YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Erode Sengunthar Engineering College
• Name of the Head of the institution	Dr. V. Venkatachalam
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04294 – 232701
• Alternate phone No.	04294 – 232702
• Mobile No. (Principal)	94421 32706
• Registered e-mail ID (Principal)	esecprincipal@gmail.com
• Address	Erode Sengunthar Engineering College, Thudupathi, Perundurai – 638057
• City/Town	Erode
• State/UT	Tamil Nadu
• Pin Code	638057
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	02/07/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. M. Shyamalagowri**
• Phone No.	**04294 232701**
• Mobile No:	**98426 60908**
• IQAC e-mail ID	**iqac@esec.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.erode-sengunthar.ac.in/wp-content/uploads/2022/02/AQAR-2019-20-UPLOADED-DATA.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.erode-sengunthar.ac.in/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.01**	**2015**	**15/05/2015**	**15/05/2020**
Cycle 2	**A**	**3.01**	**2019**	**16/05/2020**	**31/12/2024**

6.Date of Establishment of IQAC	**17/06/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Erode Sengunthar Engineering College/ECE/ Dr.R.Kalaivani	**MODROBS - Modernization of Communication Lab**	**AICTE**	**20/07/2020**	**1313725**
Erode Sengunthar Engineering College/ Mech /Dr.M.Pandian	**STTP - A Short Term Training Program on '3D Printing Technology - A means for Modern Manufacturing**	**AICTE**	**10/08/2020**	**295667**
Erode Sengunthar Engineering College/ CSE /Dr.G.Saravanan	**ATAL FDP on Data Sciences**	**AICTE**	**04/09/2020**	**93000**
Erode Sengunthar Engineering College/ EEE /Dr.M.Shyamalagowri	**STTP - Short Term Training Programme on "Hybrid and Electric Vehicle: Development, Integration and Challenges**	**AICTE**	**10/08/2020**	**333333**
Erode Sengunthar Engineering College/Mechanical/Dr.M. Pandian	**Entrepreneurship Awareness Camp (IInd Installment)**	**DST-NIMAT**	**14/08/2019**	**12000**

Erode Sengunthar Engineering College/ECE/ Dr. R. Kalaivani	STTP - Short Term Training Programme on Massive MIMO and Millimeter Wave MIMO Technology for 5G Networks	AICTE	10/01/2020	331000
Erode Sengunthar Engineering College/ECE/ Dr. R. Kalaivani	Mobile Phone Hardware Repair Technician	AICTE - PMKVY	06/11/2020	169830
Erode Sengunthar Engineering College/ECE/ Ms.R.Poornima	CCTV Installation Technician	AICTE - PMKVY	06/11/2020	166770
Erode Sengunthar Engineering College/EIE/ Dr.D.Sivanandakumar	Field Technician- AC Mechanic	AICTE - PMKVY	06/11/2020	192100
Erode Sengunthar Engineering College/Civil/Mr.S.Boobathiraja	Construction Mason Concrete	AICTE - PMKVY	06/11/2020	202300
Erode Sengunthar Engineering College/Civil/Mr.P.Balamurugan	Mining Assistant Mine Surveyor Draughtsman	AICTE - PMKVY	06/11/2020	104550
Erode	Iron and	AICTE -	06/11/2020	125460

Sengunthar Engineering College/Chemical/Dr.P.Akilamudhan	Steel Iron And Steel – Utility Hand Plant Operations	PMKVY		
Erode Sengunthar Engineering College/Chemical/Ms.T.Usharani	Textile Dyestuff & Chemical Preparation Operator	AICTE – PMKVY	06/11/2020	154275
Erode Sengunthar Engineering College/Mechanical/ Mr.G.Dhayanithi	Plumbing Plumber Pipeline	AICTE – PMKVY	06/11/2020	185938
Erode Sengunthar Engineering College/EEE/ Mr.G.Gunasekaran	Electronics Technician	AICTE – PMKVY	06/11/2020	163710
Erode Sengunthar Engineering College/EEE/ Dr.R.Muthukumar	Electronics Field Technician - Water Purifier Other Home Appliance	AICTE – PMKVY	06/11/2020	185130
Erode Sengunthar Engineering College/CSE/ Dr.M.Vimaladevi	IT/ITeS Domestic Data entry Operator	AICTE – PMKVY	06/11/2020	110250
Erode Sengunthar Engineering College/CSE/ Dr.G.Sivakumar	IT/ITeS Junior Software Developer	AICTE – PMKVY	06/11/2020	157290

Erode Sengunthar Engineering College/MCA/ Mr.P.Natarajan	Apparel Sewing Machine Operator	AICTE - PMKVY	06/11/2020	141653
Erode Sengunthar Engineering College/MCA/ Mr.P.Rajesh	Healthcare Emergency Medical Technician-Basic	AICTE - PMKVY	06/11/2020	209100
Erode Sengunthar Engineering College/MCA/ Mr.C.Senthil kumar	IT/ITeS Domestic IT Helpdesk Attendant	AICTE - PMKVY	06/11/2020	177870

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	4	
- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
- If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any funding agency to support its activities during the year?	Yes	
- If yes, mention the amount	Rs.48,24,950	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Due to COVID 19 pandemic situation, classes were conducted through online by Google meet and Microsoft teams. And video lectures were

taken by the students for their easy studying. Improved teaching learning process by giving Innovative assignments and project based learning & ensured by regular academic audits

Secured Excellent Band in ATAL ranking of Institutions on Innovation Achievements by Ministry of Education, India. Participation in National Institute Ranking Frame Work.

90 Value Added Courses has been conducted for the students for the academic year 2020-21 for enrich their technical skills and to enhance the method of participative learning..

Faculty members has published 38 papers in Scopus/Web of Science/UGC Care Journals, 51 book / book chapters / Conference proceeding with ISBN number and filed 24 Patents in the academic year 2020-21.

Facilitation of COVID isolation center in the college during Covid 19 pandemic and conducted Covid 19 safety awareness programs and Vaccination Camps.

13 Short term training programs, 11 Faculty Development programs and 3 conferences were organized in our Institution for enriching the knowledge of faculty members in various developing fields. no. of non teaching / administrative training programs were organized for developing the skills of non teaching staff members

Mentoring system was practiced in the Institution in mentee's personal and academic improvement to improves the mentee's confidence in their ability to work well towards the achievement of students growth as well the program, program specific outcomes.

Scheduled remedial coaching classes were conducted in each and every department for academic improvement of slow learners

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Ranking and Recognition from Reputed Agencies	ARIIA-ATAL ranking of Institutions on Innovation Achievements has placed college in Excellence Band • College has Ranked 18th in Private Sector T-School Employability Ranking 2021-All India Level Magazine-DATA QUEST 2021 • College has acquired AA+ grade in All India ranking as per Careers 360 ranking 2020 • College was ranked 11th position in all India ranking by CSR-GHRDC ranking 2021.• Participation in NIRF ranking
Course file audit	Fine tuning of curriculum design ,content delivery and assessment including introduction of innovative teaching methods in academic and administrative audits
Effective implementation of outcome based education inputs of NBA	Redefining of vision, mission statements of departments including program educational objectives and programme specific outcomes
Promoting engineering education and research	Increase in number of faculty members enrolling for NPTEL courses , various FDP's and quality publications.
Enhancement of Research / Consultancy activities	Rs.48,24,950 fund received in the academic year 2020 - 21 in various schemes like AICTE Modrobs,STTP, FDP and PMKVY
Plan for more faculty Publications / Patents in emerging and thrust areas	Faculty members has published 38 papers in Scopus/Web of Science/UGC Care Journals, 51 book / book chapters / Conference proceeding with ISBN number and filed 24 Patents in the academic year.

Enhancement of Alumni contribution	Eminent alumni supported for Placement activities and they were encouraging students by giving special lectures and training for enriching their knowledge. Alumni fund contribution of Rs. 8,61,105/- has been received.
Improvement in Quality of Placements	104 Companies were invited for core/IT Placements.620 offers were given to the students with the average salary package of 4.5 Lakhs per annum
Improvement in Students cocurricular and extra curricular activities	more than 80% of total students are encouraged and counselled to participate in co curricular and extra curcciularactvities
Collaboration with institution and industries to be strengthened.	Total No. of MoUs signed with industries upto 2020-21 = 21. More industries have been identified to improve collaboration activities.
Apply for funds to organize events	Total No. of 79 proposals sent for the worth of Rs. 3,60,16,478 for various agencies like AICTE, TNSCST, CSIR, DRDO, SERB and FAER
Industry Oriented curriculum and syllabus with more flexibility	Introduced Soft skills - I and II in the first year curriculum of all the courses

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Council Meetings, IQAC	13/02/2021

14.Was the institutional data submitted to	Yes

AISHE ?	
• Year	

Year	Date of Submission
2021	31/03/2021

15.Multidisciplinary / interdisciplinary

Multidisciplinary education is an academic and pedagogical approach to develop multiple capacities in the intellectual, aesthetic, social, physical, emotional, and moral domains, among the students inside and outside the classroom, by integrating formal and informal learning opportunities and teaching, research and community engagements and promoting cross-disciplinary and interdisciplinary perspectives and academic practice. NEP 2020 suggests that the colleges will be "gradually phasing out the system of 'affiliated colleges' over a period of fifteen years" i.e. by 2035. The phasing out of the system of 'affiliated colleges' shall be supported by the mentoring of the affiliated colleges by the respective affiliating university. We have mooted this to implement in our institution and various steps have been taken including attending seminars and conferences related to NEP 2020, identifying bench marks from various institutions for multidisciplinary courses and closely following the norms and regulations of the affiliating university.

16.Academic bank of credits (ABC):

As per the UGC Notification on University Grants Commission Notification(28th July, 2021) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the Student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution. Academic Bank of Credits shall be established, on the lines of the National Academic Depository shall have a dynamic website providing all details of Academic Bank of Credits and its operational mechanism for the use of all stakeholder of higher education. Academic Bank of Credits is essentially a credit-based, and highly flexible, student- centric facility. Our institution has been in the process of getting approval to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and university authorities. Courses undergone by the students through

the online modes through National Schemes like SWAYAM, NPTEL etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.

