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 2022 –2023

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.	192	21.4	38.4	35.7	1.3	1.2	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/	192	18.8	37.5	34.8	4.5	4.4	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.	192	19.6	43.8	33.00	1.8	1.8	Good Response received
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	192	22.3	37.5	33.9	5.72	5.72	Mini Project & Communication Skills Lab are included in the syllabus
5	The implementation of the Choice Based Credit System	192	18.8	43.8	28.6	5.8	3	Good Response received

	(CBCS) has enabled you to enroll in the courses and slots you opted for.						
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	192	20.5	42.9	28.6	5	3	Good Response received
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	192	19.6	47.3	27.7	2.4	3	Good Response received
CONTENT DELIVERY								
8	The subject handling faculties adopt active and collaborative learning strategies like Think Pair Share, Flipped Classroom, Problem Based Learning etc.,	192	20.5	38.4	33	5.1	3	Good Response received
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.	192	23.3	49.1	24.1	3.5	1	New Smart Classroom is constructed and utilized for PPT & animated videos presentation by the faculties
10	The subject handling faculties are readily	192	18.8	46.4	31.3	2.2	2.3	Staff Students Mentoring ratio is maintained as 1.15

	available for Clarification of doubts and for personal mentoring.							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.	192	17.9	39.3	33	4.9	4.9	New equipments are purchased for conduct of practical classes.
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	192	34.8	33	27.7	2.25	2.25	Students are encouraged to register NPTEL courses and coaching is provided by the faculties.
ASSESSMENT								
13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	192	25.9	42	24.1	5	4	Good Response received
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	192	23.2	36.6	34.3	2.9	2	Good Response received
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	192	23.2	38.4	29.5	5.9	3	Good Response received
16	The assessments provided the right level of challenge and an opportunity for	192	25.9	35.7	33	2.7	2.7	• Assignment, laboratory and project assessments are provided

	collaborative/co-operative learning.							to the students as per the well defined rubrics • Internal 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.	192	22.3	43.8	25.9	5	3	Good Response received

<div align="center">SUPPORT SYSTEM/INFRASTRUCTURE</div>

18	The institute takes active interest in promoting internships / field visits opportunities for students.	192	25	33	23.2	11.6	7.2	Internship is added as a mandatory courses for completing their degree
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.	192	31.3	38.4	24.1	3.1	3.1	Placement and soft skills Training Classes are included (2 Hrs/week) in the regular time table to improve the students employability.
20	The institute provides opportunities for co-curricular / extra-curricular activities.	192	29.5	38.4	25.9	3	3.2	Students are encouraged to participate in co-curricular and extra-curricu activities. More than 80% of the students were participated in various activities such as workshop, seminars/webinars, paper presentation, NSS & Sports, etc.
21	Course enrolments, course feedback, tracking of attendance and grades are made easier with the in-	192	29.5	31.3	33	4.2	2	New Software (Kredovoice out) is used to collect the feedback and updated version of E Nova software is

	house automation software (E Nova) for the academic process.							used to tracking 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.	192	28.6	33.9	26.8	7.7	3	Content beyond the syllabus and innovative Teaching methods and group based Assignments are provided to 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.	192	22.3	35.7	33.1	5.45	3.45	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
2	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	192	22.3	34.8	30.4	6.25	6.25	• 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	192	26.8	38.4	28.6	3.1	3.1	More International Journals are purchased and more Electronic (Online) journals can be accessed by the students.

S. No.	Parameters	Total Responses						Action taken
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	192	21.4	38.4	29.5	8	2.7	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	192	30.4	61.6	4	2	2	Good Response received

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?	192	36.6	43.8	16.1	2.5	1.1	Good Response received

S. No.	Parameters	Total Responses	Thoroughly	Satisfactorily	Poorly	Indifferently	Won't Teach at all	Action taken
29	How well did the teachers prepare for the classes?	192	25	59.8	11.6	2	1.6	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?	192	32.1	42	17.9	5	3	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	192	23.2	36.6	31.3	4.6	4.3	Good Response received

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.	192	26.8	47.8	20.5	3.45	1.45	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.	192	37.5	49.1	11.6	0.9	0.9	Good Response received
34	The teachers illustrate the concepts through examples and Applications.	192	35.9	57.1	2	4	1	Good Response received
35	The teachers identify your strengths and encourage you with providing right level of challenges.	192	26.8	43.7	23.2	3.15	3.15	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 encourage the students to overcome their challenges.
36	Teachers are able to identify your weaknesses and help you to overcome them.	192	23.2	48.2	19.6	6	3	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.	192	28.6	35.7	30.4	3.3	2	Good Response received

38	The institute/ teachers use student centric methods, such as Experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	192	25.9	40.2	28	8	1	Good Response received
39	Teachers encourage you to participate in extracurricular activities.	192	29.5	37.5	27.7	2.65	2.65	Good Response received
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.	192	Many of the Students were given their suggestions to improve the quality of Teaching Learning Process					Good Response received

Teaching Coordinator

D.Pavunkumar

HoD / AI&DS

Principal