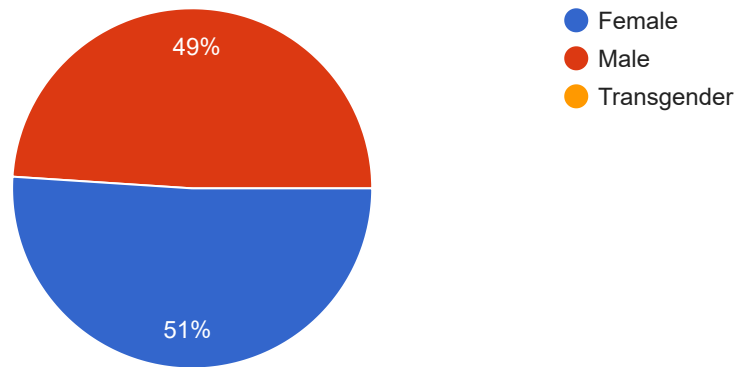
National Engineering college,kovilpatti

National Engineer College

National Engineering College,Kovilpatti

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National Engineering College,Kovilaptti

National engineering college kovilpatti

National Engineering college Kovilpatti
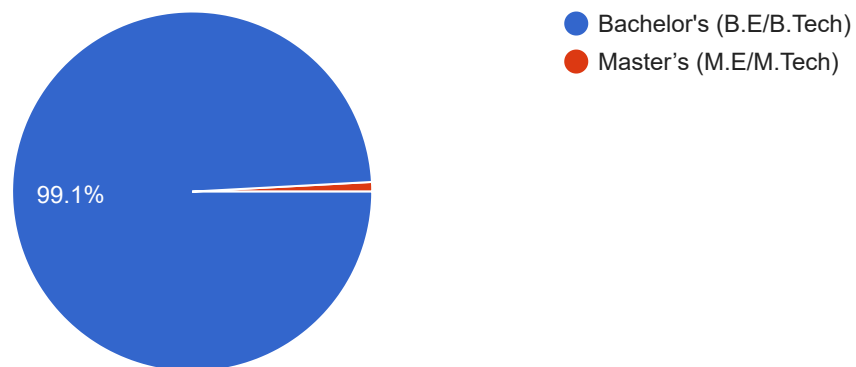
National Engineering College Kovilpati

National engineering College Kovilpatti

National engineering college, Kovilpatti

NATIONAL ENGINEERING COLLEGE,K.R.NAGAR KOVILPATTI

National Engineering College, Kovilpatti.

National Engineering college,Kovilpatti

National Engineering College, kovilpatti

6380189578

National Engineering COllege

Ram Balakumaran B

Srimathi Nivetha.R

National Engineering College

National Engineering College, Kovilpatti

National engineering college KOVILPATTI

National Engineering College ,Kovilpatti

National Engineering College, KovilPatti.

National Engineering College K.R Nagar Kovilpatti, Tamilnadu

NATIONAL ENGINEERING COLLEGE, KOVILPETTI

National engineering college,Kovilpatti

national engineering college

National engineering college, kovilpatti

National Engineering COllege,Kovilpatti.

National Enginnering College, Kovilpatti.

National Engineering College - Kovilpatti

National Engineering College , kovilpatti

Jonash P

National Engineering College Kovilpatti, Tuticorin

National Engeneering collage

National engineering college, kovilpatti.

Nirmala R

S.Thanalakshmi

National engineering College, Kovilpatti.

NATIONAL ENGINEERING COLLEGE , KOVILPATTI

National Engineering College (NEC) , Kovilpatti, Tamilnadu

National Engineering college ,kovilpatti

National engineering college, Kovil Patti

Gender:
Copy

821 responses

- ● Female
- ● Male
- ● Transgender

49%

51%

What degree are you pursuing now?
Copy

821 responses

- ● Bachelor's (B.E/B.Tech)
- ● Master's (M.E/M.Tech)

99.1%

What program are you pursuing now?

