

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.

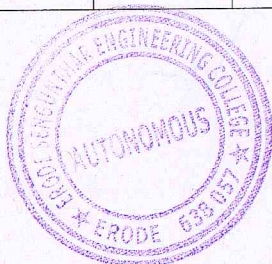


Department of Science and Humanities

Students Satisfaction Survey – Analysis Report AY 2024 – 25

Branch: B TECH CHEMICAL

| 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. | 42 | 7.1 | 85.7 | 2.4 | 4.8 | 0 | Compare the curriculum with leading institutions, best practices, and industry requirements to ensure it remains competitive and relevant |
| 2 | Exposure to industrial practices is provided through industry supported courses/ seminars/ guest lecturers/ | 42 | 21.4 | 76.2 | 0 | 0 | 2.4 | By integrating these actions into the curriculum, educational institutions can provide students with a comprehensive exposure to industry practices, increasing their employability and readiness for the workforce |
| 3 | The curriculum facilitates interdisciplinary learning through foundation electives and general electives. | 42 | 0 | 66.7 | 26.2 | 7.1 | 0 | This type of education not only enriches students' academic experiences but also enhances their |



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| | | | | | | | | ability to work collaboratively in diverse teams |
| 4 | The curriculum has adequate number of practical courses / theory cum practical courses/ Project works for skill development. | 42 | 14.3 | 73.8 | 4.8 | 7.1 | 0 | Establish collaborations with industries to sponsor and guide student projects |
| 5 | The implementation of the Choice Based Credit System (CBCS) has enabled you to enroll in the courses and slots you opted for. | 42 | 21.4 | 73.8 | 0 | 4.8 | 0 | Ensure that the CBCS system is accessible to all students, including those with special needs, by providing resources such as course materials in multiple formats |
| 6 | Skill based courses like Engineering Exploration, Lateral Thinking, Design Thinking, Project Management, System Thinking are facilitating participation in international contests / competitions | 42 | 21.4 | 71.4 | 2.4 | 2.4 | 2.4 | Incorporate emerging technologies into skill-based courses to help students stay at the forefront of innovation |
| 7 | Employability Enhancement Courses like Environmental Sciences, Constitution of India, Professional Ethics etc., created social Awareness | 42 | 14.3 | 78.6 | 4.8 | 2.4 | 0 | Host or participate in competitions that challenge students to come up with innovative solutions social and environmental problems |
| CONTENT DELIVERY | | | | | | | | |
| 8 | The subject handling faculties adopt active and collaborative learning strategies like Think Pair Share, Flipped Classroom, Problem Based Learning etc., | 42 | 28.6 | 59.5 | 7.1 | 4.8 | 0 | Integrate Problem-Based Learning into the curriculum, where students work in teams to solve real-world |



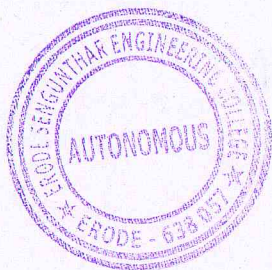
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| | | | | | | | | problems |
| 9 | The subject handling faculties use a variety of ICT Tools and Learning Management Systems like power point presentations, Google Classroom are effectively used for sharing of resource materials, conducting assignments, discussions and quizzes. | 42 | 16.7 | 73.8 | 7.1 | 2.4 | 0 | Faculty can use live chats or collaborative documents (e.g., Google Docs) to provide real-time feedback during lectures or discussions. |
| 10 | The subject handling faculties are readily available for Clarification of doubts and for personal mentoring. | 42 | 31 | 64.3 | 4.8 | 0 | 0 | Good responses received |
| 11 | Laboratories are well equipped with appropriate hardware and software for the conduct of practical classes/project works. | 42 | 23.8 | 76.2 | 0 | 0 | 0 | Students were asked to use laboratories during evening hours to complete the experiments |
| 12 | The institute provides support for participation in online certification from NPTEL, edX etc., | 42 | 7.1 | 66.7 | 23.8 | 0 | 2.4 | Students can be asked to share their certificates or transcripts from NPTEL, edX , or other platforms, which will be tracked as part of their academic progress. |
| ASSESSMENT | | | | | | | | |
| 13 | The assessment process (CAT / Assignments / Terminal Examinations / Review) is fair and unbiased. | 42 | 16.7 | 76.2 | 0 | 4.8 | 2.4 | Institutions should ensure that grading policies and the process for reviewing and challenging grades are clearly |