17.Skill development:

Integrating vocational education with general education is the most promising way to provide for holistic development of the students, equipping them with knowledge, skills and competencies which would prepare them for life and work. We have identified to collaborate with industries for internship to expose the students to the work environment and get the experience of hands-on practice. We are in the process of developing some bridge courses of varying duration depending on the pre-requirements of the course a student intends to move to horizontally.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the Multilanguage- multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestoral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on 'Indian Constitution and Traditional Knowledge' for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of Fine Arts Club, competitions are being regularly conducted in the regional language viz Tamil on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India. The Parent University has also introduced One UG courses (B.E.- Mechanical) Engineering in Tamil Medium.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Realizing the importance of Accreditation vis-à-vis Washington Accord, the college introduced the OBE concepts in its curriculum, Syllabi and evaluation. Eight UG programmes (namely B.E-Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Mechanical Engineering

and B.Tech. Chemical Engineering, Master of Business Administration) got accredited by NBA. In this process, the OBE has been implemented in all stages of Teaching-Learning Process. In line with the Graduate Attributes, PEOs and Pos referred in the NBA documents; markers have been developed and disseminated to the stakeholders. The PEOs have been established considering the factors such as Preparation, Core Competence, Breadth Professionalism and Life Long Learning. These are aligned with institute Vision and Mission and Departments' Vision and Mission. Pos and PSOs have been mapped with PEOs. Course outcomes have been defined for all the courses and the correlation strength with various POs have also been specified. In the evaluation process (Continuous Assessment and Semester Examination), the performance of the students in each course are linked to the POs and there after the PEOs and attainment is evaluated. The loop is closed on Stake holders feedback mechanism to continuously monitor and achieve the Outcome Based Education. Various committees in the College and Department level, keep assessing the attainment every semester. Documentary evidences are maintained so as to have a peer level evaluation.

20.Distance education/online education:

There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching and Learning to partly classroom partly online Teaching- Learning. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. We encourage our students and faculty to register and write examinations under SWAYAM-NPTEL for several years. Under our autonomous system, necessary approvals have been obtained to include the Credit Transfer Scheme to our students. Thus, the credits earned from SWAYAM-NPTEL are considered as replacements of elective courses. The list of such courses, are approved by the chair person before the beginning of the semester so that students register for those courses which are relevant for that particular curriculum and not repetitive/duplicative in nature. Students can take up internship in suitable industries. This doubly benefits the students to acquire skills required by the industry and also a favorable career opportunity.

Extended Profile

1.Programme

1.1   **21**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.Student

2.1   **2321**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File]()

2.2   **744**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.3   **2273**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.Academic

3.1   **601**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.2   **266**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**21**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**2321**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**744**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**2273**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**601**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**266**

Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**266**
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**1008**
4.2 Total number of Classrooms and Seminar halls	**93**
4.3 Total number of computers on campus for academic purposes	**832**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**421.97**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Erode Sengunthar Engineering College is particular in imparting Outcome based education. Relevancy of Local, national, regional and global development needs are reflected in Program Outcome, Program Specific Outcome and Course Outcome.

A systematic procedure for development, revision and implementation of curriculum of all the departments is in existance. The Primary objective of the institute is to create Techno-Managerial power for the local, national, regional and

global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in regional and global level with all necessary fundamentals.

The Curriculum is designed in such a way that the students acquire necessary domain knowledge, skills, attitude and behaviour. The factors considered for design of curriculum are: (i) Syllabiof various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE (iii) The Program Specific Outcomes offered by similar programs of other colleges (iv) Suggestions by industry experts and alumni (v) Syllabi of various competitive exams (vi)Inputs from Industry experts and needs of the industry.

- An effective implementation of this Outcome Based Education (OBE) ensures that our graduating engineers acquire all the 12 POs defined by NBA, and can compete on a global platform.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://erode-sengunthar.ac.in/curriculum-development/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

381

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

341

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

21

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Some of the steps taken to integrate the cross-cutting issues are

as mentioned below:

1. Gender(Girls)

The Institution hasunderstood the importance of gender equality and many programs are conducted in order to help the girl students and women staff members. The N.S.S. unit of our college has been very proactive in conducting different extension activities in college premises and adopted villages

2. Environment and Sustainability

The college is committed to contribute for providing good environmental surroundings and sustainable growth. It has been practiced in the college that whenever a student joins the college he/she is motivated to plant a sapling in the college campus with periodic maintenance to achieve GREEN CAMPUS. Over the period the college campus become much greenish with pleasant surroundings with pure air.

Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability. Different activities have been initiated by the college to save environment. Students are encouraged to do projects related to Environment Sustainability.

3. Human Values and Professional Ethics

Professional Ethics subject is included in curriculum. Internship, Industrial Visits, Industrial trainig / Projects are arranged to the students to enhance their professional ethics.

Keeping the importance of imbibing human values and ethical values in the minds of students various webinar, quiz and essay competition are conducted through various student chapters/professional bodies within the college campus.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

90

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1170

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1135

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is   **A. All 4 of the above**

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.erode-sengunthar.ac.in/curriculum-feedback-action-taken/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following   **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.erode-sengunthar.ac.in/curriculum-feedback-action-taken/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

786

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

735

File Description	Documents
Any additional information	[View File]()
Number of seats filled against seats reserved (Data Template)	[View File]()

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

- **Bridge Courses / Orientation programs/ Induction programs are conducted to lift the level of students.**
- **The Institution assesses the learning levels of the students based on academic performance.**
- **Academic and personal counseling are given to the students by the tutor and the mentors of the respective classes.**
- **Remedial classes are conducted with an aim to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities.**
- **Explanation and discussions are imparted to the slow learners by providing simple and standard lecture notes/course materials**
- **The advanced learners are guided to participate in hackathons / project competition, enroll in MOOC Courses – Swayam, NPTEL, edX-online learning and competitive exams.**
- **Group study system, assignment and seminars on contemporary topics enable students to grab better placement offers.**
- **Participation in in-house competitions like debate, group discussion, problem solving, decision making exercises and quiz programs are encouraged.**
- **The academic achievements are recognized by cash awards and merit certificates during Annual Day celebration and various cultural activities.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/aqar2021/c2/c2.2/c2.2.1/Catering_to_Student_Diversity/4_Policy_Document/Policy_Document_for_advanced_and_slow_learners_Mentoring_Systems.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/03/2021	2321	266

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Erode Sengunthar Engineering College (ESEC) considers student centric methods to enhance Learning experiences. Outcome Based Education (OBE) is a transformational method that focuses on evaluating outcomes of the programs by stating the knowledge, skill and behavior of the graduates. It emphasizes the design of curriculum, outcome based teaching-Learning, assessment and evaluation. ESEC effectively implemented the outcome based Education through activity based learning that includes experimental learning, participatory learning and problem solving methodologies.

For enhancing lifelong learning skills of students, are instructed to take up review projects, mini-projects, case studies, working models, etc. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. Experiential Learning
2. Participatory Learning
3. Problem-solving methods

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://erode-sengunthar.ac.in/annual-report/

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ESEC uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

- **Classrooms are furnished with LCD Projectors to facilitate technical presentation and to show educational videos/documents.**
- **Laboratories, seminar halls, auditoriums, conference rooms are equipped with ICT tools and 24*7 Wi-Fi enabled.**
- **Computer laboratories with high speed internet connection are available for research presentation, seminars, group discussion, assignments, viva, laboratory work, etc.**
- **Digital Language software is employed for listening and communication skill practice.**
- **Google class rooms are used to post the course contents, conduct quizzes, maintain lab records and assignments, etc.**
- **To enhance the learning ability of the students, learning management system (Local LMS) is employed.**
- **Virtual Laboratories are used to conduct lab sessions using simulation and programming modules.**
- **ONLINE e-resources like NPTEL, you tube lectures are exploited for effective Teaching –Learning process.**
- **Advanced digital Library is in place and is active.**

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.erode-sengunthar.ac.in/ict-tools/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

224

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar:

- **The Controller of Examination prepare the academic schedule which includes date of commencement and closure of classes, schedules of internal tests and tentative dates of theory and practical end semester examinations based on Affiliating University schedule.**
- **The Institution prepares the academic calendar every semester in advance which covers total working days, list of examination dates, academic audits, feedback collection and Institutional level events. Based on the academic calendar, every department plans its activities like seminars, conferences, guest lectures, workshops and industrial visits, etc throughout the semester.**
- **The CoE office is responsible for preparing question papers, conduct of examinations, evaluation of answer scripts, declaration of results and issuing of grade sheets.**
- **The Internal Examination Cell ensures smooth conduction of continuous assessment tests.**

Preparation and Adherence of Teaching Plan:

- **The faculty members prepare Teaching / Lesson plan based on academic calendar for their respective subjects with class room teaching, case studies, role play and lab session.**
- **The Director Academics, HoDs and IQAC ensure timely and effective completion of course with perfect blend of practical and theoretical inputs.**
- **The Principal reviews the implementation and progress of**

various activities.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

266

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

65

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1175

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

18

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The office of Controller of Examination introduces several reforms in the examination system through integration of IT in all the procedures and processes of the examination system by E-Nova software.

Examination Procedures and IT Integration

- **Semester patterns of examination with continuous evaluation**

system have been adopted.

- E-governance has been successfully implemented with student's information such as fees details, attendance, internal assessment and end semester examination marks.
- Panel of examiners is compiled prior to the examination on collecting the information from various Institutions considering eligibility norms of the University.
- Examiners are provided with login ID and password for the digital evaluation.
- The answers scripts are coded to prevent disclosure of identity of students.
- Scheme of evaluation along with solutions are made available to the examiners prior to the commencement of evaluation.

The process that has helped the examination section to improve the functionality of the system and is listed below;

- Internal marks are generated by E-Nova software for theory, laboratory and project as per regulation.
- Hall tickets generation, evaluation and declaration of results are done through online.
- Photo copies of answer scripts are provided to the students on submission of application.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	https://www.erode-sengunthar.ac.in/aqar2021/c2/c2.5/c2.5.3/ESEC_EXAMINATION_MANUAL.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

- Our Institution follows Outcome Based Education in align with National Board of Accreditation with defined 12 Program Outcomes, 2 to 3 Program Specific Outcome are framed for each program.
- The curriculum composition is carefully designed to attain the POs/PSOs.

- The Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are widely propagated through website, curriculum / regulations books, class rooms, laboratory, department, library display boards and meetings with stake holders.
- HoDs and faculty members brief the POs, PSOs and COs in class committee meeting and faculty meeting to create awareness and emphasize the need to attain the outcomes.
- POs are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation.
- PSOs are framed based on the specific skill requirements of the students at micro level and by the end of the program and got approved in DAAC meeting.
- COs are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The COs are prepared by the course coordinator and verified in Department Academic Advisory Committee meeting. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	https://www.erode-sengunthar.ac.in/aicte/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

- Each course has a defined set of course outcomes and corresponding evaluation criteria.
- CO-PO & PSO mapping for all the courses in the program provide the quantitative measurement is prepared by the course coordinator and refined on brainstorming with the faculty members.
- The performance of the students in the examinations during

the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs.