821 responses

- CIVIL
- CSE
- EEE
- ECE
- MECHANICAL
- IT
- AI & DS

CSE: 42.1%
ECE: 22.4%
IT: 14.6%
AI & DS: 14.1%
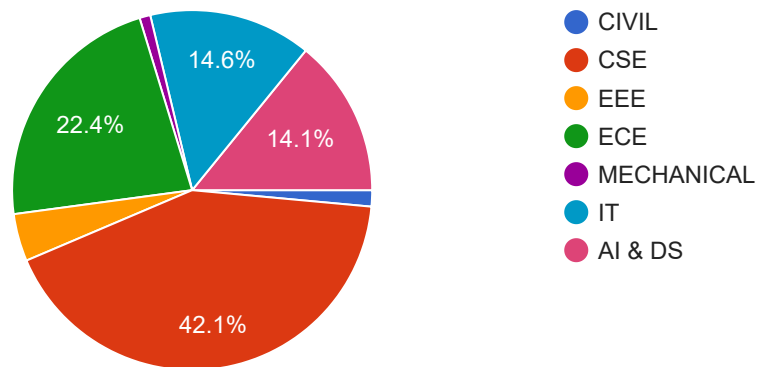
ONLINE SURVEY

1. How much of the syllabus was covered in the class?

821 responses

- 4 – 85 to 100%
- 3 – 70 to 84%
- 2 – 55 to 69%
- 1– 30 to 54%
- 0 – Below 30%

4 – 85 to 100%: 57.4%
3 – 70 to 84%: 29%
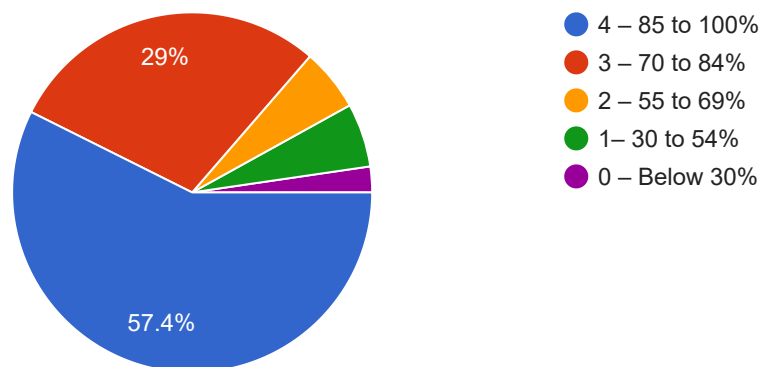
2. How well did the teachers prepare for the classes?

821 responses

- 4 – Thoroughly
- 3 – Satisfactorily
- 2 – Poorly
- 1 – Indifferently
- 0 – Won't teach at all

4 – Thoroughly: 60%
3 – Satisfactorily: 38.5%
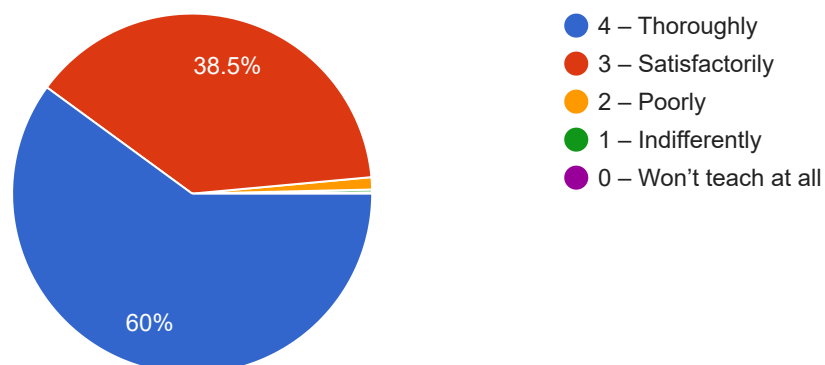
3. How well were the teachers able to communicate?
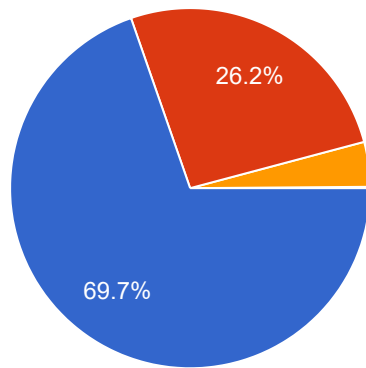
821 responses

- 4 – Always effective
- 3 – Sometimes effective
- 2 – Just satisfactorily
- 1– Generally ineffective
- 0– Very poor communication