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| | | | | | | | | communicated to students at the beginning of the semester. |
| 14 | The tasks given in assignments have helped in enhancing your problem solving and communication skills. | 42 | 21.4 | 69 | 0 | 7.1 | 2.4 | Encourage students to develop their time management skills by setting specific milestones or deadlines for completing portions of assignments |
| 15 | The assessments are designed and evaluated appropriately to assess higher order thinking skills | 42 | 11.9 | 76.2 | 11.9 | 0 | 0 | Good responses received |
| 16 | The assessments provided the right level of challenge and an opportunity for collaborative/co-operative learning. | 42 | 19 | 69 | 11.9 | 0 | 0 | Good responses received |
| 17 | Communication, Critical thinking, Collaboration, Creativity are given importance in assessments. | 42 | 9.5 | 76.6 | 2.4 | 9.5 | 0 | Good responses received |
| SUPPORT SYSTEM/INFRASTRUCTURE | | | | | | | | |
| 18 | The institute takes active interest in promoting internships / field visits opportunities for students. | 42 | 16.7 | 71.4 | 9.5 | 2.4 | 0 | Engaging industry representatives in the development of the curriculum ensures that the content is up-to-date with industry needs. |



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| 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. | 42 | 14.3 | 73.8 | 9.5 | 2.4 | 0 | Encouraging students to apply soft skills such as time management, team collaboration, and problem-solving while also developing their research and presentation skills. |
| 20 | The institute provides opportunities for co-curricular / extra-curricular activities. | 42 | 14.3 | 69 | 2.4 | 0 | 14.3 | Institutions offer counseling services and peer mentoring programs that help students manage academic pressure and personal challenges. |
| 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. | 42 | 11.9 | 73.8 | 7.1 | 0 | 7.1 | The software provides real-time updates on the availability of courses, including the number of seats left and any changes in course offerings. |
| 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. | 42 | 11.9 | 81 | 0 | 2.4 | 4.8 | Faculty members are regularly trained on the principles and practices of Outcome-Based Education (OBE) and how to design and assess outcomes effectively. |



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| 23 | A mentoring/tutor system is available to identify your strengths and weaknesses and encourage you with providing the right level of challenges. | 42 | 16.7 | 69 | 14.3 | 0 | 0 | Good responses received |
| 24 | Classrooms are well equipped with good Audio System/Multimedia Projectors/Wi-Fi connectivity. | 42 | 26.2 | 57.1 | 11.9 | 2.4 | 2.4 | Internet speed The audio, visual, and networking systems in classrooms are subject to regular maintenance schedules. This may involve checking system performance, updating software, and replacing outdated hardware to keep everything functioning smoothly. |
| 25 | Library is digitized and includes sufficient count of reference and text books and access to international and national journals | 42 | 11.9 | 66.7 | 19 | 2.4 | 0 | students and faculty on how to effectively use digital resources, access e-books, search journals, and utilize citation tools. Awareness campaigns help users understand the full potential of the digital library. |
| 26 | The support systems like Hostel, Canteen, Bank, Stores and | 42 | 16.7 | 69 | 4.8 | 2.4 | 7.1 | To ensure the safety and security of students. |



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| | Clinic are functioning well and they cater to the need of the hour. | | | | | | | hostels are equipped with CCTV surveillance, security personnel, and biometric access control systems. This provides a sense of security to both students and their families. |
| 27 | To what extent, you are satisfied in the Teaching Learning via online mode during this pandemic period | 42 | 16.7 | 73.3 | 9.5 | 0 | 0 | Good responses received |