- Rubrics are formulated for the assessment of Laboratory, Mini Project, Major Project, Seminar and Internship courses.
- The Program Outcomes (POs) are assessed based on their performance indicator through
  - Direct Assessment tools are Continuous Assessment Test (theory, practical) and End Semester Examination
  - In Indirect Assessment tools, the POs are assessed indirectly through Co-curricular/ Extracurricular activities and various survey forms like Course End survey, Employer Survey ,Alumni survey, feedback offered by Industrial experts, etc..

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://erode-sengunthar.ac.in/aqar2021/c1/c1.1/c1.1.1/1_Outcome_Based_Education(OBE)/ESEC-OBE-Manual.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

659

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.erode-sengunthar.ac.in/annual-report/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://www.erode-sengunthar.ac.in/students-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

```
Promotion of Research

The research and development activities at ESEC are accomplished
by enthusiastic, zealous, energetic and experienced faculty
members. All the faculty members are motivated to engage in some
or other form of research and development activities along with
academic activities. The main objectives of R&D are to acquire
emerging scientific knowledge, to design new methodologies in the
field of Science, Engineering Technology and Management and to
develop tools and techniques for offering solutions to the rural
and socially relevant issues and challenges.

In line with the above objectives, faculty members are encouraged
to apply for research grants, grants for conducting seminars and
workshops.



The Institute is providing seed money to the potential faculty
members to carry out internal Projects and encourages them to get
involved in research related activities.

The faculty has freedom to choose the research area of their
choice and guidance is given to seek funding from various funding
agencies and industries. The Institute encourages the faculty by
providing incentives for attending conferences, seminars, Faculty
Development Programs, etc.

The Institute encourages faculty members to collaborate with other
higher Institutions of Learning and research Organizations within
India and abroad to establish networks for pursuing their research
and publishing their papers.
```

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.erode-sengunthar.ac.in/research-policy/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

8

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.78

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://erode-sengunthar.ac.in/aqar2021/c3/c3.2/c3.2.2/1_Names_of_teachers_having_research_projects/grant_details_2020_21.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

15

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/bureaus/rifd/AQIS
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution provides a conducive environment for promotion of Innovation and Incubation. Students are encouraged to actively involve in the application of Technology for societal needs. Financial and necessary support like guidance, documentation, publication of research papers and patents are provided for major, minor research projects.

Awareness meets, workshops, seminars and guest lectures on entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products. Incubation Center facilitates students to convert their Ideas into Technological Innovations.

Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development.

Workshops on emerging trends in Technology are held. Students are awarded cash prizes for best projects. Students are encouraged to gain hands on experience and better Industrial Exposure.

College is recognized as a host centre of MSME for the development of cost effective society related projects. College conducts coding contest and HACKTHONs through Institute Innovation Council(IIC) to promote the innovative skills of the students.

The Local Entrepreneurs are invited to address the students and inspire them. Students are provided with an opportunity to acquire skills for commercialization of their product.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/rd-intro/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

131

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

8

File Description	Documents
URL to the research page on HEI website	https://www.erode-sengunthar.ac.in/rd-intro/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

38

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

51

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/14936-2/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

77

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

9

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

36.99

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	[View File](#)
Any additional information	[View File](#)

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.71

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	[View File](#)
List of facilities and staff available for undertaking consultancy	[View File](#)
Any additional information	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

To imbibe the social responsibility amongst the students, they are encouraged to serve the nearby villages. The Institute has NSS, various clubs and cells which provide extension activities in the neighborhood.

Some of the significant social activities are listed below.

- **The Institute has offered its hostel as Covid Relief / Care center during the pandemic and around 600 people got benefitted.**
- **NSS unit and a team of committed faculty members engage themselves in the community development programs such as rallies on COVID awareness, usage of mask, importance of social distancing, AIDS awareness, female foeticide issues and tree plantation, health camp, blood donation and hemoglobin check-up camps in collaboration with government and non-government agencies.**
- **The Institute had invited physicians to deliver various talks on health, nutrition and gender related issues at adopted village to overcome the social problems like uncleanliness, unhygienic, malnutrition conditions.**
- **Working along with professionals and diversified social groups, students learn to negotiate, communicate, manage conflict, lead others, gain more self-confidence, autonomy and appreciation which lead to holistic development.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/national-service-scheme/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

14

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

33

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1441

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

60

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

18

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute encompasses a well maintained green campus spread over 55.54 acres of land with a build-up area of 4,64,000 Sqm, ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Technology Enabled learning facility

The Institute has Wi-Fi facility with 88 classrooms with adequate seating capacity to accommodate sanctioned intake and 67 classrooms are equipped with LCD Projectors for multimedia learning. Each department has well equipped laboratory facilities, industry supported special laboratory, library, computer center with internet facility and seminar hall for conducting department level association and professional body activities.

An Auditorium with a seating capacity of 2500 is available to conduct programs like annual day, graduation day, hostel day, InterInstitute programs, competitions and cultural events.

Central Library with adequate number of titles, books, volumes, competitive exam books, journals (national and international), back volumes and digital library facility are available.

A total number of 832 computers are available with internet through a leased line with a bandwidth of 300 MBPS.

Study materials, tutorials, quizzes, assignments and videos for each subject are posted in Google classroom which would help the students in their learning process.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c4/c4.1/c4.1.1/1_Classrooms/Infrastructure.pdf

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Cultural facilities

The Institute, with its Core Courses and the continuous evaluation scheme, integrates sports and extra-curricular activities as essential components.

It has an adequate facility for conducting indoor and outdoor games such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho, carom, table tennis, chess, etc., Auditorium and well-equipped seminary halls for organizing annual functions and cultural events.

Sports competitions are organized regularly every year for students. Students are specially trained for participation in Zonal and Inter-Zonal matches, National Youth Festivals/ competitions organized by the Association of Indian Universities, and other cultural /sports events.

A full fledged Gym is available inside the campus with state of

art facilities like upright bike, spin bike, Roman chair, etc. for the benefit of students.

The college is committed to provide a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as interdepartmental, intercollegiate, InterUniversity events,etc. were conducted to develop team spirit and interpersonal skills in students. Every year talented students are awarded with medals, trophies and cash awards. Students are also sponsored to attend international /National/District events related to sports.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c4/c4.1/c4.1.2/Games_and_Sports/Physical_Education_Facilities_4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

93

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

116.72

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Central Library is digitalized with PALPAP Library Automation Software capable of handling Tera Bytes of records.

The college library has an open reference section comprising of good collection of text books and reference books on all branches of study. Books for the various competitive examinations like GATE, GRE, GMAT, SAT, CAT, TOFEL, general knowledge, preparatory guides etc., are available.

The PALPAP software provides facilities for catalogue search, circulation of books and magazines, reservation of books and library statistics etc. And also Reports on the books issued, reservation status and budget expenditure can be generated.

Digital Library

Delnet and NDL membership are available for online journal access. E-Journals and various CDs related to competitive exam preparation are also available.

The Library transactions are carried out by RFID and Bar Code Technology. It has the facility of Web OPAC-online search. So the library catalogue can be accessed through intranet and internet. And the library is being subscribed to the E-resources. Also, the library has CCTV surveillance cameras for the proper vigilance of the library holdings and to avoid misbehaviours (misplacement, tearing, etc.)of the users.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/about-central-library/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

2.64

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

766

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Institute has an IT policy covering Wi-Fi, cyber security which is updated regularly covering Wi-Fi, cyber security, software up gradation and ICT enabled teaching learning. Formal IT policy has been approved by Academic Council and Governing Council.

Institute has framed various policies like Procurement, Installation of Hardware, Network and software. Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically.

Institution provides 3 to 5 % of the annual budget for upgradation of IT facilities which are audited as per the balance sheet and changes in the system as follows:

- During previous accreditation, the campus was enabled with internet bandwidth of 75Mbps. Now the Institute has upgraded the bandwidth to 300 Mbps.
- Number of Wi-Fi routers are also increased and Wi-Fi network facility were deployed across the campus & hostels.
- During previous accreditation, the Institute had Cyberoam 100ing firewall. Now the Institute has upgraded with high end features firewall sophos XG 230.
- Institute has upgraded 832 PCs with i3, i5 and i7 processor and the servers were upgraded with 64GB RAM, 2 TB Hard disk.
- Institute installed CCTV across the campus covering all areas of the college and hostels.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://erode-sengunthar.ac.in/it-policy/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2321	832

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus   `A. ?50 Mbps`

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing   `A. All four of the above`

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://youtu.be/APVAkzHZFII https://www.youtube.com/watch?v=QUZl2myKndU
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

`296.09`

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

Erode Sengunthar Engineering College has a maintenance committee which is headed by campus director, and he monitors all the maintenance activities. These activities are periodically checked by maintenance engineer to ensure the efficiency and working conditions of the equipments.

- **Adequate contract staffs are employed to maintain hygiene, cleanliness, infrastructure on the campus to provide a congenial learning environment. Classrooms, staff rooms, seminar halls, laboratories, etc., are cleaned and maintained regularly by the contract staff assigned. Wash rooms and rest rooms are cleanly maintained by them. Dust bins are placed in all classrooms and in every floor to remove the daily waste papers and other garbage. The landscape of the campus is well maintained by the full time gardeners.**
- **The Civil, Mechanical and Electrical Engineers and their teams are involved in the maintenance of civil and electrical works like plumbing, water supply, all types of furniture, electrification and other maintenance activities.**
- **Lab assistants under the supervision of System Maintenance Cell maintain the computers in the college and related accessories.**
- **Library books and all records are preserved by Pest control.**
- **Campus maintenance is monitored by surveillance Cameras.**

- **Maintenance of computers (Hardware and Software) is done by System Maintenance Cell.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://erode-sengunthar.ac.in/maintenance_policy/]()

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the

Government during the year

`1675`

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

`1028`

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology   `A. All of the above`

File Description	Documents
Link to Institutional website	https://erode-sengunthar.ac.in/capacity-development-and-skills-enhancement/
Details of capability development and schemes	[View File](#)
Any additional information	[View File](#)

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

`1168`

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

498

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

32

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

36

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

14

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has various academic and administrative bodies/committees for the students to represent their ideas and suggestions for the development of the Institution. Following are such bodies,

- Class Committee
- Course Committee
- Department Academic Advisory Committee
- ISTE Students Chapter
- Department Associations
- Women Development Cell (WDC)
- Training and Placement Cell (TPC)
- Entrepreneurship Development Cell (EDC)
- Industry Institute Partnership Cell (IIPC)
- National Service Scheme
- Youth Red Cross
- Red Ribbon Club
- Rotaract Club
- Leo Club
- Renewable Energy Club
- Hostel Committee

Class Committee and Course Committee

During the Class Committee and Course Committee meetings the student members representing the entire class, interact and express the opinion and suggestions of the class students to improve the effectiveness of the teaching-learning process.