26.2%
69.7%

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4. The teacher's approach to teaching can best be described as
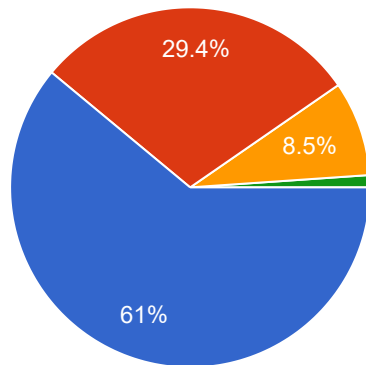
821 responses

- 4– Excellent
- 3 – Very good
- 2 – Good
- 1 – Fair
- 0– Poor

29.4%
8.5%
61%

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5. Fairness of the internal evaluation process by the teachers.
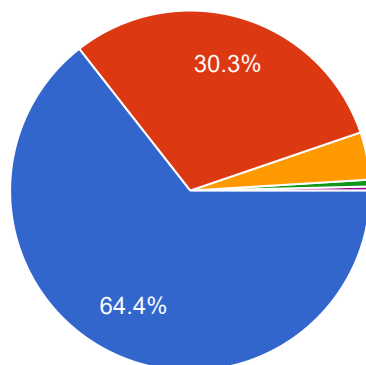
821 responses

- 4 – Always fair
- 3 – Usually fair
- 2 – Sometimes unfair
- 1 – Usually unfair
- 0– Unfair

30.3%
64.4%

Copy

6. Was your performance in assignments discussed with you?

821 responses

- ● 4 – Every time
- ● 3 – Usually
- ● 2 – Occasionally/Sometimes
- ● 1 – Rarely
- ● 0– Never

28.7%

62.4%
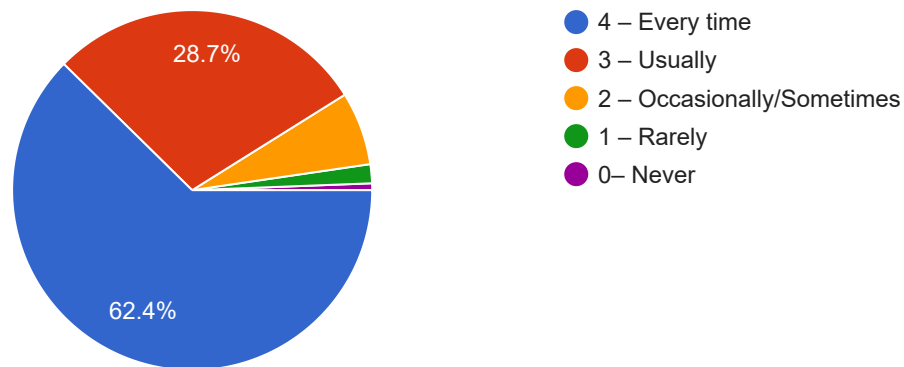
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7. The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.

821 responses

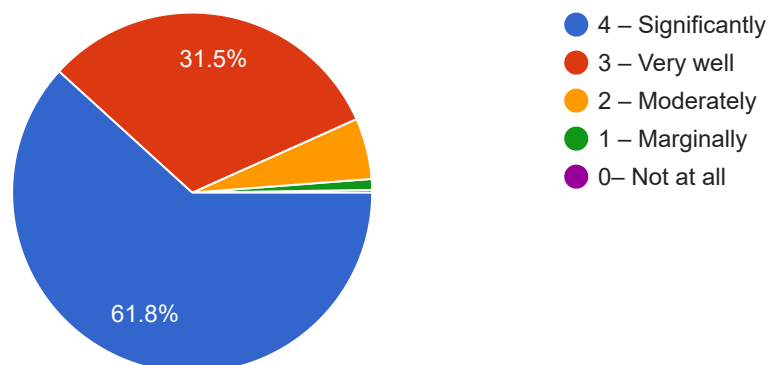Copy

- ● 4 – Regularly
- ● 3 – Often
- ● 2 – Sometimes
- ● 1 – Rarely
- ● 0– Never

21.4%

72.8%
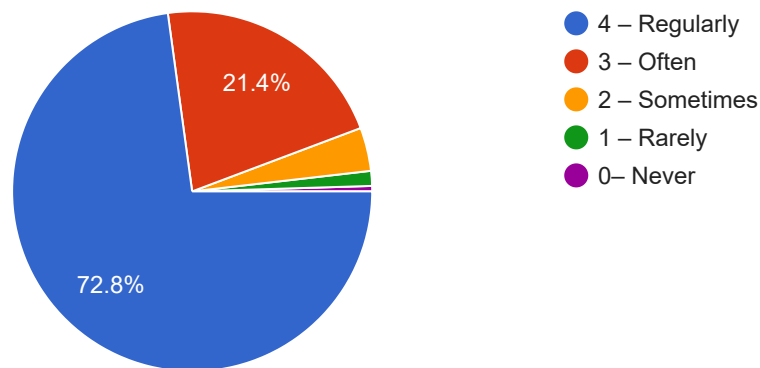
8. The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.

