ERODE SENGUNTHAR
ENGINEERING COLLEGE
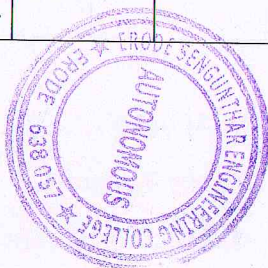### (An Autonomous Institution)
Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade
PERUNDURAI -638 057, TAMILNADU, INDIA.

Department of Artificial Intelligence and Data Science (*AI&DS*)

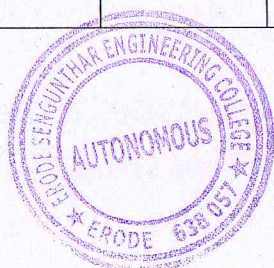### Students Satisfaction Survey – Analysis Report
AY 2024 – 2025

S. No.	Parameters	Total Responses	Strongly Agree in %	Agree in %	Neutral in %	Disagree in %	Strongly Disagree in %	Action taken
				CURRICULUM				
1	The curriculum is well balanced, updated periodically and satisfies the present needs.	325	20	56.6	20	2.4	1	Some of the Courses are added in the syllabus to improve the technical skills
2	Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/	325	16.6	54.2	23.1	5.4	0.7	Workshops, Seminars, Guest Lectures and STTPs are conducted in the department with industrial experts to meet out the Industrial needs and industrial expectations.
3	The curriculum facilitates interdisciplinary learning through foundation electives and general electives.	325	19.7	49.2	27.4	3.2	0.5	Developed new electives that combine principles from various disciplines (e.g., environmental science and policy, digital humanities).
4	The curriculum has adequate number of	325	22.8	52.3	23.4	1.5	0	Mini Project & Communication Skills Lab are included in the

								syllabus
	practical courses / theory cum practical courses/ Project works for skill development.							
5	The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.	325	22.2	50.2	23.7	3.9	0	Developed an online platform for course registration that allows students to view and select from available courses and slots.
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	325	20.9	50.8	23.4	4.6	0.3	Designed and implemented skill-based courses focusing on practical applications and innovative problem-solving techniques.
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	325	22.2	52.3	21.5	3.9	0.1	To foster social awareness a. employability among students through the introduction of courses such as Environmental Sciences,
	CONTENT DELIVERY							
8	The subject handling faculties adopt active and collaborative learning strategies like	325	18.5	51.7	24.9	4.5	0.4	Conducted workshops for faculty on active learning methodologies and their

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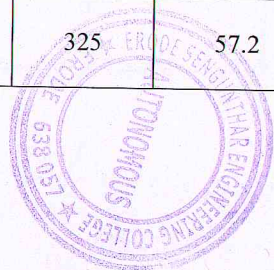(Autonomous)
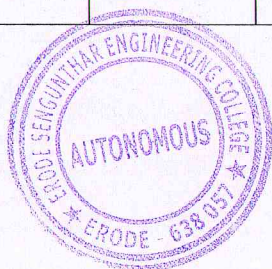Thudupathi, Perundurai, Erode -638 057.

	Think Pair Share, Flipped Classroom, Problem Based Learning etc.,							implementation in the classroom.
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.	325	21.5	53.2	20.6	4.5	0.2	New Smart Classroom is constructed and utilized for PPT & animated videos presentation by the faculties
10	The subject handling faculties are readily available for Clarification of doubts and for personal mentoring.	325	21.2	52.3	24	2.3	0.2	Staff Students Mentoring ratio is maintained as 1.15 The students are segregated as bright, average and below average category Each faculty is given with the students of each category Mentoring system is properly carried out to improve the students performance
11	Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works.	325	18.2	54.5	22.2	4.8	0.2	New equipments are purchased for conduct of practical classes.
12	The institute provides support for	325	57.2	28.9	13.8	0.1	0	Students are encouraged to register NPTEL

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	participation in online certification from NPTEL, edX etc.,						courses and coaching is provided by the faculties.

ASSESSMENT

13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	325	28.6	49.5	19.1	2.8	0	Established a comprehensive assessment policy that outlines the criteria for fairness, transparency, and accountability in evaluating student performance.
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	325	20.9	54.2	21.8	3.1	0	Incorporated a variety of formats, such as case studies, group projects, and presentations, to encourage diverse approaches to problem-solving.
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	325	21.5	51.4	24	3.1	0	Created a clear framework outlining the levels of cognitive skills as per Bloom's Taxonomy, focusing on application, analysis, synthesis, and evaluation.
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning.	325	21.5	49.8	24	4.7	0	• Assignment, laboratory and project assessments are provided to the students as per the well defined rubrics • Internal

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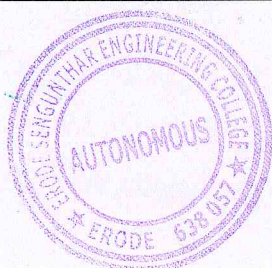|							
							assessment is given to the students as per the assignment marks, attendance and internal assessment test marks
17	Communication, Critical thinking, Collaboration, Creativity are given importance in assessments.	325	22.5	50.8	23.4	3	0.3	Shared strategies for fostering an environment that encourages creativity and open communication among students.
SUPPORT SYSTEM/INFRASTRUCTURE								
18	The institute takes active interest in promoting internships / field visits opportunities for students.	325	53.8	31.7	14.5	0	0	Good Response received
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.	325	53.8	35.1	11.1	0	0	Good Response received
20	The institute provides opportunities for co-curricular / extra-curricular activities.	325	51.1	33.2	15.7	0	0	Good Response received
21	Course enrolments, course feedback, tracking of attendance and grades are	325	25.5	51.1	20.6	2.6	0.2	New Software (Kredovoice out) is used to collect the feedback and updated version of E Nova software is used to tracking

