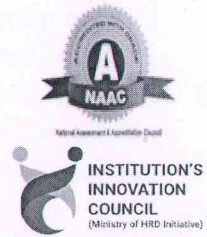# ERODE SENGUNTHAR

ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade

PERUNDURAI -638 057, TAMILNADU, INDIA.

Department of Computer Science and Design
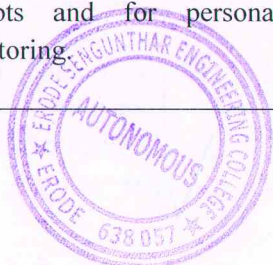
Students Satisfaction Survey (UG) – Analysis Report

2024 – 25

S.No.	Parameters	Total Responses	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly Disagree in %	Action taken
1	The curriculum is well balanced, updated periodically and satisfies the present needs.	173	31	46	17	4	2	Efforts are being made to increase the incorporation of **emerging industry trends** and **technological advancements** in the curriculum.
2	Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/ field visits/ student internships.	173	44	52	29	7	3	Collaboration with more companies is underway to provide **better internship opportunities**, which will give students hands-on experience in real-world settings.
3	The curriculum facilitates interdisciplinary learning through foundation electives and general electives.	173	27	48	16	5	4	To strengthen interdisciplinary learning, **hands-on projects** that require collaboration between students from different disciplines will be introduced. This will allow students to apply knowledge from multiple fields in a practical setting.
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	173	25	46	19	7	3	The curriculum will be reviewed to identify areas where additional **practical courses** and **theory-cum-practical courses** can be introduced. These additions will aim to cover emerging skills and industry needs, especially in technical, hands-on disciplines.

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5	The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.	173	30	46	14	8	2	The **course enrollment system** will be reviewed to identify any bottlenecks or technical issues that might have prevented students from enrolling in their preferred courses or slots.
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	173	27	52	13	5	3	Resources such as **dedicated mentoring** and **practice sessions** will be made available to help students enhance their participation skills.
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social awareness	173	26	48	19	6	1	The curriculum of employability enhancement courses, such a **Environmental Sciences**, **Constitution of India**, and **Professional Ethics**, will be reviewed to ensure a stronger emphasis on real-world social issues and challenges.
8	The subject handling faculties adopt active and collaborative learning strategies like Think Pair Share, Flipped Classroom, Problem Based Learning etc.,	173	24	54	14	6	2	Faculty development workshops will be organized to introduce newer techniques and best practices in **collaborative and experiential learning** to enhance classroom interactivity.
9	The subject handling faculties use a variety of ICT Tools and Learning Management Systems like power point presentations, Google Classroom are effectively used for sharing of resource materials, conducting assignments, discussions and quizzes.	173	31	44	19	4	2	Faculty will be encourage to explore and implement new educational technologies that can enhance the learning experience.
10	The subject handling faculties are readily available for clarification of doubts and for personal mentoring	173	25	43	25	4	3	The institution will also implement a system for students to **book appointments** with faculty for one-on-one mentoring sessions, ensuring that students can easily access the support they need

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11	Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works.	173	29	44	18	6	3	Feedback will be solicited from students and faculty regarding specific equipment or software that would enhance the learning experience, particularly for practical classes and project work.
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	173	28	45	21	3	3	The institute will explore options for providing **financial assistance** or subsidies for students who wish to enroll in costly online certification programs, ensuring that financial barriers do not hinder participation.
13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	173	26	53	13	6	2	Regular meetings between faculty and student representatives will be held to discuss assessment-related issues, allowing students to voice their concerns directly to the administration.
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	173	34	39	18	6	3	Faculty will be encouraged to incorporate a variety of assignment types, such as group projects, case studies, and presentations, that promote collaboration and enhance communication skills.
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills.	173	25	50	19	4	2	Faculty will also be trained on **Bloom's Taxonomy**, ensuring that assessments are aligned with higher levels of cognitive development, including application, analysis, evaluation
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning.	173	28	45	19	6	2	Assessments will be evaluated to ensure they include components that encourage **critical thinking**, **problem-solving**, and **teamwork**, especially in disciplines where collaborative learning is essential.