821 responses

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- ● 4 – Significantly
- ● 3 – Very well
- ● 2 – Moderately
- ● 1 – Marginally
- ● 0– Not at all

31.5%

61.8%

9. The institution provides multiple opportunities to learn and grow.
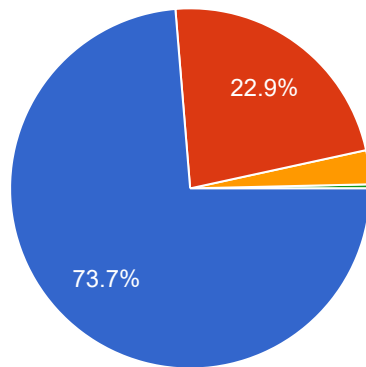
821 responses

- 4 – Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0– Strongly disagree

26.3%

68.1%
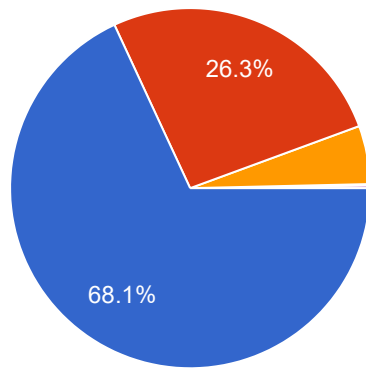
10. Teachers inform you about your expected competencies, course outcomes and programme outcomes.
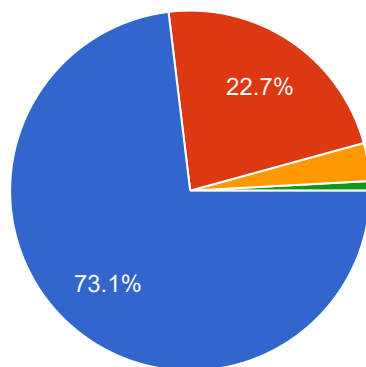
821 responses

- 4 – Every time
- 3 – Usually
- 2– Occasionally/Sometimes
- 1 – Rarely
- 0– Never

22.9%

73.7%

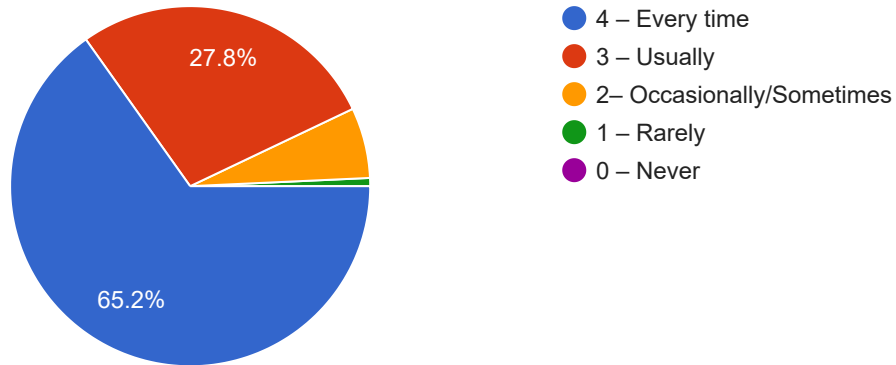## 11. Your mentor does a necessary follow-up with an assigned task to you.