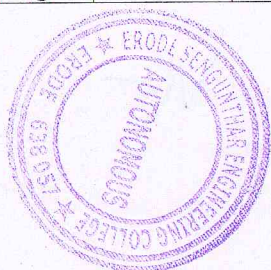
Teaching Learning Process

| 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? | 42 | 16.7 | 61.9 | 21.4 | 0 | 0 | Good responses 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? | 42 | 23.8 | 73.8 | 2.4 | 0 | 0 | Good responses 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? | 42 | 69 | 31 | 0 | 0 | 0 | Good responses 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 | 42 | 21.4 | 0 | 76.2 | 2.4 | 0 | Institutions offer workshops and training sessions on the latest teaching techniques, pedagogical innovations , and subject-specific updates. This ensures that teachers remain |



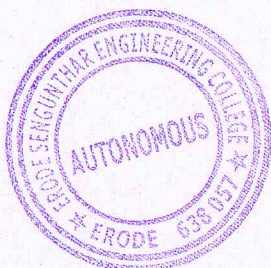
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| S. No. | Parameters | Total Responses | Every Time | Usually | Occasionally | Rarely | Never | Action taken |
|--------|--|-----------------|------------|---------|--------------|--------|-------|---|
| 32 | Teachers inform you about your expected competencies, course outcomes and programme outcomes. | 42 | 52.4 | 40.5 | 4.8 | 0 | 2.4 | Some instructors conduct mid-semester reviews or progress meetings where students can discuss their understanding of the course outcomes, ask questions, and receive feedback on their prog. |
| 33 | Your mentor does a necessary follow-up with an assigned task to you. | 42 | 57.1 | 38.1 | 2.4 | 0 | 2.4 | Mentors encourage the use of collaboration tools like Google Drive, Microsoft Teams, or Slack for task management, sharing resources, and communicating with students. |
| 34 | The teachers illustrate the concepts through examples and Applications. | 42 | 52.4 | 40.5 | 4.8 | 0 | 2.4 | Students are encouraged to work in groups to solve complex problems that simulate real-world challenges. |
| 35 | The teachers identify your strengths and encourage you with providing right level of challenges. | 42 | 38.1 | 57.1 | 2.4 | 2.4 | 0 | Teachers provide scaffolded learning experiences, where tasks start |

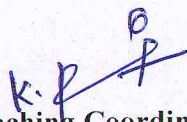


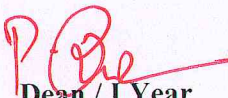
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| | | | | | | | | simple and gradually increase in complexity |
| 36 | Teachers are able to identify your weaknesses and help you to overcome them. | 42 | 38.1 | 45.2 | 7.1 | 0 | 9.5 | Teachers ask students to engage in self-reflection by keeping journals or completing self-assessment surveys. |
| 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. | 42 | 21.4 | 54.8 | 21.4 | 2.4 | 0 | Periodic feedback sessions are scheduled between students and faculty, where students can directly discuss their concerns about the teaching methods, course delivery, and assessments. These sessions can take place informally or in structured formats. |
| 38 | The institute/ teachers use student centric methods, such as Experiential learning, participative learning and problem solving methodologies for enhancing learning experiences. | 42 | 2.4 | 45.2 | 0 | 52.4 | 0 | Problem-solving workshops or hackathons are organized in which students collaboratively work through challenges or puzzles within a set timeframe |




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|----|---|----|--|------|-----|-----|-----|--|
| 39 | Teachers encourage you to participate in extracurricular activities. | 42 | 19 | 66.7 | 2.4 | 4.8 | 7.1 | To improve and encourage students' participation in extracurricular activities, teachers and institutions can implement several actions that create an engaging environment, offer motivation, and provide necessary support for students. |
| 40 | Record your suggestions for enhancing the quality of Teaching Learning process at ESEC. | 42 | The quality of the Teaching-Learning process at ESEC can be greatly enhanced by focusing on active, student-centered learning, integrating technology, providing regular feedback, continuously improving faculty training, and fostering industry linkages. | | | | | Good responses received |


Teaching Coordinator


Dean / I Year


Principal




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