ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai, Accredited by National Board of Accreditation (NBA), New Delhi &

National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade

PERUNDURAI -638 057, TAMILNADU, INDIA.

Criterion VII – Institutional Values and Best Practices	
7.2	Best Practices
7.2.1	Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice – I

Title of the Practice: Outcome based Education through Effective Mentoring System

Goal

The quality of Technical education is measured by achieving the outcome based education

The Context

Our Institution is located in rural area and most of the students admitted are from rural background and are the first graduates in their family. The medium of instruction of the engineering course is English and since most of the students are from Tamil medium, they feel difficult to understand the classes and write the examination in English. Effective mentoring system was implemented in our Institution to motivate the slow learners in proper way to improve their academic performance and also the advanced learners are motivates to participated in all Co-curricular and extracurricular activities & various competitive examinations to improve their technical and non technical skills

The Practice

Bridge course is conducted to the students to understand the objective of the Programme and its scope. The regulation of the Programme and made them to realized the excel in their skills by utilizing the curriculum

will be discussed in detail in this course. After the bridge course, Orientation Programme is conducted to the students before their regular classes. There are three internal tests are conducted to assess their subject understanding. If they score less mark and are unable to understand the concept clearly, they are provided with remedial classes beyond the working hours, to clarify their doubts with the subject teacher and also necessary counseling is given to the students. Since, the individual attention is given to the students, they feel comfortable and their performance is appreciable in the tests. Some coaching tests and one model exams are also being conducted on every semester. As a result, the students have a good understanding of the subject and they succeed in the final semester examinations.

The advanced learners are motivates to participated in all Co-curricular and extracurricular activities & various competitive examinations to improve their technical and non technical skills

Evidence of Success

In reviewing the student's results after the first semester, it is noticeable that their performance is better than that of the initial stage. This is reflected consecutively in the university examination results.

And the advanced learners were participated in various co-curricular and extracurricular activities and also participated in various competitive examinations

Problems Encountered and Resources Required

➢ The students feel that they are attending classes continuously for a long period.

➢ Day Scholars feel difficult to reach home in time after evening classes.

➢ Students are less attentive during the evening classes.

➢ Additional workload for faculty members.

➢ Some students feel that daily tests are more effective than conducting only 3 internal tests

➢ Refreshment is provided to the staff and students in the hostel mess.

Contact Details

Name of the Principal: Dr. V. Venkatachalam

Name of the Institution: Erode Sengunthar Engineering College, Perundurai, Erode – 638057

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

E mail id: esecprincipal@gmail.com

Phone Number: 04294 232701,232702

Mobile Number: 9442132701

Best Practice – II

Title of the Practice: To create Industry ready graduates by giving Soft Skills, Technology Based Training and Research Skills

Goal

To develop a high quality skilled students relevant to current and emerging employment market needs of industry, separate coordinators have been nominated for placement, technical, industry and research wings.

The following are the goals:

➢ To strengthen the communication skills

➢ To learn Problem solving, interpersonal and interview skills

➢ To provide platform to students to interact with industry experts

➢ To get Internship and In plant training

➢ To strengthen Industry Institute Interaction

➢ To learn the emerging technology

➢ To develop Software and Commercial Products

➢ To promote Research Activities through Competitions

➢ To encourage Publications, Patents and Copy Right

➢ To facilitate Consultancy and Funded Projects

➢ To develop Entrepreneurship Skills through Entrepreneurship Development Cell(EDC)

The Context

There is a need to fulfill the gap between curriculum and industry need and Hence, an effective paradigm has been prepared in our college to create our students to become an industry ready. Students have to learn recent industrial related problems and give solutions for developing the product through this best practice. Thereby students are trained for placements and also to become an Entrepreneur.

The Practice

➢ An hour for learning communication and aptitude skills is included in the academic schedule where the placement coordinators monitor the execution. In the regular time table, four to six hours have been allocated to soft skill training and aptitude training for each class.

➢ Technical Coordinators have been nominated to make the students to learn their programming skills for software companies.

➢ Industry Coordinators have been nominated to help the students to get Internship, In-plant Training and to visit industry monthly based on subjects for enhancing the Industry –Institute activities.

➢ Research Coordinators have been nominated to write Project Proposals, guide the students to convert the Project into prototype/product, patents, to do consultancy works, guide the faculty members and students to apply their ideas to various funding agencies for implementing the projects and also directing the students to participate in various competitions.

➢ Experts are invited for talks and interaction in each technical clubs and also through senior/alumni interaction classes.

➢ Through Centre of Excellence, technology based training is provided during evening classes and projects are undertaken.

➢ Value added courses are conducted

➢ Guidance for GATE, GRE, CAT,TOEFL is given in every month.

Evidence of Success

➢ Students are showing involvement in placements, research, higher education and entrepreneurship through these training activities.

➢ Every year, our placement team providing 90% and above job opportunities to students in various reputed MNCs like TCS, Infosys, Wipro, CTS, Zoho, Accenture, etc.,

➢ Students are having coding knowledge for developing solutions for any problems.

➢ Students are attending industry internships through online and offline mode.

➢ Anna University has approved the research centre for the Department of Physics, Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering departments

➢ Publication of research papers in reputed journals are improving.

➢ Received various funds for organizing workshops/seminars/science exhibition/Entrepreneurship. various patents, industrial designs and copyrights have been filed .

➢ Our student's projects have been selected under Smart India Hackathan, TNSCST, and other various funding agencies.

➢ Faculty members have registered for Ph.D., in reputed Universities.

➢ Signed Memorandum of Understanding (MoU) in various industries.

➢ Research is cultivated in the college by strengthening infrastructure facilities in the laboratories and the library.

➢ Receiving funds from various funding agencies for doing projects,organizing seminars, workshops, FDPs , STTPs, & conference

Problems Encountered and Resources Required

➢ Allocating exclusive working hours for all training activities by balancing the academics are challenging.

➢ Core company placements to be improved for non circuit braches.

Contact Details

Name of the Principal: Dr. V. Venkatachalam

Name of the Institution: Erode Sengunthar Engineering College, Perundurai, Erode – 638057

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

E mail id: esecprincipal@gmail.com

Phone Number: 04294 232701,232702

Mobile Number: 9442132701