821 responses

- 4 – Every time
- 3 – Usually
- 2– Occasionally/Sometimes
- 1 – Rarely
- 0 – I don't have a mentor

22.7%

73.1%

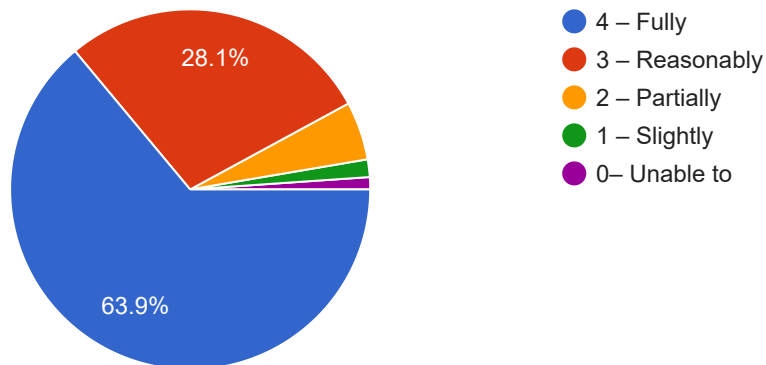## 12. The teachers illustrate the concepts through examples and applications.

821 responses

- 4 – Every time
- 3 – Usually
- 2– Occasionally/Sometimes
- 1 – Rarely
- 0 – Never

27.8%

65.2%

13. The teachers identify your strengths and encourage you with providing right level of challenges.

821 responses

- 4 – Fully
- 3 – Reasonably
- 2 – Partially
- 1 – Slightly
- 0– Unable to

28.1%

63.9%

14. Teachers are able to identify your weaknesses and help you to overcome them.

821 responses

- 4 – Every time
- 3 – Usually
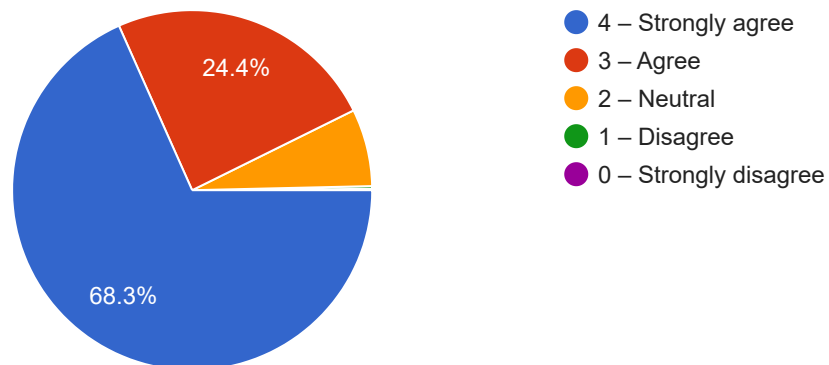- 2 – Occasionally/Sometimes
- 1 – Rarely
- 0 – Never

27.2%

62.1%
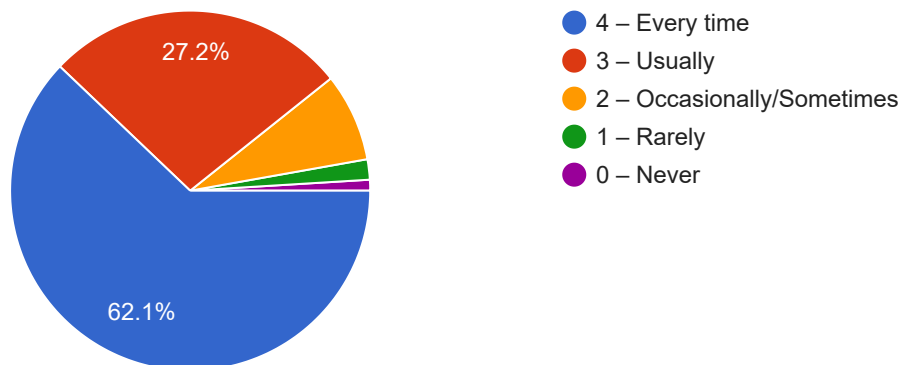
15. The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
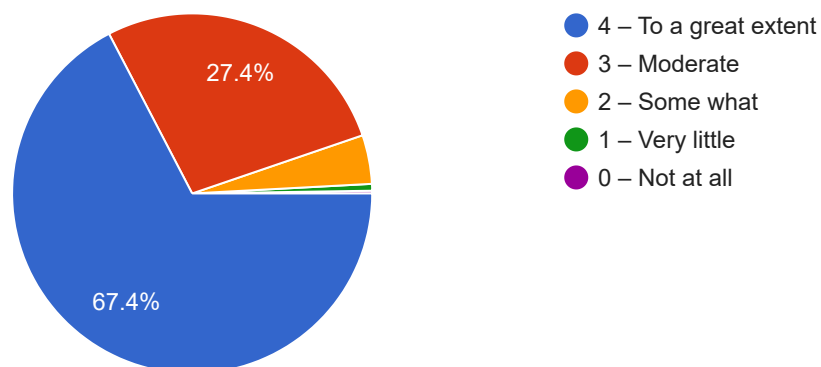
821 responses

