# 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 Robotics and Automation Engineering

## Students Satisfaction Survey – Analysis Report
## 2022 – 2023

| 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. | 45 | 24.4 | 44.4 | 22.2 | 8.9 | 0 | Good response received |
| 2. | Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/ field visits/ student internships. | 45 | 17.8 | 55.6 | 26.7 | 0 | 0 | Good response received |
| 3. | The curriculum facilitates interdisciplinary learning through foundation electives and general electives. | 45 | 33.3 | 57.8 | 8.9 | 0 | 0 | Good response received |
| 4. | The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development. | 45 | 35.6 | 48.9 | 13.3 | 2.2 | 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. | 45 | 28.9 | 51.1 | 20 | 0 | 0 | Introduced Industry based electives to improve students 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 | 45 | 26.7 | 53.3 | 17.8 | 2.2 | 0 | Good response received |

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| 7. | Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social awareness | 45 | 31.1 | 48.9 | 17.8 | 2.2 | 0 | Good response received |
| 8. | The subject handling faculties adopt active and collaborative learning strategies like Think Pair Share, Flipped Classroom, Problem Based Learning etc., | 45 | 37.8 | 44.4 | 17.8 | 0 | 0 | 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. | 45 | 22.2 | 57.8 | 15.6 | 4.4 | 0 | Good response received |
| 10. | The subject handling faculties are readily available for clarification of doubts and for personal mentoring. | 45 | 37.8 | 46.7 | 15.6 | 0 | 0 | Good response received |
| 11. | Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works. | 45 | 20 | 64.4 | 15.6 | 0 | 0 | Good response received |
| 12. | The institute provides support for participation in online certification from NPTEL, edX etc., | 45 | 51.1 | 31.1 | 15.6 | 2.2 | 0 | Good response received |
| 13. | The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased. | 45 | 42.2 | 42.2 | 15.6 | 0 | 0 | Good response received |
| 14. | The tasks given in assignments have helped in enhancing your problem solving and communication skills. | 45 | 24.4 | 57.8 | 17.8 | 0 | 0 | Good response received |
| 15. | The assessments are designed and evaluated appropriately to assess higher order thinking skills. | 45 | 35.6 | 51.1 | 11.1 | 2.2 | 0 | More Innovative teaching methodologies has been taken to develop higher order thinking skills |

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| 16. | The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning. | 45 | 33.3 | 48.9 | 15.6 | 2.2 | 0 | Good response received |
| 17. | Communication, Critical thinking, Collaboration, Creativity are given importance in assessments. | 45 | 37.8 | 46.7 | 13.3 | 2.2 | 0 | Good response received |
| 18. | The institute takes active interest in promoting internships / field visits opportunities for students. | 45 | 53.3 | 22.2 | 22.2 | 2.2 | 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. | 45 | 55.6 | 26.7 | 13.3 | 4.4 | 0 | Soft skill course was included in curriculum to make them ready for the world of work |
| 20. | The institute provides opportunities for co curricular / extracurricular activities. | 45 | 40 | 37.8 | 22.2 | 0 | 0 | Students were encouraged to participate in technical events conducted by reputed institutions |
| 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. | 45 | 35.6 | 48.9 | 13.3 | 2.2 | 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. | 45 | 33.3 | 55.6 | 8.9 | 2.2 | 0 | Department Vision, Mission, PO's, PSO's were discussed in class committee meeting to know about 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. | 45 | 33.3 | 44.4 | 22.2 | 0 | 0 | Special attention was given to slow learners to improve their academic performance |

| No. | Statement | | | | | | | Remarks |
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| 24. | Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity. | 45 | 35.6 | 40 | 24.4 | 0 | 0 | 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 | 45 | 37.8 | 44.4 | 17.8 | 0 | 0 | Increased Access time for students to utilize the facilities effectively |
| 26. | The support systems like Hostel, Canteen, Bank, Stores and Clinic are functioning well and they cater to the need of the hour. | 45 | 33.3 | 51.1 | 15.6 | 0 | 0 | Fixed street lights in lawn and garden areas and Bought some items for indoor games Made doctor to avail as per need of student at emergency situations |
| 27. | To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period | 45 | 35.6 | 51.1 | 13.3 | 0 | 0 | Good response received |
| 28. | How much of the syllabus was covered in the class? | 45 | 60 | 33.3 | 4.4 | 2.2 | 0 | Good response received |
| 29. | How well did the teachers prepare for the classes? | 45 | 35.6 | 62.2 | 2.2 | 0 | 0 | Good response received |
| 30. | How well were the teachers able to communicate? | 45 | 60 | 31.1 | 8.9 | 0 | 0 | Good response received |
| 31. | The teacher's approach to teaching can best be described as | 45 | 33.3 | 51.1 | 13.3 | 2.2 | 0 | More materials was given to slow learners to improve overall result. |
| 32. | Teachers inform you about your expected competencies, course outcomes and programme outcomes. | 45 | 42.2 | 48.9 | 8.9 | 0 | 0 | Good response received |
| 33. | Your mentor does a necessary follow-up with an assigned task to you. | 45 | 40 | 51.1 | 8.9 | 0 | 0 | Good response received |

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| 34. | The teachers illustrate the concepts through examples and applications. | 45 | 46.7 | 46.7 | 6.7 | 0 | 0 | Good response received |
| 35. | The teachers identify your strengths and encourage you with providing right level of challenges. | 45 | 44.4 | 40 | 13.3 | 2.2 | 0 | Good response received |
| 36. | Teachers are able to identify your weaknesses and help you to overcome them. | 45 | 38.6 | 44.5 | 13.6 | 2.3 | 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. | 45 | 35.6 | 53.3 | 8.9 | 2.2 | 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. | 45 | 43.2 | 40.9 | 11.4 | 4.5 | 0 | Good response received |
| 39. | Teachers encourage you to participate in extracurricular activities. | 45 | 33.3 | 51.1 | 15.6 | 0 | 0 | Good response received |

Teaching Coordinator

for Head of the Department

Principal