Department Academic Advisory Committe (DAAC)

DAAC is a higher level committee. Students represent their views with respect to their interest, aim and difficulties and the same will be taken account during the decision making process of academic activities.

Social Clubs

Students are encouraged to be the members of various social clubs such as NSS, Rotaract, Youth Red Cross, Red Ribbon Club, Fine Arts Club, Maths Club etc. Various events are organized in these clubs to benefit the society and to develop the students holistically.

Professional Societies/Department Associations

The students are encouraged to enroll themselves in various professional bodies and Various events are organized by these professional bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c5/c5.3/c5.3.2/1_Students_Representation_in_Academic_bodies/5.3.2_STUDENTS_ENGAGEMENT.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

16

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of Erode Sengunthar Engineering College has been functioning vibrantly from the year 2000 onwards. The main aim of the association is to establish a link between College and Alumni which will help us to share ideas of mutual growth, achievements and advancements in various fields.

Following events are organised every year.

• Grand Alumni Meet at College premises.

• Guest Lecture in the respective Departments with the expertise of alumni.

• Leader's Talk delivered by successful alumni to motivate the current students to excel in their lives.

A separate web portal is available for the alumni with facilities for registering and updating their details. The URL of Alumni Portal is: http://www.erode-sengunthar.ac.in/alumni/

ESEC Alumni Trust was formed with Reg. No.: 50/BK4/2017 date:14.12.2017. Alumni had contributed over Rs. 8,64,000/- towards ESEC Alumni Trust for the noble cause of supporting the needy students of the college.

Eminent alumni are selected every week and feedbacks are obtained from them and 'Alumnus of the Week' videos and posters are made and published in college official YouTube channel and social media platforms,

'

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/alumni-association/

5.4.2 - Alumni's financial contribution during the year   **C. 5 Lakhs - 10 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Nature of Governance

The Institute follows the guidelines by UGC, New Delhi, AICTE and Anna University and implementation of IQAC norms as per NAAC.

- Principal is the Chairperson for IQAC. Representatives of management, external members and senior professors constitute the IQAC.
- IQAC has several units like Academics, Teaching, Research,

Innovation and Extension activities, Examinations, Infrastructures, Industry Institute Partnership, Training and Placement, Alumni, Website, Activities, Newsletter and MIS to ensure good governance.

- The realization of Vision and Mission of the Institution is thus monitored continuously and depending upon needs, new policies, norms, rules etc., are recommended and complimented or the vision and mission statements are fine tuned in the seven years.

Perspective / Strategic plan

- Implementation of new education policy (NEP) and national innovation and start up policy in the Institution
- Involving more faculty members and students in consultancy and problem solving for industries through IIPC
- Establishment of more research centre, technology business incubator (TBI) and centre of excellence for promoting the research culture among the faculty and students
- Making the students chapters of professional bodies functional and Conducting more numbers of national / International Technical conferences / symposiums / workshops and FDPs for promoting industrial linkage

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/about-us/vission-mission/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization & Participative Management

ESEC believes that excellent governance is essential to ensuring an efficient system for an institution's growth and development, as well as improving its outcomes. Decentralization of governance and delegation of tasks to Directorof various heads like Academics, Research, IIPC, Placement, Head of all departments and IQAC Coordinators are the intention of this initiative, which encourages accessibility and a participative management style of

administration. While framing specific guidelines to strengthen the college's systematic functioning, the college includes all stakeholders. At the same time, decentralization should be viewed as a way to improve the quality and efficiency of the system. To manage and efficiently control the institute, numerous committees, both statutory and non-statutory, are in place.

Implementation of Value-added Course based on Decentralization The Value Added Course (VAC) is recommended to the students tofill the gap between the industry expectation and Institutional procedure. The suitable VAC is suggestions given by all the stake holders, Board of study meetings, DAAC meetings,feedback received from thestudents, Class Committee, Alumni Interaction and EmploymentOpportunity.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.erode-sengunthar.ac.in/about-us/statutory-body-committees/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

In order to meet the expectation of stake holders, the Institution has to be competitive to meet the change in global scenario.A series of brainstorming sessions with stake holders are conducted to chart out a strategic plan for 5 years from 2015-2020 for the Institution. Taking in to account, the history of the Institution's growth pattern and present status, a detailed SWOT analysis was undertaken. Based on the analysis and deliberations, the Institution having become autonomous from July 2019 , a strategic plan for next five years (2019-2024) have been developed with respect to the following points.

- Teaching Learning Process
- Employability
- Research and Development
- Human Resources Planning and Development
- Industry Interaction

- **Community Engagement**

The strategic planning document developed is served as a monitoring tool for self appraisal at various levels and also be a guiding document from management to staff level.

These Plans are deployed through by empowering the respective stake holders and by providing the necessary resources. With sustained efforts, involvement ,monitoring and support, the goals that are set in the document are achieved.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://www.erode-sengunthar.ac.in/about-us/governing-council/
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The functioning of various Institutional bodies is effective and efficient as it is observed from organizational chart, service rules, research policies, student contact regulations etc.

https://www.erode-sengunthar.ac.in/rules/

https://www.erode-sengunthar.ac.in/wp-content/uploads/2019/04/staff-rules-and-regulations.The Institution is owned by Erode Sengunthar Educational Trust. The Correspondent interacts with the trust members to frame directive principles and policies, amend and approve them time to time and reviews the functioning of the college. The trust provides necessary funding to develop, maintain and improve the quality of infrastructure, faculty, teaching learning process and research. The Principal being the overall authority of the Institution in all aspects, interacts with the Correspondent and raises proposals to provide necessary resources in order to realize the vision and mission of the Institution. The Principal is assisted by the Directors and Heads of the departments in implementing the policies and ensuring the achievement of intended goals.

HoDs are given autonomy in carrying out the academic functions. They take decisions related to all the academic matters and delicate the works to the faculty members in a decentralized manner. HoDs are also involved in various activities including teaching, student development, faculty development activities and staff development. Non academic departments like civil maintenance, electrical maintenance and housekeeping are effectively functioning under the respective heads.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.erode-sengunthar.ac.in/organizationchart/
Upload any additional information	View File
Paste link for additional Information	https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.2/c6.2.2/1_Institutional_Bodies/6.2.2.1.3_HR_Policy.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination　　　　　**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare measures are available not only for the development of faculty and staff but also for the organizational development. The Institute offers various schemes as detailed below for teaching and non teaching staff members

Teaching

- On duty
- 5 days Medical Leave ,12 days Casual Leave & 30 days Vacation
- Sponsorship to pursue Higher Studies
- 40% share for consultancy work
- Seed money for R&D activities
- Sponsorship for National and International publications in Conferences and Journals
- Travel grant to attend workshop/conference in abroad
- Awards & Certificates for Meritorious and Continuous service
- Giving less workload for the faculty who involve in the research and funding projects works
- Free Hostel accommodation and foodfor deputy-wardens
- Concession to avail College bus service

Non teaching

- On duty for Higher studies and other training programs.
- 5 days Medical Leave ,12 days Casual Leave & 30 days Vacation
- Sponsorship to pursue Higher Studies
- 40% for consultancy work
- Free Hostel accommodation and food for deputy-wardens
- Concession to avail College bus service

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.3/c6.3.1/2_Additional_Information/1.Incentive_Policy.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

136

File Description	Documents
Upload any additional information	[View File]
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File]

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

73

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File]
Upload any additional information	[View File]

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

266

File Description	Documents
Summary of the IQAC report	[View File]
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View File]
Upload any additional information	[View File]

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Financial planning and management is the foresight of theinstitution in strategizes its growth and development activities.The institution conducts regular internal audits by the authorizedand recognized auditors. All the expenditures incurred by thecollege is maintained by the college accounts department and dulysubmitted to the government from time to time.

Financial CommitteeThe finance committee of the institute reviews the financialplanning periodically. The institute is registered under section 12Aof the Income Tax Act. The finance committee acts as an advisorybody to Governing Council (GC) on matters of finances connected tothe college. The third party qualified auditors prepare theinstitute level budget for every assessment year and present it tothe Governing Council for further proceedings.The annual budget for institute is prepared and proposed at thebeginning of financial year, for recurring and non-recurringpotential income and expenditures involved for the year. Financial Audit Qualified and certified internal auditors appointed do the audit onregular basis. As an act of transparency, the audited financialstatements are published on the college website and also sent to thestatutory and regulatory bodies.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/aqar2021/c6/c6.4/c6.4.1/2_External_Audit/6.4.1_External_Audit.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

Rs. 8,33,845

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute maintains & follows a well-planned process for the mobilization of funds and its resources. The process involves the activities of various committees , Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

- In Mobilization of Funds, the student Tuition fee is the major source of income for the Institute.
- Various government and non-government agencies sponsor events like seminars and workshops.
- Alumni contribute to the Institute by raising funds

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.4/c6.4.3/1_Funds_Received_from_Government_Organizations/6.4.3_Academic_audit_20_21.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC)

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up- gradation of Institutions of Higher Education, the Internal Quality Assurance Cell (IQAC) has been established in the College.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institution. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of the Institution. During the post- accreditation process, the IQAC will channelize all efforts and measures of the Institution towards promoting its academic excellence

IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes, the following two practices are the results of IQAC initiative

- **Collaborative linkages with Industry and Institutes of research:**
- **Coaching for competitive examinations**

- **Tapping of financial resources from UGC and other funding agencies:**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.erode-sengunthar.ac.in/iqac-members/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Teaching and Learning:

Diversity of Learners in respect of their background, abilities and other personal attributes will influence the extent of their learning. The teaching-learning modalities of the Institution are rendered to be relevant for the learner group. The learner-centered education through appropriate methodologies facilitates the effective learning. Faculties provide a variety of learning experiences, promoting individual and collaborative learning. The Faculties employ interactive and participatory approach creating a feeling of responsibility in learning and makes learning a process of building the knowledge.

The Institute follows the following methods to make sure the better teaching and learning process.

- **Academic Calendar**

- **Lesson plan**

- **Time Table**

- **Mentoring System**

- **Remedial Classes**

- **Assessment Tests**

- **Practical Courses**

- **Tutorial class**

- **Project works**

- **Knowledge Sharing Session**

- **Class Room Teaching**

- **Innovative teaching learning process**

- **Assignments**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/annual-report/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.erode-sengunthar.ac.in/annual-report/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Response: Erode Sengunthar Engineering College has committeditself to the standard of gender fairness.