- 4 – Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0 – Strongly disagree

24.4%

68.3%

16. The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.
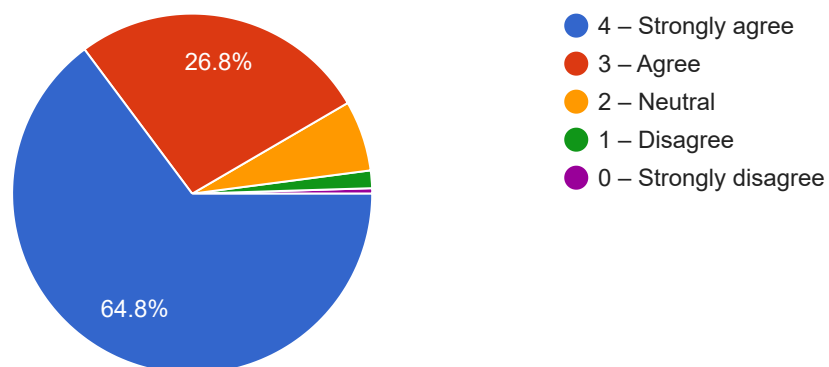
821 responses

- 4 – To a great extent
- 3 – Moderate
- 2 – Some what
- 1 – Very little
- 0 – Not at all

27.4%

67.4%

17. Teachers encourage you to participate in extracurricular activities.

821 responses

- 4 – Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0 – Strongly disagree

26.8%

64.8%
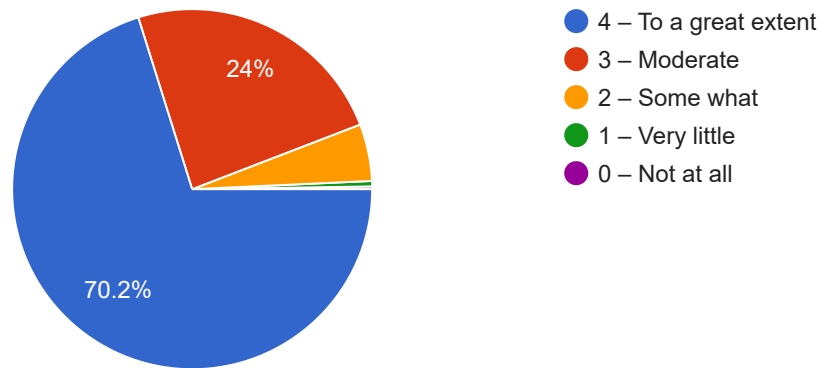
18. Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.
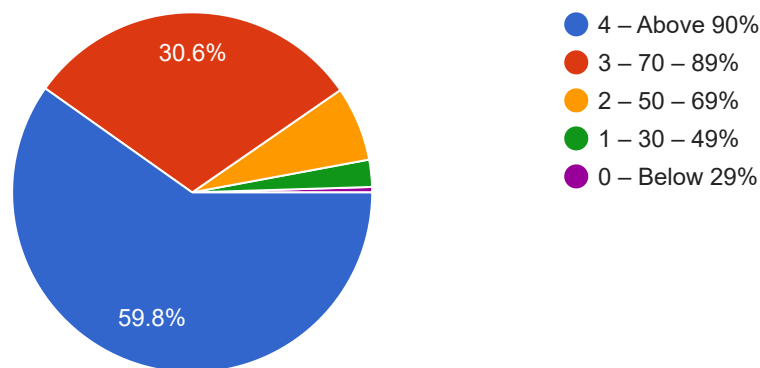
821 responses

- 4 – To a great extent
- 3 – Moderate
- 2 – Some what
- 1 – Very little
- 0 – Not at all

