EASWARI ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY
RAMAPURAM CHENNAI

DEPARTMENT OF MECHANICAL ENGINEERING

NEWS LETTER

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JULY – SEPTEMBER 2023

STUDENT EDITORS

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VISION

To be an acknowledged leader in imparting Mechanical Engineering education, research and be a recognized resource center for industry and society

MISSION

M1:To make the students understand the basic and advanced Engineering concepts in the core fields of Mechanical Engineering through Under-Graduate and Post-Graduate Courses.

M2:To prepare the students and expose them to the basic and applied research, thus fostering creativity through recognized research canters.

M3:To make the students undergo training in the Industries, identify the current problems and solve them with multidisciplinary and professional approach.

M4:To prepare the students to integrate Engineering with business that encourages technological commercialization by inviting eminent entrepreneurs for seminars and workshops.

M5:To make the students do application oriented projects which identify the current problems, solving them and thus contribute to the societal needs.

M6:To inculcate the value of ethics, lifelong learning and widening the knowledge frontiers through long term interaction with other academia and industry.

PROGRAM OUTCOMES (PO)

PO1: **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: **The Engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent

PO7: **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

PEO1: Our graduates will have fundamental technical knowledge and develop core competency in diversified areas of Mechanical Engineering along with Mathematics, Science and other allied engineering subjects in a view to expand the knowledge horizon and inculcate lifelong learning.

PEO2: A fraction of our graduates will pursue advanced studies, research and develop products in the field of Mechanical engineering by developing partnerships with industrial and research agencies thereby serving the needs of the industry, government, society and scientific community.

PEO3: Our graduates will be capable of building their own career upon a solid foundation of knowledge and with a strong sense of responsibility serve their profession and society ethically.

PEO4: Our graduates will be prolific professionals with effective communication, leadership, teaming, problem solving, decision making skills by understanding contemporary issues and improve their overall personality for career development

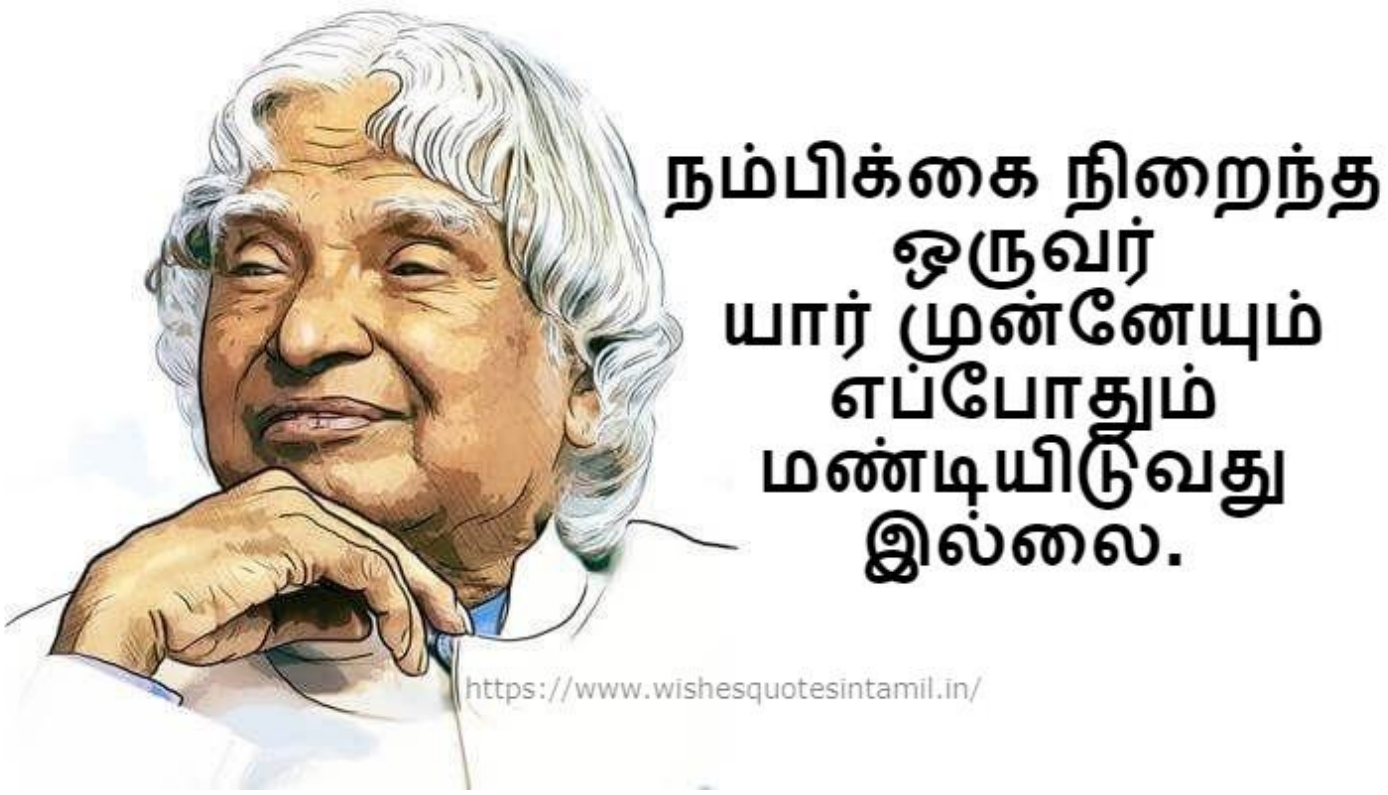
. PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Students will be competent in design and analysis of thermal and fluid systems.

