



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Permanently Affiliated to Anna University, Chennai &

Accredited by NAAC with 'A' grade, Bengaluru and IE(I), Kolkata)

PERUNDURAI, ERODE-638 057



Department of Biomedical Engineering Students Satisfaction Survey – Analysis Report 2022 – 23 II Year

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.	41	43.9	31.7	24.4	0	0	Good Response received
2	Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/	41	41.5	36.6	22	0	0	Good Response received
3	The curriculum facilitates interdisciplinary learning through foundation electives and general electives.	41	46.3	31.7	22	0	0	Good Response received
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	41	43.9	17.1	22	17.1	0	Good Response received
5	The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.	41	48.8	31.7	19.5	0	0	Many options of professional elective and open elective papers are introduced in the curriculum
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	41	41.5	39	7.3	7.3	4.9	Good Response received
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	41	53.7	31.7	2.4	0	12.2	Good Response received
8	The subject handling faculties adopt active and collaborative learning strategies like Think	41	53.7	34.1	2.4	2.4	7.3	Good Response received

	Pair Share, Flipped Classroom, Problem Based Learning etc.,							
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.	41	39	41.5	4.9	2.4	12.2	Good Response received
10	The subject handling faculties are readily available for Clarification of doubts and for personal mentoring.	41	53.7	24.4	19.5	2.4	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 improve the students performance
11	Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works.	41	53.7	29.3	14.6	2.4	0	Good Response received
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	41	68.3	17.1	14.6	0	0	<ul style="list-style-type: none"> Students are encouraged to register NPTEL courses More than 20 students registered the NPTEL courses
13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	41	51.2	36.6		12.2	0	Good Response received
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	41	51.2	34.1	12.2	2.4	0	Good Response received
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	41	46.3	39	14.6	0	0	Good Response received
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning.	41	56.1	26.8	14.6	2.4	0	Good Response received
17	Communication, Critical thinking, Collaboration, Creativity are given importance in assessments.	41	51.2	29.3	19.5	0	0	Good Response received
18	The institute takes active interest in promoting internships / field visits opportunities for students.	41	70.7	12.2	9.8	7.3	0	Good Response received
19	Efforts are made by the institute/	41	65.9	14.6	12.2	7.3	0	Good Response received

	teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.							
20	The institute provides opportunities for cocurricular / extracurricular activities.	41	68.3	17.1	7.3	4.9	2.4	Good Response received
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.	41	56.1	29.3	14.6	0	0	Good Response received
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.	41	43.9	43.9	12.2	0	0	Good Response received
23	A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges.	41	43.9	34.1	19.5	2.4	0	Good Response received
24	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	41	51.2	26.8	17.1	4.9	0	Good Response received
25	Library is digitized and includes sufficient count of reference and text books and access to international and national journals	41	51.2	36.6	12.2	0	0	Good Response received
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	41	41.5	39	14.6	2.4	2.4	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	41	53.7	26.8	19.5	0	0	Good Response received
Teaching Learning Process								
28	How much of the syllabus was	41	73.2	19.5	7.3	0	0	Good Response received

	covered in the class?							
29	How well did the teachers prepare for the classes?	41	51.2	43.9	4.9	0	0	Good Response received
30	How well were the teachers able to communicate?	41	65.9	22	12.2	0	0	Good Response received
31	The teacher's approach to teaching can best be described as	41	43.9	39	14.6	2.4	0	Good Response received
32	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	41	56.1	34.1	4.9	4.9	0	Good Response received
33	Your mentor does a necessary follow-up with an assigned task to you.	41	78	14.6	4.9	2.4	0	Good Response received
34	The teachers illustrate the concepts through examples and applications.	41	73.2	22	4.9	0	0	Good Response received
35	The teachers identify your strengths and encourage you with providing right level of challenges.	41	65.9	26.8	7.3	0	0	Good Response received
36	Teachers are able to identify your weaknesses and help you to overcome them.	41	73	.2	22	4.9		Good Response received
37	The institution makes effort to engage students in the Monitoring, review and continuous quality improvement of the teaching learning process.	41	46.3	41.5	12.2	0	0	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.	41	63.4	24.2	4.9	4.9	2.4	Good Response received
39	Teachers encourage you to participate in extracurricular activities.	41	48.8	41.5	9.8	0	0	Good Response received
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.	41						Good Response received