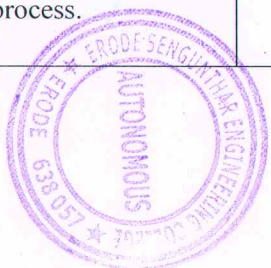|							
17	Communication, Critical thinking, Collaboration, Creativity are given importance in assessments.	173	28	49	17	3	3	Faculty will be encouraged to design tasks such as **presentations**, **debates**, **group projects**, and **case studies** that specifically measure these skills, giving students more opportunities to demonstrate their abilities in these areas.
18	The institute takes active interest in promoting internships / field visits opportunities for students.	173	26	52	14	6	2	Regularly assess the quality of internships and field visits through student feedback and adjust the offerings based on student and industry needs.
19	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.	173	30	48	15	6	1	Provide **ongoing support** and **resources** to students for continuous skill development, including access to career counseling, alumni networks, and industry connections.
20	The institute provides opportunities for co curricular / extracurricular activities.	173	31	44	18	6	1	Continuously assess student engagement and satisfaction with these programs to make necessary adjustments that cater to evolving needs.
21	Course enrolments, course feedback, tracking of attendance and grades are made easier with the in-house automation software (E Nova) for the academic process.	173	24	50	19	6	1	Continuously update and refine the E Nova platform based on user feedback to ensure that it remains a convenient and efficient tool for managing academic processes.
22	In connection with the implementation of Outcome Based Education, Course Outcomes and Programme Outcomes are assessed periodically and subsequent actions are taken for continuous improvement.	173	30	46	14	8	2	Faculty members will be trained in how to design courses and assessments that more effectively target the achievement of specific outcomes.
23	A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges.	173	31	45	14	6	4	Mentors will be encouraged to hold **one-on-one meetings** more frequently to ensure that students feel supported and that their concerns are heard and addressed.

24	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	173	27	46	17	7	3	Internet speed was improved for uninterrupted connection and all class rooms were installed with LCD Projector.
25	Library is digitized and includes sufficient count of reference and text books and access to international and national journals	173	28	49	18	4	1	To ensure students are aware of the library's resources, regular **promotional campaigns** will be conducted, highlighting new acquisitions, digital resources, and how to access them.
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	173	28	42	19	7	4	Continuously monitor the effectiveness of support systems and implement necessary improvements based on student feedback to ensure they meet the evolving needs of the student body.
27	To what extent, you are satisfied in the Teaching Learning via online mode.	173	26	50	16	6	2	Encourage faculty to implement a variety of teaching strategies, such as **group discussions, breakout rooms, and interactive assessments**, to enhance student engagement.
28	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	173	28	42	19	7	4	A regular **feedback mechanism** will be established, allowing students to provide ongoing feedback about their experiences with the support systems. This could include suggestion boxes, surveys, or online forms.
29	How well did the teachers prepare for the classes?	173	7	74	13	1	5	Faculty members will be encouraged to share best practices and resources that have been effective in their teaching preparation.
30	How well were the teachers able to communicate?	173	42	34	16	5	3	Faculty will be encouraged to engage in **self-reflection** regarding their communication practices, seeking feedback from peers and students to continually improve their skills.

31	The teacher's approach to teaching can best be described as	173	32	35	26	5	2	Workshops will be organized on **modern pedagogical approaches**, with a focus on integrating technology, fostering student collaboration, and adapting teaching styles to meet diverse learning needs.
32	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	173	42	43	10	4	1	Teachers will be encouraged to use **Learning Management Systems (LMS)** or online platforms like Google Classroom or Moodle to provide students with easy access to course outcomes and competencies, enabling them to refer to these at any time.
33	Your mentor does a necessary follow-up with an assigned task to you.	173	36	49	6	7	2	Regular **mentee surveys** will be conducted to ensure that mentors are providing adequate follow-up and to measure overall satisfaction with the mentoring process.
34	The teachers illustrate the concepts through examples and applications.	173	42	38	12	7	1	Faculty will be trained on the use of **multimedia tools** such as animations, videos, and simulations that can help in better visualizing and understanding abstract concepts.
35	The teachers identify your strengths and encourage you with providing right level of challenges.	173	49	30	14	4	3	Faculty will be encouraged to use a **scaffolded approach**, where challenges increase progressively as students demonstrate readiness to take on more complex tasks.
36	Teachers are able to identify your weaknesses and help you to overcome them.	173	47	32	12	6	3	**Experienced teachers** will be invited to share successful methods for identifying and addressing student weaknesses, allowing for peer learning and best practice sharing.
37	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.	173	32	52	9	5	2	Regularly integrate student suggestions into the curriculum, teaching methods, and assessment strategies to ensure continuous quality improvement based on student needs and expectations.

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38	The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	173	39	42	9	8	2	Industry collaborations will be increased to offer more industry-sponsored projects, internships, and case studies that allow students to apply theoretical knowledge to practical problems.
39	Teachers encourage you to participate in extracurricular activities.	173	36	39	19	4	2	Workshops will be conducted to share best practices for encouraging student participation in extracurricular activities effectively.

Teaching Coordinator   **Head of the Department**   **Principal**