No.	Statement							Remarks
	made easier with the in-house automation software (E Nova) for the academic process.							the attendance and grades in CATs of the students.
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.	325	21.5	53.5	21.8	3	0.2	Content beyond the syllabus and innovative Teaching methods and group based Assignments are provided improve the outcome based education
23	A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges.	325	20.6	54.5	20.9	3.8	0.2	Staff Students Mentoring ratio is maintained as 1.15 The students are segregated as bright, average and below average category Each faculty is given with the students of each category Mentoring system is properly carried out to improve the students performance
24	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	325	17.2	54.2	24.6	3.6	0.4	• Each class room is provided with Projector facility and wifi connectivity. • New smart classroom is available in the department with good Audio and

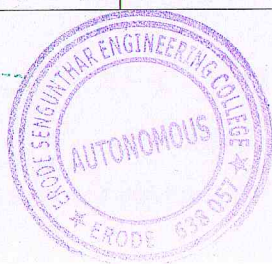|								Multimedia System.
25	Library is digitized and includes sufficient count of reference and text books and access to international and national journals	325	21.5	55.1	19.7	3.4	0.3	More International Journals are purchased and more Electronic (Online) journals can be accessed by the students.
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	325	20.3	48.3	25.5	4.4	1.5	Separate hostels are provided to the girls and boy students Canteen is functioning in the college premises during working hours ATM facility is available in the college campus for 24 hours Stores is available in the college campus during working hours Clinic facility available in the hostel during evening time and ambulance facility is provided to the students at any time for emergency
27	To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period	325	16.9	58.5	21.2	3.4	0	Describe the methods used to gather feedback (surveys, interviews, focus groups).

Teaching Learning Process

S. No.	Parameters	Total Responses	85 – 100 %	70 – 84 %	55 – 69 %	30 – 54 %	Below 30%	Action taken
28	How much of the syllabus was covered in the class?	325	21.2	40.6	26.8	8.6	2.8	Collect feedback from students about their perception of syllabus coverage.

S. No.	Parameters	Total Responses	Thoroughly	Satisfactorily	Poorly	Indifferently	Won't Teach at all	Action taken
								This can provide insights into whether they feel adequately prepared.
29	How well did the teachers prepare for the classes?	325	36	58.5	5.5	0	0	Good Response received

S. No.	Parameters	Total Responses	Always Effective	Sometimes Effective	Satisfactorily	Ineffective	Very Poor	Action taken
30	How well were the teachers able to communicate?	325	69.5	30.5	0	0	0	Good Response received

S. No.	Parameters	Total Responses	Excellent	Very Good	Good	Fair	Poor	Action taken
31	The teacher's approach to teaching can best be described as	325	24.6	62.2	11.4	1.8	0	Focuses on the needs, interests, and learning styles of students, encouraging active participation and collaboration.

S. No.	Parameters	Total Responses	Every Time	Usually	Occasionally	Rarely	Never	Action taken
32	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	325	37.2	44.6	16	2.2	0	In the mentoring class, teachers are instructing the CO and PO of the courses.
33	Your mentor does a necessary follow-up with an assigned task to you.	325	42.2	40.9	14.5	2.4	0	Briefly outline the context of the assigned task and the role of the mentor in the process.
34	The teachers illustrate the concepts through	325	38.2	42.5	15.1	4.2	0	Brief overview of the teaching approach focused

S. No.	Parameters	Total Responses	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Action taken
	examples and Applications.							on using examples and real-world applications to enhance understanding.
35	The teachers identify your strengths and encourage you with providing right level of challenges.	325	34.5	51.4	12.5	1.6	0	The students are segregated as bright, average and below average category Each faculty is given with the students of each category Mentoring system is properly carried out to encourage the students to overcome their challenges.
36	Teachers are able to identify your weaknesses and help you to overcome them.	325	38.8	45.8	8	7.4	0	In Mentoring class the faculties are identified their weakness in subjects and their activities by proper mentoring and suggestions are given to overcome their weakness.
S. No.	Parameters	Total Responses	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Action taken
37	The institution makes effort to engage students in the Monitoring, review and continuous quality improvement of the teaching learning process.	325	22.2	53.2	19.1	4.9	0.6	Overview of the institution's commitment to enhancing the teaching-learning process through student engagement in monitoring and quality improvement.
38	The institute/ teachers use student centric methods, such as Experiential learning, participative learning and	325	27.1	61.2	8.6	3.1	0	Summarize the overall effectiveness of using student-centric methods in enhancing learning experiences and

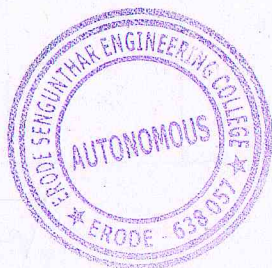|							
	problem solving methodologies for enhancing learning experiences.						outcomes, highlighting successes and areas for further improvement.
39	Teachers encourage you to participate in extracurricular activities.	325	21.2	55.1	19.7	3.3	0.7	Overview of the importance of extracurricular activities in student development and the role of teachers in promoting these activities.
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.	325	Many of the Students were given their suggestions to improve the quality of Teaching Learning Process					Good Response received

Teaching Coordinator   **HoD / AI&DS**   **Principal**

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