Teaching Coordinator


HoD / BME


Principal

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Department of Biomedical Engineering Students Satisfaction Survey – Analysis Report 2022 – 23 III Year

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.	65	73.8	20	3.1	1.5	1.5	Good Response received
2	Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/	65	70.8	20	7.7	1.5	0	Good Response received
3	The curriculum facilitates interdisciplinary learning through foundation electives and general electives.	65	67.7	29.2	3.1	0	0	Good Response received
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	65	81.5	7.7	4.6	6.2	0	Good Response received
5	The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.	65	70.8	23.1	3.1	3.1	0	Good Response received
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	65	76.9	20	3.1	0	0	Good Response received
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	65	76.9	21.5	0	0	1.5	Good Response received
8	The subject handling faculties adopt active and collaborative learning strategies like Think	65	75.4	21.5	1.5	1.5	0	Good Response received

	Pair Share, Flipped Classroom, Problem Based Learning etc.,							
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.	65	75.4	23.1	1.5	0	0	Good Response received
10	The subject handling faculties are readily available for Clarification of doubts and for personal mentoring.	65	76.9	18.5	4.6	0	0	Good Response received
11	Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works.	65	75.4	20	1.5	1.5	1.5	Good Response received
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	65	80	15.4	1.5	1.5	1.5	<ul style="list-style-type: none"> Students are encouraged to register NPTEL courses More than 40 students registered the NPTEL courses
13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	65	83.1	13.8	1.5	1.5	0	Good Response received
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	65	70.8	26.2	1.5	1.5	0	Good Response received
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	65	75.4	20	3.1	1.5	0	Good Response received
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning.	65	66.2	29.2	4.6	0	0	Good Response received
17	Communication, Critical thinking, Collaboration, Creativity are given importance in assessments.	65	75.4	18.5	4.6	1.5	0	Good Response received
18	The institute takes active interest in promoting internships / field visits opportunities for students.	65	83.1	13.8	3.1	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.	65	83.1	13.8	3.1	0	0	Good Response received

20	The institute provides opportunities for cocurricular / extracurricular activities.	65	80	16.9	1.5	1.5	0	Good Response received
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.	65	72.3	23.1	4.6	0	0	Good Response received
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.	65	70.8	26.2	3.1	0	0	Good Response received
23	A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges.	65	70.8	26.2	3.1	0	0	Good Response received
24	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	65	70.8	24.6	4.6	0	0	Good Response received
25	Library is digitized and includes sufficient count of reference and text books and access to international and national journals	65	73.8	21.5	3.1	1.5	0	Good Response received
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	65	73.8	20	6.2	0	0	Good Response received
27	To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period	65	76.9	20	3.1	0	0	Good Response received
28	How much of the syllabus was covered in the class?	65	87.7	9.2	1.5	1.5	0	Good Response received
29	How well did the teachers prepare for the classes?	65	76.9	23.1	0	0	0	Good Response received
30	How well were the teachers able to communicate?	65	86.2	9.2	1.5	1.5	1.5	Good Response received
31	The teacher's approach to teaching can best be described as	65	73.8	18.5	6.2	1.5	0	Good Response received
32	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	65	83.1	15.4	1.5	0	0	Good Response received
33	Your mentor does a necessary	65	83.1	15.4	1.5	0	0	Good Response received

	follow-up with an assigned task to you.							
34	The teachers illustrate the concepts through examples and applications.	65	84.6	15.4	0	0	0	Good Response received
35	The teachers identify your strengths and encourage you with providing right level of challenges.	65	81.5	12.3	6.2	0	0	Good Response received
36	Teachers are able to identify your weaknesses and help you to overcome them.	65	80	18.5	1.5	0	0	Good Response received
37	The institution makes effort to engage students in the Monitoring, review and continuous quality improvement of the teaching learning process.	65	78.5	20	1.5	0	0	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.	65	81.5	15.4	3.1	0	0	Good Response received
39	Teachers encourage you to participate in extracurricular activities.	65	75.4	24.6	0	0	0	Good Response received
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.	65						Good Response received

NAH

Teaching Coordinator

OK-B
HoD / BME

W

Principal



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Department of Biomedical Engineering Students Satisfaction Survey – Analysis Report 2022 – 23 IV Year