24%

70.2%

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

821 responses

- 4 – Above 90%
- 3 – 70 – 89%
- 2 – 50 – 69%
- 1 – 30 – 49%
- 0 – Below 29%

30.6%

59.8%

20. The overall quality of teaching-learning process in your institute is very good.

821 responses

- 4 –Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0 – Strongly disagree

31.5%

63.6%
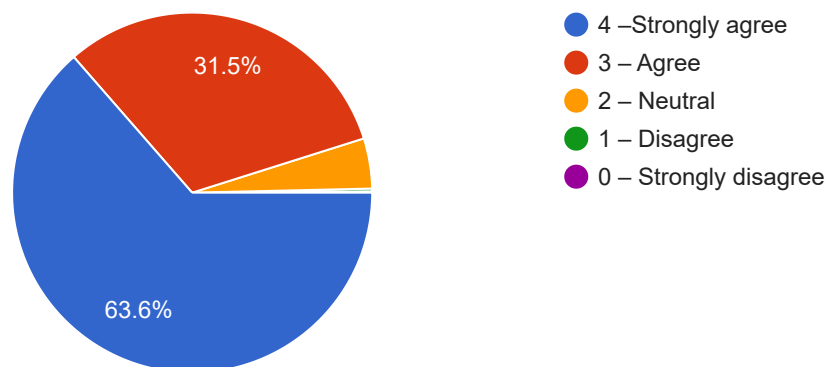
21. Quality of placement offered in your institute is excellence.

821 responses

- 4 –Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0 – Strongly disagree

24%

71.7%
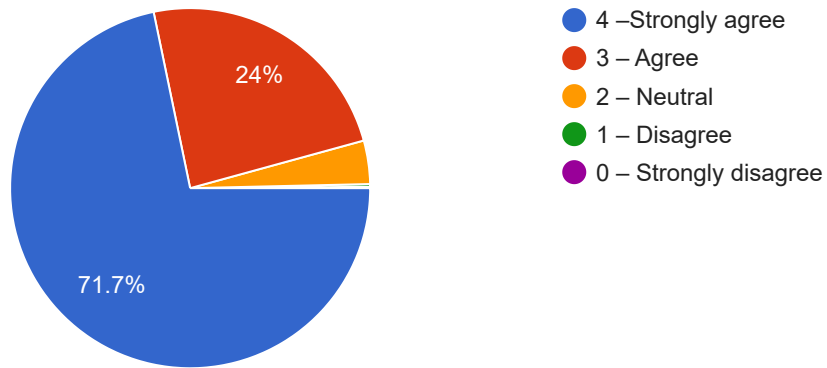
22. The overall infrastructure facilities of your institute

821 responses

- 4 –Excellent
- 3 – Very good
- 2 – Good
- 1 – Satisfactory
- 0 – needs improvement

25.9%

9.5%

62.1%
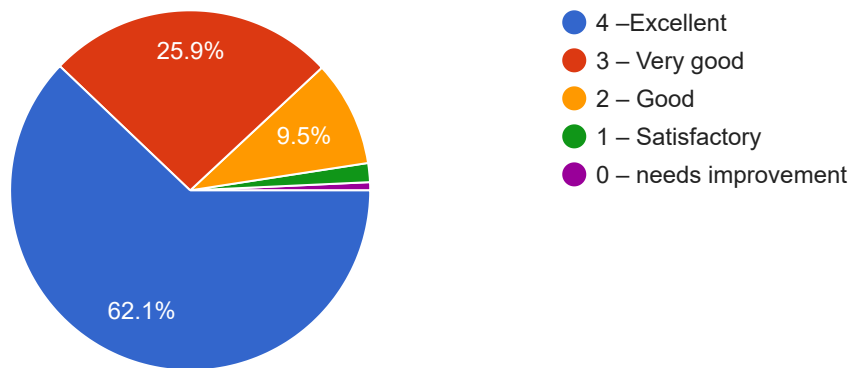
23. Give three observation / suggestions to improve the overall teaching – learning experience in your institution.

821 responses

Nil

-

Nothing

Good

No

Nothing

NIL

Nill

Good

.

No suggestions

nil

All good

Nil

nothing

None

No suggestions

Everything is fine

.

NA

Everything is good

Everything is good

--

Everything is fine

No suggestion

Excellent

Null

In our institution it's already excellent

Nill

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1. Add more practical classes to learn better.
2. Use group activities and discussions to make learning fun.
3. Update subjects with new technologies.

Enhancing Practical Learning Opportunities, Frequent webinars are conducted, and alumni interactions provide some industrial exposure.

The teachers are doing their greatest job to teach us.