Curricular, Co-Curricular and Extra-Curricular Activities: The Institution provides platform for women empowerment.Programsand workshops with a specific focus on empowering and promoting participation of female faculty, Staffs and students areorganized throughout the year. Facilities on Campus: Safety and Security: 24 X 7 monitoring by security personnel. Around 128 CCTV Cameras are installed at strategic points inthe campus. Separate and secured hostel is available for femalestudents within the campus. Fire safety equipment'sare installed in all thelaboratories and corridors. First-Aid Kit is available in all laboratories and collegeoffice. Counselling:Individual counselling is offered through the mentor-menteesystem which works in the ratio of 1:20. Separate counselling rooms are available in the college campus and in the hostel for male and female students. Common Room: Conference Hall, Seminar Hall, Fitness Centre, Reading Roomin Library, Common waiting room in rest rooms and commonroom in Hostel are available. Day-Care Centre: Day-care centre is functioning for the children of facultyand staff members

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://erode-sengunthar.ac.in/women_empowerment_cell/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Hazardous waste management

Hazardous waste is waste that poses substantial threats to the public health or the environment. The Institute does not create any hazardous wastes. At the same time non-hazardous wastes are properly treated and discarded using the special treatment processes. The grey water is treated using aeration, filtration method and the same treated water is used for gardening purpose.

E-waste management

The Institution receives major E-waste through computer components and its associated accessories.

The components of computers such as CRTs may contain contaminants, which bio-accumulate in the environment and is extremely toxic to humans, in particular adversely affecting kidneys and bones. These kind of E-scrap materials are stored in a safe place till sufficient materials are collected. Then the collected E-scrap materials are sent for proper disposal.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   **A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<u>View File</u>
Certification by the auditing agency	<u>View File</u>
Certificates of the awards received	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	[View File](#)
Policy documents and brochures on the support to be provided	[View File](#)
Details of the software procured for providing assistance	[View File](#)
Any other relevant information	[View File](#)

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institution has been taking several efforts and initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. By celebrating many National and International Days of importance all the students and faculty members are reminded of harmony and culture of our nation. Many events through various clubs are organized to depict our culture, region, language, community harmony and socio economic balancing. Festivals of all the religions are celebrated in the Institution aims at bringing tolerance and harmony among the students and staff and other stakeholders. Observing various important day of importance kike Independence day, Republic day Gandhi Jayanthi etc bring patriotism and harmony among the student community.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Institute promotes different kinds of initiatives to sensitize the students and employees to the constitutional obligation by organizing various activities and few are listed below

• On 26th Nov 2019, Constitution day was celebrated. It narrated

the fundamental rights, Duties, Values and responsibilities of citizens as stated in the Constitution of India.

· The Institution has introduced a compulsory paper Indian Constitution for our students in UG level of all engineering disciplines to create awareness and sensitizating the students and employees to constitution obligation.

· As a part of strengthening the democratic values, an awareness program on Voting is created to the nearby villages (Thudupathi and Seenapuram) to educate the students and the general public about the democracy.

· Every year Republic day is celebrated on Jann 26th , and Independence day on Aug 15th by organizing various cultural events and various completions on essay writing, debate, qui etc highlighting the importance of Indian Constitution and National Integration.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates/ organizes national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among the people of India.

The Institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. All the Faculty, Staff and Students of the Institution join together to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness to the society.

- Republic Day
- Independence Day
- Engineers Day celebrations
- International Womens day celebrations
- Pongal celebrations
- Onam Festival
- Aydha Poojai / Saraswathi Poojai celebrations
- Teachers day celebrations
- National youth day

The Institute celebrates the above events and festivals throughvarious clubs with wide participation from the students andfaculty members. Competitions and rallies are held during theseevents to create awareness among the students and public. Awards are being given on Teachers' Day for special performance andresearch oriented activities for the benefit of efficientfaculty members. Various medical camps like Eye Camp, blood donation camp,mp etc. were organized to ensure thefitness of the students, faculty members and scavengers. Theinstitute

provides a societal friendly environment byencouraging the students to visit orphanages and help theneedful people during the national memorial days. To ensure thecultural heritage, festivals like Pongal, Onam, Deepavali etc.were celebrated inside the college premises.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice: Digital Learning Process

Goal To make Faculty expertise in teaching learning process and develop effective self-directed learning skills for students.

The Practice

This program is designed in such a way that, lecture will be taken through PowerPoint / video presentation by faculties through Google meets. Faculties post assignments, questions, relevant articles, research and current knowledge and many more.

Evidence of Success

The improvement of the students can be traced and if there are no improvements, the students are helped in the areas that they are weak at, as per the report.

Title of the Practice: Mentoring System

Goal

To provide guidance and assistance to the student community to

excel in their academic activities and to motivate them to participate in cocurriculur and extracurricular activities by understanding their attitude and situation.

The Practice

Students are identified as bright, average and below average based on their academic performance in internal examinations and end semester examinations. Mentor Mentee list is prepared in every department with the maximum ratio of 1:15.

Evidence of Success

Improved academic achievement, cocurriculur participation, extracurricular involvement, and overall discipline have been the results of prompt intervention.

File Description	Documents
Best practices in the Institutional website	https://www.erode-sengunthar.ac.in/best-practices/
Any other relevant information	https://erode-sengunthar.ac.in/aqar2021/c7/c7.2/7.2.1.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Vision

The Institution thrives to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society

Mission

The Institute strives continuously to

- Create Positive difference to Society through Education
- Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds
- Build World Class Research and Development capabilities on par with the finest in the World and widen students horizons

beyond Class Room Education
- Bring out Competent, Ethically Strong and Quality Professionals for the Benefit of the Society

Most of the students studying in our college are from rural areas and from economically poor background, but they are not poor in talent and knowledge. In order to make them into holistic personalities, along with academic enrichment, number of activities are organized in the college so as students may get an opportunity to develop their potential. The Institution offers exposure to the students to get an opportunity to participate in every curricular, extracurricular and extension activities very actively. Various clubs, Professional Societies, associations in college offer students a platform to nurture and develop their soft skills. To reduce the gap between Academia and Industry the institute plans program like Industrial visits, expert talk, seminars, workshops, Internship, Value added courses etc.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Erode Sengunthar Engineering College is particular in imparting Outcome based education. Relevancy of Local, national, regional and global development needs are reflected in Program Outcome, Program Specific Outcome and Course Outcome.

A systematic procedure for development, revision and implementation of curriculum of all the departments is in existance. The Primary objective of the institute is to create Techno-Managerial power for the local, national, regional and global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in regional and global level with all necessary fundamentals.

The Curriculum is designed in such a way that the students acquire necessary domain knowledge, skills, attitude and behaviour. The factors considered for design of curriculum are: (i) Syllabiof various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE (iii) The Program Specific Outcomes offered by similar programs of other colleges (iv) Suggestions by industry experts and alumni (v) Syllabi of various competitive exams (vi)Inputs from Industry experts and needs of the industry.

- An effective implementation of this Outcome Based Education (OBE) ensures that our graduating engineers acquire all the 12 POs defined by NBA, and can compete on a global platform.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://erode-sengunthar.ac.in/curriculum-development/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

381

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

341

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

21

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Some of the steps taken to integrate the cross-cutting issues are as mentioned below:

1. Gender(Girls)

The Institution hasunderstood the importance of gender equality and many programs are conducted in order to help the girl students and women staff members. The N.S.S. unit of our college has been very proactive in conducting different extension activities in college premises and adopted villages

2. Environment and Sustainability

The college is committed to contribute for providing good environmental surroundings and sustainable growth. It has been practiced in the college that whenever a student joins the college he/she is motivated to plant a sapling in the college campus with periodic maintenance to achieve GREEN CAMPUS. Over the period the college campus become much greenish with pleasant surroundings with pure air.

Various activities like quiz and poster competitions, invited
talks are organized to create awareness about nature,
biodiversity, environment and sustainability. Different
activities have been initiated by the college to save
environment. Students are encouraged to do projects related to
Environment Sustainability.

3. Human Values and Professional Ethics

Professional Ethics subject is included in curriculum.
Internship, Industrial Visits, Industrial trainig / Projects
are arranged to the students to enhance their professional
ethics.

Keeping the importance of imbibing human values and ethical
values in the minds of students various webinar, quiz and essay
competition are conducted through various student
chapters/professional bodies within the college campus.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

90

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1170

File Description	Documents
List of students enrolled	*View File*
Any additional information	*View File*

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1135

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	*View File*
Any additional information	*View File*

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.erode-sengunthar.ac.in/curriculum-feedback-action-taken/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	*View File*
Any additional information	*View File*

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.erode-sengunthar.ac.in/curriculum-feedback-action-taken/
Any additional information	*View File*

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

786

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

735

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

- **Bridge Courses / Orientation programs/ Induction programs are conducted to lift the level of students.**
- **The Institution assesses the learning levels of the students based on academic performance.**
- **Academic and personal counseling are given to the students by the tutor and the mentors of the respective classes.**
- **Remedial classes are conducted with an aim to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities.**
- **Explanation and discussions are imparted to the slow learners by providing simple and standard lecture notes/course materials**
- **The advanced learners are guided to participate in hackathons / project competition, enroll in MOOC Courses – Swayam, NPTEL, edX-online learning and competitive**

exams.
- **Group study system, assignment and seminars on contemporary topics enable students to grab better placement offers.**
- **Participation in in-house competitions like debate, group discussion, problem solving, decision making exercises and quiz programs are encouraged.**
- **The academic achievements are recognized by cash awards and merit certificates during Annual Day celebration and various cultural activities.**

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	[https://erode-sengunthar.ac.in/aqar2021/c2/c2.2/c2.2.1/Catering_to_Student_Diversity/4_Policy_Document/Policy_Document_for_advanced_and_slow_learners_Mentoring_Systems.pdf]

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/03/2021	2321	266

File Description	Documents
Upload any additional information	[View File]

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Erode Sengunthar Engineering College (ESEC) considers student centric methods to enhance Learning experiences. Outcome Based Education (OBE) is a transformational method that focuses on evaluating outcomes of the programs by stating the knowledge, skill and behavior of the graduates. It emphasizes the design of curriculum, outcome based teaching-Learning, assessment and

evaluation. ESEC effectively implemented the outcome based Education through activity based learning that includes experimental learning, participatory learning and problem solving methodologies.

For enhancing lifelong learning skills of students, are instructed to take up review projects, mini-projects, case studies, working models, etc. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. Experiential Learning
2. Participatory Learning
3. Problem-solving methods

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://erode-sengunthar.ac.in/annual-report/

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ESEC uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

- Classrooms are furnished with LCD Projectors to facilitate technical presentation and to show educational videos/documents.
- Laboratories, seminar halls, auditoriums, conference rooms are equipped with ICT tools and 24*7 Wi-Fi enabled.
- Computer laboratories with high speed internet connection are available for research presentation, seminars, group discussion, assignments, viva, laboratory work, etc.
- Digital Language software is employed for listening and communication skill practice.
- Google class rooms are used to post the course contents, conduct quizzes, maintain lab records and assignments, etc.
- To enhance the learning ability of the students, learning

management system (Local LMS) is employed.