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.	44	40	45.5	2.3	2.3	0	Good Response received
2	Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/	44	38.6	61.4	0	0	0	Many options of professional elective and open elective papers are introduced in the curriculum
3	The curriculum facilitates interdisciplinary learning through foundation electives and general electives.	44	59.1	40.9	0	0	0	Good Response received
4	The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development.	44	56.8	11.4	31.8	0	0	Good Response received
5	The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for.	44	43.2	56.8	0	0	0	Good Response received
6	Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions	44	52.3	47.7	0	0	0	Good Response received
7	Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness	44	63.6	36.4	0	0	0	Good Response received
8	The subject handling faculties adopt active and collaborative learning strategies like Think	44	59.1	40.9	0	0	0	Good Response received

	Pair Share, Flipped Classroom, Problem Based Learning etc.,							
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.	44	52.3	47.7	0	0	0	Good Response received
10	The subject handling faculties are readily available for Clarification of doubts and for personal mentoring.	44	52.3	47.7	0	0	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 improve the students performance
11	Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works.	44	50	50	0	0	0	Good Response received
12	The institute provides support for participation in online certification from NPTEL, edX etc.,	44	79.5	15.9	2.3	2.3	0	Good Response received
13	The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased.	44	52.3	47.7	0	0	0	Good Response received
14	The tasks given in assignments have helped in enhancing your problem solving and communication skills.	44	56.8	43.2	0	0	0	Good Response received
15	The assessments are designed and evaluated appropriately to assess higher order thinking skills	44	54.5	45.5	0	0	0	Good Response received
16	The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning.	44	47.7	50	0	0	0	Good Response received
17	Communication, Critical thinking, Collaboration, Creativity are given importance in assessments.	44	61.4	38.6	0	0	0	Good Response received
18	The institute takes active interest in promoting internships / field visits opportunities for students.	44	79.5	13.6	4.5	2.3	0	Good Response received
19	Efforts are made by the institute/ teachers to inculcate soft skills,	44	75	22.7	2.3	0	0	Good Response received

	life skills and employability skills to make you ready for the world of work.							
20	The institute provides opportunities for cocurricular / extracurricular activities.	44	79.5	15.9	4.5	0	0	Good Response received
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.	44	63.6	36.4	0	0	0	Good Response received
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.	44	45.5	54.5	0	0	0	Good Response received
23	A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges.	44	50	50	0	0	0	Good Response received
24	Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity.	44	47.7	50	2.3	0	0	Good Response received
25	Library is digitized and includes sufficient count of reference and text books and access to international and national journals	44	50	50	0	0	0	Good Response received
26	The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour.	44	43.2	56.8	0	0	0	Good Response received
27	To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period	44	54.5	40.9	4.5	0	0	Good Response received
28	How much of the syllabus was covered in the class?	44	90.9	9.1	0	0	0	Good Response received
29	How well did the teachers prepare for the classes?	44	63.6	36.4	0	0	0	Good Response received
30	How well were the teachers able to communicate?	44	84.1	15.9	0	0	0	Good Response received
31	The teacher's approach to teaching can best be described as	44	56.8	38.6	4.5	0	0	Good Response received
32	Teachers inform you about your expected competencies, course	44	70.5	29.5	0	0	0	Good Response received

	outcomes and programme outcomes.							
33	Your mentor does a necessary follow-up with an assigned task to you.	44	88.6	11.4	0	0	0	Good Response received
34	The teachers illustrate the concepts through examples and applications.	44	90.9	9.1	0	0	0	Good Response received
35	The teachers identify your strengths and encourage you with providing right level of challenges.	44	86.4	11.4	2.3	0	0	Good Response received
36	Teachers are able to identify your weaknesses and help you to overcome them.	44	75	25	0	0	0	Good Response received
37	The institution makes effort to engage students in the Monitoring, review and continuous quality improvement of the teaching learning process.	44	56.8	43.4	0	0	0	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.	44	68.2	29.5	2.3	0	0	Good Response received
39	Teachers encourage you to participate in extracurricular activities.	44	56.8	38.6	2.3	2.3	0	Good Response received
40	Record your suggestions for enhancing the quality of Teaching Learning process at ESEC.	44						Good Response received


Teaching Coordinator


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