Good
Need to give some exercise prblm

Learing and teaching good but providing jobs for freshers like B.E and M.E were amazing!

1. Encourage practical learning through real-world applications.

2. Offer personalized support to address individual student needs.

3.Promote peer learning through group projects and discussions.

1. Make classes more interactive.
2. Use technology for better learning.
3. Give regular feedback to students.

Maintaining time management , Cooperation to classes , Practical learning.

To give time gaps for exams

excellent

Reduce the syllabus or increase the time duration of the semester

The air conditioning in our college needs improvement for better comfort. Additionally, incorporating more classes focused on real-time applications and real-life scenarios would greatly enhance learning outcomes.

Avoid pt like exams focus on coding, appitute, communication skills practice more for students,Avoid 2 exams per day I will make frustration more,Gives lot of placement training

Teaching also well and good

Please concentrate in practical when compared to theory component

Foster interactive learning through hands-on activities, and real-world applications to actively engage students.

More Practical Exposure and practical learning of concepts

Suggest organizing regular workshops, hackathons, and industry interaction programs to expose students to real-world scenarios.

I think it's good overall I don't think there will be any improvement needed

Make Classes Interactive: Include more discussions, group activities, and Q&A sessions to make learning engaging.
Use Technology: Use smart boards, videos, and online resources to explain concepts better.
Give Regular Feedback: Teachers and students can share feedback to improve teaching methods and understanding.

No need

More practical approach should be put on to the teaching
Reward structure should be implemented which generates intrest in students to do a particular work
Should focus equally on students who don't want placement helping them to identify there intrest and future rather than insisting every students to get placed for placement percentage

Can be used with some real world applications for teaching and solving problems

Out college staffs are excellent in teaching.

Need deep explanation about the topic

To provide hands on experience with all the topics

everything is good

Improve mentorship
Interact with student to know the capabilities
Encourage them in studies
Give the application life lessons through teaching

The BBC L

Very well

Make classes more interactive with practical examples

To enhance the learning experience, I recommend incorporating more practical examples and real-world applications in lessons, which would help us relate theory to practice. Integrating more digital tools, such as interactive quizzes and online platforms, could make learning more dynamic and accessible. Additionally, having more opportunities for one-on-one interactions with teachers would allow us to clarify doubts and receive personalized guidance.

Incorporate Interactive and Collaborative Learning: Integrating more group projects, discussions, and collaborative assignments can enhance student engagement. Encouraging peer-to-peer learning and real-time problem-solving in class can help students better grasp concepts and develop critical thinking skills

Lab system are not up to level ..

Improve hands-on training

1. Make students and Staffs to Talk in English inside the campous
2. Professors are asked to treat all the students equally and respectfully

Thankyou

Teaching is already excellent

1)While teaching practical concepts it's better to explain with animations in case of using PPT, So that students can easily capture the concepts.
2) After completion of the each CO if it is possible means ask the students to develop a relevant mini projects.
3) Give more weightage to the real time projects.

Well

Understand the situation/environment.

Overall the teaching learning experience is good ,maybe they can conduct more activities on the respective CO's

Pratical Experiment would do need be integrated

Need some hours for relaxation

Should care for the slow learners more.
Can teach through more practical works .

actively engage students with diverse learning methods

Nothings

The content of the theory needs to be delivered clearly

Adaptive assessment, experiential learning

Give more importance for practical sessions

Give more coding questions

All the things are good ...they are very concern about the student's perspective

Good Teaching

Teachers are supposed to teach, try and reduce other works assigned to them.
Try and communicate with the students freely.
Make the placement rules and policies transparent. (No ifs and buts)

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Use projector for beter learning
Use ppt for teaching concepts

Animated Videos Can be used for learning

Give more real time scenarios

Need to improve engaging learning like they need to notice when students zoneout and quickly take initiatives to make the class engaging but care must be taken to not discourage the students.

In my view,Our teacher are excellent in their field of teaching

Everything is perfect

1)Always network issue facing during class hours.
2) there no available of class for teaching

Provide more practicals with solutions explanation in a detailed and understandable way
Provide personalized learning experience
Should conduct more feedback

It has been great so far.

regular interaction with students regarding doubts , using different mediums to teach

Execute more practical learning sessions

1. Use fun and practical activities to make classes interesting.

2. Ask students for feedback to improve teaching.

3. Arrange workshops to teach real-life skills.

317 more responses are hidden