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 Biotechnology

Students Satisfaction Survey – Analysis Report
AY 2024 – 25

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.	43	19	47.6	28.6	2.4	2.4	Skill oriented 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/	43	20.9	39.5	32.6	2.3	4.7	Workshops, Leader's talk, 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.	43	20.9	48.8	20.9	4.7	4.7	Open elective courses are included
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	43	9.3	39.5	25.6	7	18.6	Internship, Mini Project & Communication Skills Lab are included in the syllabus
5	The implementation of the Choice Based	43	11.6	46.5	27.9	2.3	11.6	Introduces industry based electives to

	Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.							improve student skills for placement
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	43	9.3	39.5	37.2	2.3	11.6	Good Response received
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	43	16.7	40.5	26.2	4.8	11.9	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.,	43	14.3	42.9	28.6	7.1	7.1	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.	43	18.6	39.5	25.6	9.3	7	Implemented in Innovative Teaching Methodologies and New Smart Classroom is constructed and utilized for PPT & animated videos presentation by the faculties
10	The subject handling faculties	43	18.6	51.2	14	4.7	11.6	Staff Students Mentoring ratio is

	are readily available for Clarification of doubts and for personal mentoring.							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.	43	16.3	20.9	34.9	11.6	16.3	New equipments are purchased for conduct of practical classes.
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	43	11.6	41.9	23.3	4.7	18.6	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.	43	20.9	41.9	27.9	2.3	7	Good Response received
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	43	14	46.5	18.6	9.3	11.6	Good Response received
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	43	16.3	41.9	25.6	7	9.3	Good Response received
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-	43	11.6	51.2	25.6	0	11.6	• Assignment, laboratory and project assessments are provided to the students

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	operative learning.							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.	43	18.6	48.8	20.9	2.3	9.3	Soft skills course was included in curriculum to make them ready for the world of work
SUPPORT SYSTEM/INFRASTRUCTURE								
18	The institute takes active interest in promoting internships / field visits opportunities for students.	43	14	39.5	32.6	2.3	11.6	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.	43	16.3	46.5	25.6	7	4.7	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.	43	7	53.5	27.9	2.3	9.3	Students are encouraged to participate in co-curricular and extra-curricular 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-house automation	43	16.3	44.2	27.9	9.3	2.3	New Software (Kredovoice out) is used to collect the feedback and updated version of E Nova software is used to tracking

	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.	43	7	53.5	25.6	7	7	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.	43	18.6	46.5	23.3	7	4.7	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
	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	43	11.6	37.2	23.3	16.3	11.6	• Each class room is provided with Projector facility and Wi-Fi 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	43	30.2	39.5	18.6	4.7	7	More International Journals are purchased and more Electronic (Online) journals can be accessed by the students.
26	The support	43	14	44.2	30.2	2.3	9.3	Separate hostels

S. No.	Parameters	Total Responses						Action taken
	systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.							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 students at any time for emergency
27	To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period	43	11.6	46.5	25.6	4.7	11.6	Good Response received

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?	43	14	27.9	51.2	4.7	2.3	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?	43	-	81.4	11.6	7	0	Good Response received

S. No.	Parameters	Total Responses	Always Effective	Sometimes Effective	Just Satisfactorily	Ineffective	Very Poor	Action taken
30	How well were the teachers able to communicate?	43	46.5	27.9	20.9	4.7	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	43	23.3	27.9	41.9	7	0	Good Response received

S. No.	Parameters	Total Responses	Every Time	Usually	Occasionally	Rarely	Never	Action taken

S. No.	Parameters	Total Responses	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Action taken
32	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	43	47.6	42.9	7.1	2.4	0	Good Response received
33	Your mentor does a necessary follow-up with an assigned task to you.	43	39.5	32.6	16.3	9.3	2.3	Good Response received
34	The teachers illustrate the concepts through examples and Applications.	43	55.8	30.2	9.3	2.3	2.3	Good Response received
35	The teachers identify your strengths and encourage you with providing right level of challenges.	43	46.5	34.9	11.6	4.7	2.3	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.	43	46.5	27.9	11.6	11.6	2.3	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.	43	20.9	51.2	25.6	2.3	0	Good Response received
38	The institute/ teachers use student centric	43	34.9	39.5	11.6	11.6	2.3	Good Response received

	methods, such as Experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.						
39	39.Teachers encourage you to participate in extracurricular activities.	43	32.6	34.9	20.9	4.7	7	Good Response received
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.		Many of the Students were given their suggestions to improve the quality of Teaching Learning Process					Good Response received

Teaching Coordinator   HoD / CHEM   Principal