- **Virtual Laboratories are used to conduct lab sessions using simulation and programming modules.**
- **ONLINE e-resources like NPTEL, you tube lectures are exploited for effective Teaching -Learning process.**
- **Advanced digital Library is in place and is active.**

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.erode-sengunthar.ac.in/ict-tools/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

224

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar:

- **The Controller of Examination prepare the academic schedule which includes date of commencement and closure of classes, schedules of internal tests and tentative dates of theory and practical end semester examinations based on Affiliating University schedule.**
- **The Institution prepares the academic calendar every semester in advance which covers total working days, list of examination dates, academic audits, feedback collection and Institutional level events. Based on the academic calendar, every department plans its activities like seminars, conferences, guest lectures, workshops and industrial visits, etc throughout the semester.**
- **The CoE office is responsible for preparing question**

papers, conduct of examinations, evaluation of answer scripts, declaration of results and issuing of grade sheets.

- The Internal Examination Cell ensures smooth conduction of continuous assessment tests.

Preparation and Adherence of Teaching Plan:

- The faculty members prepare Teaching / Lesson plan based on academic calendar for their respective subjects with class room teaching, case studies, role play and lab session.
- The Director Academics, HoDs and IQAC ensure timely and effective completion of course with perfect blend of practical and theoretical inputs.
- The Principal reviews the implementation and progress of various activities.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

266

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

65

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1175

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

18

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The office of Controller of Examination introduces several reforms in the examination system through integration of IT in all the procedures and processes of the examination system by E-Nova software.

Examination Procedures and IT Integration

- Semester patterns of examination with continuous evaluation system have been adopted.
- E-governance has been successfully implemented with student's information such as fees details, attendance, internal assessment and end semester examination marks.
- Panel of examiners is compiled prior to the examination on collecting the information from various Institutions considering eligibility norms of the University.
- Examiners are provided with login ID and password for the digital evaluation.
- The answers scripts are coded to prevent disclosure of identity of students.
- Scheme of evaluation along with solutions are made available to the examiners prior to the commencement of evaluation.

The process that has helped the examination section to improve the functionality of the system and is listed below;

- Internal marks are generated by E-Nova software for theory, laboratory and project as per regulation.
- Hall tickets generation, evaluation and declaration of results are done through online.
- Photo copies of answer scripts are provided to the students on submission of application.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/aqar2021/c2/c2.5/c2.5.3/ESEC_EXAMINATION_MANUAL.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

- **Our Institution follows Outcome Based Education in align with National Board of Accreditation with defined 12 Program Outcomes, 2 to 3 Program Specific Outcome are framed for each program.**
- **The curriculum composition is carefully designed to attain the POs/PSOs.**
- **The Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are widely propagated through website, curriculum / regulations books, class rooms, laboratory, department, library display boards and meetings with stake holders.**
- **HoDs and faculty members brief the POs, PSOs and COs in class committee meeting and faculty meeting to create awareness and emphasize the need to attain the outcomes.**
- **POs are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation.**
- **PSOs are framed based on the specific skill requirements of the students at micro level and by the end of the program and got approved in DAAC meeting.**
- **COs are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The COs are prepared by the course coordinator and verified in Department Academic Advisory Committee meeting. During the commencement of each unit and after the completion of the unit, the course outcomes**

are reviewed.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	https://www.erode-sengunthar.ac.in/aicte/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

- **Each course has a defined set of course outcomes and corresponding evaluation criteria.**
- **CO-PO & PSO mapping for all the courses in the program provide the quantitative measurement is prepared by the course coordinator and refined on brainstorming with the faculty members.**
- **The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs.**
- **Rubrics are formulated for the assessment of Laboratory, Mini Project, Major Project, Seminar and Internship courses.**
- **The Program Outcomes (POs) are assessed based on their performance indicator through**
  - **Direct Assessment tools are Continuous Assessment Test (theory, practical) and End Semester Examination**
  - **In Indirect Assessment tools, the POs are assessed indirectly through Co-curricular/ Extracurricular activities and various survey forms like Course End survey, Employer Survey ,Alumni survey, feedback offered by Industrial experts, etc..**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://erode-sengunthar.ac.in/aqar2021/c1/c1.1/c1.1.1/1_Outcome_Based_Education(OBE)/ESEC-OBE-Manual.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

659

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.erode-sengunthar.ac.in/annual-report/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://www.erode-sengunthar.ac.in/students-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Promotion of Research

The research and development activities at ESEC are accomplished by enthusiastic, zealous, energetic and

experienced faculty members. All the faculty members are motivated to engage in some or other form of research and development activities along with academic activities. The main objectives of R&D are to acquire emerging scientific knowledge, to design new methodologies in the field of Science, Engineering Technology and Management and to develop tools and techniques for offering solutions to the rural and socially relevant issues and challenges.

In line with the above objectives, faculty members are encouraged to apply for research grants, grants for conducting seminars and workshops.

The Institute is providing seed money to the potential faculty members to carry out internal Projects and encourages them to get involved in research related activities.

The faculty has freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The Institute encourages the faculty by providing incentives for attending conferences, seminars, Faculty Development Programs, etc.

The Institute encourages faculty members to collaborate with other higher Institutions of Learning and research Organizations within India and abroad to establish networks for pursuing their research and publishing their papers.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.erode-sengunthar.ac.in/research-policy/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the

year (INR in lakhs)

2

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

8

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.78

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://erode-sengunthar.ac.in/aqar2021/c3/c3.2/c3.2.2/1_Names_of_teachers_having_research_projects/grant_details_2020_21.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

15

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/bureaus/rifd/AQIS
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution provides a conducive environment for promotion of Innovation and Incubation. Students are encouraged to actively involve in the application of Technology for societal needs. Financial and necessary support like guidance, documentation, publication of research papers and patents are provided for major, minor research projects.

Awareness meets, workshops, seminars and guest lectures on entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products. Incubation Center facilitates students to convert their Ideas into Technological Innovations.

Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development.

Workshops on emerging trends in Technology are held. Students are awarded cash prizes for best projects. Students are encouraged to gain hands on experience and better Industrial Exposure.

College is recognized as a host centre of MSME for the development of cost effective society related projects. College conducts coding contest and HACKTHONs through Institute Innovation Council(IIC) to promote the innovative skills of the students.

The Local Entrepreneurs are invited to address the students and inspire them. Students are provided with an opportunity to

acquire skills for commercialization of their product.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/rd-intro/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

131

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the

year

3.4.2.1 - Number of PhD students registered during the year

8

File Description	Documents
URL to the research page on HEI website	https://www.erode-sengunthar.ac.in/rd-intro/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

38

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

51

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/14936-2/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

77

File Description	Documents
Any additional information	**View File**
Bibliometrics of the publications during the year	**View File**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

9

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**View File**
Any additional information	**View File**

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

36.99

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**View File**
List of consultants and revenue generated by them	**View File**
Any additional information	**View File**

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.71

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	[View File](#)
List of facilities and staff available for undertaking consultancy	[View File](#)
Any additional information	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

To imbibe the social responsibility amongst the students, they are encouraged to serve the nearby villages. The Institute has NSS, various clubs and cells which provide extension activities in the neighborhood.

Some of the significant social activities are listed below.

- **The Institute has offered its hostel as Covid Relief / Care center during the pandemic and around 600 people got benefitted.**
- **NSS unit and a team of committed faculty members engage themselves in the community development programs such as rallies on COVID awareness, usage of mask, importance of social distancing, AIDS awareness, female foeticide issues and tree plantation, health camp, blood donation and hemoglobin check-up camps in collaboration with government and non-government agencies.**
- **The Institute had invited physicians to deliver various talks on health, nutrition and gender related issues at adopted village to overcome the social problems like uncleanliness, unhygienic, malnutrition conditions.**
- **Working along with professionals and diversified social groups, students learn to negotiate, communicate, manage conflict, lead others, gain more self-confidence, autonomy and appreciation which lead to holistic**

development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/national-service-scheme/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

14

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

33

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1441

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

60

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

18

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute encompasses a well maintained green campus spread over 55.54 acres of land with a build-up area of 4,64,000 Sqm, ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Technology Enabled learning facility

The Institute has Wi-Fi facility with 88 classrooms with adequate seating capacity to accommodate sanctioned intake and 67 classrooms are equipped with LCD Projectors for multimedia learning. Each department has well equipped laboratory

facilities, industry supported special laboratory, library, computer center with internet facility and seminar hall for conducting department level association and professional body activities.

An Auditorium with a seating capacity of 2500 is available to conduct programs like annual day, graduation day, hostel day, InterInstitute programs, competitions and cultural events.

Central Library with adequate number of titles, books, volumes, competitive exam books, journals (national and international), back volumes and digital library facility are available.

A total number of 832 computers are available with internet through a leased line with a bandwidth of 300 MBPS.

Study materials, tutorials, quizzes, assignments and videos for each subject are posted in Google classroom which would help the students in their learning process.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c4/c4.1/c4.1.1/1_Classrooms/Infrastructure.pdf

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Cultural facilities

The Institute, with its Core Courses and the continuous evaluation scheme, integrates sports and extra-curricular activities as essential components.

It has an adequate facility for conducting indoor and outdoor games such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho, carom, table tennis, chess, etc., Auditorium and well-equipped seminary halls for organizing annual functions and cultural events.

Sports competitions are organized regularly every year for students. Students are specially trained for participation in

Zonal and Inter-Zonal matches, National Youth Festivals/ competitions organized by the Association of Indian Universities, and other cultural /sports events.

A full fledged Gym is available inside the campus with state of art facilities like upright bike, spin bike, Roman chair, etc. for the benefit of students.

The college is committed to provide a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as interdepartmental, intercollegiate, InterUniversity events,etc. were conducted to develop team spirit and interpersonal skills in students. Every year talented students are awarded with medals, trophies and cash awards. Students are also sponsored to attend international /National/District events related to sports.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c4/c4.1/c4.1.2/Games_and_Sports/Physical_Education_Facilities_4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

93

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

116.72

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Central Library is digitalized with PALPAP Library Automation Software capable of handling Tera Bytes of records.

The college library has an open reference section comprising of good collection of text books and reference books on all branches of study. Books for the various competitive examinations like GATE, GRE, GMAT, SAT, CAT, TOFEL, general knowledge, preparatory guides etc., are available.

The PALPAP software provides facilities for catalogue search, circulation of books and magazines, reservation of books and library statistics etc. And also Reports on the books issued, reservation status and budget expenditure can be generated.