PSO2: Students will possess the skill to apply design concepts for mechanical structures and systems.

PSO3: Students will be able to design and develop industrial products using modern machines in the field of manufacturing.

PSO4: Students will be able to use software to solve structural, thermal, fluid and manufacturing problems.


நம்பிக்கை நிறைந்த
ஒருவர்
யார் முன்னேயும்
எப்போதும்
மண்டியிடுவது
இல்லை.
https://www.wishesquotesintamil.in/

LIST OF ACTIVITES CONDUCTED (JULY - SEPTEMBER)

SL.No	Date of the Activity	Name of the Activity	Resource Person
1	14.08.2023	MOU Signing Ceremony	Schwing Stetter, India

MEMORANDUM OF UNDERSTANDING BETWEEN EASWARI ENGINEERING COLLEGE AND CHWING STETTER (INDIA) PVT. LTD

Topic : MOU Signing Ceremony

Date : 14-08-2023

Time : 11:00 AM

Venue : Easwari engineering college

Easwari Engineering College, having its campus at No.4, Bharathi Salai, Ramapuram, Chennai 600089, represented by its Chairman, Dr. R Shivakumar. This Memorandum of Understanding (MoU) is executed on 14.08.2023 between SCHWING Stetter (India) Pvt. Limited having its Registered off ice at F-71, SIPCOT Industrial Park, Irungattukottai, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu-602117- represented by its Chairman & Managing Director Mr .V. G. Sakthikumar.

THIS MEMORANDUM WITNESS

1. SCHWING Stetter (India) Pvt. Limited (SSIPL) will extend the technical facilities available at their premises to provide one year On the Job Training (OJT) for select students as "Engineering Interns" who are studying Engineering under any stream like Civil, Mechanical, Electrical, Electronics and Communication, Robotics and Automation, Automobile, etc. in Easwari Engineering College (EEC).
2. In the first phase, 30 students will be taken who are in the last year of their degree program – 7th and 8th Semester.
3. EEC will create the student's curriculum as per UGC requirement and SSIPL will support in imparting the OJT
4. EEC will pay Rs.10,000/- per month per Engineering Intern directly as stipend. On submission of the Invoice along with the proof, SSIPL will reimburse the same. The stipend should be paid through the students' banks account

5. EEC will ensure that all students who are covered under the Group Medical Policy for a policy value of Rs.1 Lakh throughout their training period. EEC to share the policy copies of the students, based on which the approval for Engineering Internship will be accorded by SSIPL
6. It is mutually agreed that SSIPL will not be responsible for any accidents(s) caused to the Engineering Interns due to their negligence, carelessness or any other reason.
7. EEC will provide technical support / consultancy to SSIPL as and when required, and on a case-to-case basis, with mutually agreed terms and conditions.
8. EEC will inform, involve or Collaborate with SSIPL in any technical program to be conducted by the College, which will be of any interest, relevant and beneficial to SSIPL


THANK
YOU