Digital Library

Delnet and NDL membership are available for online journal access. E-Journals and various CDs related to competitive exam preparation are also available.

The Library transactions are carried out by RFID and Bar Code Technology. It has the facility of Web OPAC-online search. So the library catalogue can be accessed through intranet and internet. And the library is being subscribed to the E-resources. Also, the library has CCTV surveillance cameras for the proper vigilance of the library holdings and to avoid misbehaviours (misplacement, tearing, etc.)of the users.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/about-central-library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

2.64

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

766

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Institute has an IT policy covering Wi-Fi, cyber security which is updated regularly covering Wi-Fi, cyber security, software up gradation and ICT enabled teaching learning. Formal IT policy has been approved by Academic Council and Governing Council.

Institute has framed various policies like Procurement, Installation of Hardware, Network and software. Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically.

Institution provides 3 to 5 % of the annual budget for upgradation of IT facilities which are audited as per the balance sheet and changes in the system as follows:

- During previous accreditation, the campus was enabled with internet bandwidth of 75Mbps. Now the Institute has upgraded the bandwidth to 300 Mbps.
- Number of Wi-Fi routers are also increased and Wi-Fi network facility were deployed across the campus & hostels.
- During previous accreditation, the Institute had Cyberoam 100ing firewall. Now the Institute has upgraded with high end features firewall sophos XG 230.
- Institute has upgraded 832 PCs with i3, i5 and i7 processor and the servers were upgraded with 64GB RAM, 2 TB Hard disk.
- Institute installed CCTV across the campus covering all areas of the college and hostels.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/it-policy/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2321	**832**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://youtu.be/APVAkzHZFII https://www.youtube.com/watch?v=QUZl2myKndU
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

296.09

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

Erode Sengunthar Engineering College has a maintenance committee which is headed by campus director, and he monitors all the maintenance activities. These activities are periodically checked by maintenance engineer to ensure the efficiency and working conditions of the equipments.

- Adequate contract staffs are employed to maintain hygiene, cleanliness, infrastructure on the campus to provide a congenial learning environment. Classrooms, staff rooms, seminar halls, laboratories, etc., are cleaned and maintained regularly by the contract staff assigned. Wash rooms and rest rooms are cleanly maintained by them. Dust bins are placed in all classrooms and in every floor to remove the daily waste papers and other garbage. The landscape of the campus is well maintained by the full time gardeners.
- The Civil, Mechanical and Electrical Engineers and their teams are involved in the maintenance of civil and electrical works like plumbing, water supply, all types of furniture, electrification and other maintenance activities.
- Lab assistants under the supervision of System Maintenance Cell maintain the computers in the college and related accessories.
- Library books and all records are preserved by Pest control.
- Campus maintenance is monitored by surveillance Cameras.

- Maintenance of computers (Hardware and Software) is done by System Maintenance Cell.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://erode-sengunthar.ac.in/maintenance_policy/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1675

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1028

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	https://erode-sengunthar.ac.in/capacity-development-and-skills-enhancement/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1168

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

498

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

32

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

36

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

14

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has various academic and administrative bodies/committees for the students to represent their ideas and suggestions for the development of the Institution. Following are such bodies,

- Class Committee
- Course Committee
- Department Academic Advisory Committee
- ISTE Students Chapter
- Department Associations
- Women Development Cell (WDC)
- Training and Placement Cell (TPC)
- Entrepreneurship Development Cell (EDC)
- Industry Institute Partnership Cell (IIPC)
- National Service Scheme
- Youth Red Cross
- Red Ribbon Club
- Rotaract Club
- Leo Club
- Renewable Energy Club
- Hostel Committee

Class Committee and Course Committee

During the Class Committee and Course Committee meetings the student members representing the entire class, interact and express the opinion and suggestions of the class students to improve the effectiveness of the teaching-learning process.

Department Academic Advisory Committe (DAAC)

DAAC is a higher level committee. Students represent their views with respect to their interest, aim and difficulties and the same will be taken account during the decision making process of academic activities.

Social Clubs

Students are encouraged to be the members of various social clubs such as NSS, Rotaract, Youth Red Cross, Red Ribbon Club, Fine Arts Club, Maths Club etc. Various events are organized in these clubs to benefit the society and to develop the students holistically.

Professional Societies/Department Associations

The students are encouraged to enroll themselves in various professional bodies and Various events are organized by these professional bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.erode-sengunthar.ac.in/aqar2021/c5/c5.3/c5.3.2/1_Students_Representation_in_Academic_bodies/5.3.2_STUDENTS_ENGAGEMENT.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

16

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of Erode Sengunthar Engineering College has been functioning vibrantly from the year 2000 onwards. The main aim of the association is to establish a link between

College and Alumni which will help us to share ideas of mutual growth, achievements and advancements in various fields.

Following events are organised every year.

- Grand Alumni Meet at College premises.

- Guest Lecture in the respective Departments with the expertise of alumni.

- Leader's Talk delivered by successful alumni to motivate the current students to excel in their lives.

A separate web portal is available for the alumni with facilities for registering and updating their details. The URL of Alumni Portal is: http://www.erode-sengunthar.ac.in/alumni/

ESEC Alumni Trust was formed with Reg. No.: 50/BK4/2017 date:14.12.2017. Alumni had contributed over Rs. 8,64,000/- towards ESEC Alumni Trust for the noble cause of supporting the needy students of the college.

Eminent alumni are selected every week and feedbacks are obtained from them and 'Alumnus of the Week' videos and posters are made and published in college official YouTube channel and social media platforms,

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File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/alumni-association/

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Nature of Governance

The Institute follows the guidelines by UGC, New Delhi, AICTE and Anna University and implementation of IQAC norms as per NAAC.

- Principal is the Chairperson for IQAC. Representatives of management, external members and senior professors constitute the IQAC.
- IQAC has several units like Academics, Teaching, Research, Innovation and Extension activities, Examinations, Infrastructures, Industry Institute Partnership, Training and Placement, Alumni, Website, Activities, Newsletter and MIS to ensure good governance.
- The realization of Vision and Mission of the Institution is thus monitored continuously and depending upon needs, new policies, norms, rules etc., are recommended and complimented or the vision and mission statements are fine tuned in the seven years.

Perspective / Strategic plan

- Implementation of new education policy (NEP) and national innovation and start up policy in the Institution
- Involving more faculty members and students in consultancy and problem solving for industries through IIPC
- Establishment of more research centre, technology business incubator (TBI) and centre of excellence for promoting the research culture among the faculty and students
- Making the students chapters of professional bodies functional and Conducting more numbers of national / International Technical conferences / symposiums / workshops and FDPs for promoting industrial linkage

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://www.erode-sengunthar.ac.in/about-us/vission-mission/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization & Participative Management

ESEC believes that excellent governance is essential to ensuring an efficient system for an institution's growth and development, as well as improving its outcomes. Decentralization of governance and delegation of tasks to Directorof various heads like Academics, Research, IIPC, Placement, Head of all departments and IQAC Coordinators are the intention of this initiative, which encourages accessibility and a participative management style of administration. While framing specific guidelines to strengthen the college's systematic functioning, the college includes all stakeholders. At the same time, decentralization should be viewed as a way to improve the quality and efficiency of the system. To manage and efficiently control the institute, numerous committees, both statutory and non-statutory, are in place.

Implementation of Value-added Course based on Decentralization The Value Added Course (VAC) is recommended to the students tofill the gap between the industry expectation and Institutional procedure. The suitable VAC is suggestions given by all the stake holders, Board of study meetings, DAAC meetings,feedback received from thestudents, Class Committee, Alumni Interaction and EmploymentOpportunity.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.erode-sengunthar.ac.in/about-us/statutory-body-committees/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

In order to meet the expectation of stake holders, the Institution has to be competitive to meet the change in global scenario.A series of brainstorming sessions with stake holders are conducted to chart out a strategic plan for 5 years from 2015-2020 for the Institution. Taking in to account, the history of the Institution's growth pattern and present status, a detailed SWOT analysis was undertaken. Based on the analysis and deliberations, the Institution having become autonomous from July 2019 , a strategic plan for next five years (2019-2024) have been developed with respect to the following points.

- **Teaching Learning Process**
- **Employability**
- **Research and Development**
- **Human Resources Planning and Development**
- **Industry Interaction**
- **Community Engagement**

The strategic planning document developed is served as a monitoring tool for self appraisal at various levels and also be a guiding document from management to staff level.

These Plans are deployed through by empowering the respective stake holders and by providing the necessary resources. With sustained efforts, involvement ,monitoring and support, the goals that are set in the document are achieved.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.erode-sengunthar.ac.in/about-us/governing-council/
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The functioning of various Institutional bodies is effective and efficient as it is observed from organizational chart, service rules, research policies, student contact regulations etc.

https://www.erode-sengunthar.ac.in/rules/

https://www.erode-sengunthar.ac.in/wp-content/uploads/2019/04/staff-rules-and-regulations.The Institution is owned by Erode Sengunthar Educational Trust. The Correspondent interacts with the trust members to frame directive principles and policies, amend and approve them time to time and reviews the functioning of the college. The trust provides necessary funding to develop, maintain and improve the quality of infrastructure, faculty, teaching learning process and research. The Principal being the overall authority of the Institution in all aspects, interacts with the Correspondent and raises proposals to provide necessary resources in order to realize the vision and mission of the Institution. The Principal is assisted by the Directors and Heads of the departments in implementing the policies and ensuring the achievement of intended goals.

HoDs are given autonomy in carrying out the academic functions. They take decisions related to all the academic matters and delicate the works to the faculty members in a decentralized manner. HoDs are also involved in various activities including teaching, student development, faculty development activities and staff development. Non academic departments like civil maintenance, electrical maintenance and housekeeping are effectively functioning under the respective heads.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.erode-sengunthar.ac.in/organizationchart/
Upload any additional information	View File
Paste link for additional Information	https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.2/c6.2.2/1_Institutional_Bodies/6.2.2.1.3_HR_Policy.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare measures are available not only for the development of faculty and staff but also for the organizational development. The Institute offers various schemes as detailed below for teaching and non teaching staff members

Teaching

- On duty
- 5 days Medical Leave ,12 days Casual Leave & 30 days Vacation
- Sponsorship to pursue Higher Studies
- 40% share for consultancy work
- Seed money for R&D activities

- **Sponsorship for National and International publications in Conferences and Journals**
- **Travel grant to attend workshop/conference in abroad**
- **Awards & Certificates for Meritorious and Continuous service**
- **Giving less workload for the faculty who involve in the research and funding projects works**
- **Free Hostel accommodation and foodfor deputy-wardens**
- **Concession to avail College bus service**

Non teaching

- **On duty for Higher studies and other training programs.**
- **5 days Medical Leave ,12 days Casual Leave & 30 days Vacation**
- **Sponsorship to pursue Higher Studies**
- **40% for consultancy work**
- **Free Hostel accommodation and food for deputy-wardens**
- **Concession to avail College bus service**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.3/c6.3.1/2_Additional_Information/1.Incentive_Policy.pdf](#)

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

136

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

73

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

266

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Financial planning and management is the foresight of theinstitution in strategizes its growth and development activities.The institution conducts regular internal audits by the authorizedand recognized auditors. All the expenditures incurred by thecollege is maintained by the college accounts department and dulysubmitted to the government from time to time.

Financial CommitteeThe finance committee of the institute reviews the financialplanning periodically. The institute is registered under section 12Aof the Income Tax Act. The finance committee acts as an advisorybody to Governing Council (GC) on matters of finances connected tothe college. The third party

qualified auditors prepare theinstitute level budget for every assessment year and present it tothe Governing Council for further proceedings.The annual budget for institute is prepared and proposed at thebeginning of financial year, for recurring and non-recurringpotential income and expenditures involved for the year. Financial Audit Qualified and certified internal auditors appointed do the audit onregular basis. As an act of transparency, the audited financialstatements are published on the college website and also sent to thestatutory and regulatory bodies.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://erode-sengunthar.ac.in/aqar2021/c6/c6.4/c6.4.1/2 External Audit/6.4.1 External Audit.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

Rs. 8,33,845

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute maintains & follows a well-planned process for the mobilization of funds and its resources. The process involves the activities of various committees , Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

- In Mobilization of Funds, the student Tuition fee is the major source of income for the Institute.
- Various government and non-government agencies sponsor events like seminars and workshops.

- **Alumni contribute to the Institute by raising funds**

File Description	Documents
Upload any additional information	[View File]
Paste link for additional Information	[https://www.erode-sengunthar.ac.in/aqar2021/c6/c6.4/c6.4.3/1_Funds_Received_from_Government_Organizations/6.4.3_Academic_audit_20_21.pdf]

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC)

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up- gradation of Institutions of Higher Education, the Internal Quality Assurance Cell (IQAC) has been established in the College.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institution. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of the Institution. During the post-accreditation process, the IQAC will channelize all efforts and measures of the Institution towards promoting its academic excellence

IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes, the following two practices are the results of IQAC initiative

- **Collaborative linkages with Industry and Institutes of research:**

- **Coaching for competitive examinations**

- **Tapping of financial resources from UGC and other funding agencies:**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.erode-sengunthar.ac.in/iqac-members/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Teaching and Learning:

Diversity of Learners in respect of their background, abilities and other personal attributes will influence the extent of their learning. The teaching-learning modalities of the Institution are rendered to be relevant for the learner group. The learner-centered education through appropriate methodologies facilitates the effective learning. Faculties provide a variety of learning experiences, promoting individual and collaborative learning. The Faculties employ interactive and participatory approach creating a feeling of responsibility in learning and makes learning a process of building the knowledge.

The Institute follows the following methods to make sure the better teaching and learning process.

- **Academic Calendar**

- **Lesson plan**

- **Time Table**

- **Mentoring System**

- **Remedial Classes**

- **Assessment Tests**

- **Practical Courses**

- **Tutorial class**

- **Project works**

- **Knowledge Sharing Session**

- **Class Room Teaching**

- **Innovative teaching learning process**

- **Assignments**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://erode-sengunthar.ac.in/annual-report/](#)

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	[https://www.erode-sengunthar.ac.in/annual-report/](#)
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Response: Erode Sengunthar Engineering College has committeditself to the standard of gender fairness.

Curricular, Co-Curricular and Extra-Curricular Activities: The Institution provides platform for women empowerment.Programsand workshops with a specific focus on empowering and promoting participation of female faculty, Staffs and students areorganized throughout the year. Facilities on Campus: Safety and Security: 24 X 7 monitoring by security personnel. Around 128 CCTV Cameras are installed at strategic points inthe campus. Separate and secured hostel is available for femalestudents within the campus. Fire safety equipment'sare installed in all thelaboratories and corridors. First-Aid Kit is available in all laboratories and collegeoffice. Counselling:Individual counselling is offered through the mentor-menteesystem which works in the ratio of 1:20. Separate counselling rooms are available in the college campus and in the hostel for male and female students. Common Room: Conference Hall, Seminar Hall, Fitness Centre, Reading Roomin Library, Common waiting room in rest rooms and commonroom in Hostel are available. Day-Care Centre: Day-care centre is functioning for the children of facultyand staff members

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[https://erode-sengunthar.ac.in/women_empowerment_cell/](#)

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Hazardous waste management

Hazardous waste is waste that poses substantial threats to the public health or the environment. The Institute does not create any hazardous wastes. At the same time non-hazardous wastes are properly treated and discarded using the special treatment processes. The grey water is treated using aeration, filtration method and the same treated water is used for gardening purpose.

E-waste management

The Institution receives major E-waste through computer components and its associated accessories.

The components of computers such as CRTs may contain contaminants, which bio-accumulate in the environment and is extremely toxic to humans, in particular adversely affecting kidneys and bones. These kind of E-scrap materials are stored in a safe place till sufficient materials are collected. Then the collected E-scrap materials are sent for proper disposal.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	**A. Any 4 or all of the above**

water recycling Maintenance of water bodies and distribution system in the campus	

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institution has been taking several efforts and initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. By celebrating many

National and International Days of importance all the students and faculty members are reminded of harmony and culture of our nation. Many events through various clubs are organized to depict our culture, region, language, community harmony and socio economic balancing. Festivals of all the religions are celebrated in the Institution aims at bringing tolerance and harmony among the students and staff and other stakeholders. Observing various important day of importance kike Independence day, Republic day Gandhi Jayanthi etc bring patriotism and harmony among the student community.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Institute promotes different kinds of initiatives to sensitize the students and employees to the constitutional obligation by organizing various activities and few are listed below

· On 26th Nov 2019, Constitution day was celebrated. It narrated the fundamental rights, Duties, Values and responsibilities of citizens as stated in the Constitution of India.

· The Institution has introduced a compulsory paper Indian Constitution for our students in UG level of all engineering disciplines to create awareness and sensitizating the students and employees to constitution obligation.

· As a part of strengthening the democratic values, an awareness program on Voting is created to the nearby villages (Thudupathi and Seenapuram) to educate the students and the general public about the democracy.

· Every year Republic day is celebrated on Jann 26th , and Independence day on Aug 15th by organizing various cultural events and various completions on essay writing, debate, qui

etc highlighting the importance of Indian Constitution and National Integration.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates/ organizes national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among the people of India.

The Institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. All the Faculty, Staff and Students of the Institution join together to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness to the society.

- Republic Day
- Independence Day
- Engineers Day celebrations
- International Womens day celebrations
- Pongal celebrations
- Onam Festival
- Aydha Poojai / Saraswathi Poojai celebrations
- Teachers day celebrations
- National youth day

The Institute celebrates the above events and festivals throughvarious clubs with wide participation from the students andfaculty members. Competitions and rallies are held during theseevents to create awareness among the students and public. Awards are being given on Teachers' Day for special performance andresearch oriented activities for the benefit of efficientfaculty members. Various medical camps like Eye Camp, blood donation camp,mp etc. were organized to ensure thefitness of the students, faculty members and scavengers. Theinstitute provides a societal friendly environment byencouraging the students to visit orphanages and help theneedful people during the national memorial days. To ensure thecultural heritage, festivals like Pongal, Onam, Deepavali etc.were celebrated inside the college premises.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice: Digital Learning Process

Goal To make Faculty expertise in teaching learning process and develop effective self-directed learning skills for students.

The Practice

This program is designed in such a way that, lecture will be taken through PowerPoint / video presentation by faculties through Google meets. Faculties post assignments, questions, relevant articles, research and current knowledge and many more.

Evidence of Success

The improvement of the students can be traced and if there are no improvements, the students are helped in the areas that they are weak at, as per the report.

Title of the Practice: Mentoring System

Goal

To provide guidance and assistance to the student community to excel in their academic activities and to motivate them to participate in cocurriculur and extracurricular activities by understanding their attitude and situation.

The Practice

Students are identified as bright, average and below average based on their academic performance in internal examinations and end semester examinations. Mentor Mentee list is prepared in every department with the maximum ratio of 1:15.

Evidence of Success

Improved academic achievement, cocurriculur participation, extracurricular involvement, and overall discipline have been the results of prompt intervention.

File Description	Documents
Best practices in the Institutional website	https://www.erode-sengunthar.ac.in/best-practices/
Any other relevant information	https://erode-sengunthar.ac.in/aqar2021/c7/c7.2/7.2.1.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Vision

The Institution thrives to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society

Mission

The Institute strives continuously to

- **Create Positive difference to Society through Education**
- **Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds**
- **Build World Class Research and Development capabilities on par with the finest in the World and widen students horizons beyond Class Room Education**
- **Bring out Competent, Ethically Strong and Quality Professionals for the Benefit of the Society**

Most of the students studying in our college are from rural areas and from economically poor background, but they are not poor in talent and knowledge. In order to make them into holistic personalities, along with academic enrichment, number of activities are organized in the college so as students may get an opportunity to develop their potential. The Institution offers exposure to the students to get an opportunity to participate in every curricular, extracurricular and extension activities very actively. Various clubs, Professional Societies, associations in college offer students a platform to nurture and develop their soft skills. To reduce the gap between Academia and Industry the institute plans program like Industrial visits, expert talk, seminars, workshops,

Internship, Value added courses etc.

File Description	Documents
Appropriate link in the institutional website	https://www.erode-sengunthar.ac.in/priority-and-thrust/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **To start new UG Program in Computer Science and Design and M Tech Computer Science Engineering a 5 years integrated Course.**
- **To establish research centres in all the departments.**
- **To publish many no of quality papers in Scopus/SCI indexed journals**
- **To strengthen the Teaching Learning Process in both Online /offline Classes**
- **To incubate more industries in the College campus.**
- **To publish many no of Intellectual Property Rights**
- **To Strengthen the Alumni contribution**
- **To increase the number of student enrolment.**
- **To encourage the faculty to undertake more minor and major research projects.**
- **To conduct more programs to improve leadership and entrepreneurship qualities**
- **To improve the exposure of industrial experience by means of Internships /projects at Industries**
- **To motivate all the Faculty members to pursue doctoral degree.**
- **To ensure 100 percent placement and to enhance the quality of placement.**
- **To improve NIRF ranking and other rankings.**
- **To place more students in companies with higher packages.**