EASWARI ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)
BHARATHI SALAI, RAMAPURAM, CHENNAI 600089

DEPARTMENT
OF
CSE

CONNECTRIX
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EASWARI ENGINEERING COLLEGE
AUTONOMOUS

AUTONOMOUS

COMPUTER SCIENCE AND ENGINEERING

VISION

To impart quality education in the field of computer science and engineering and to provide graduates with technical skills enabling them to contribute to the society by solving real world problems and to become a centre of excellence for advanced computing.

MISSION

M1. To provide strong foundation in computer science and engineering and in problem solving techniques to become successful professionals in the field of computing and prepare them for higher education.

M2. To provide students with latest skills in the field of computer science and engineering and to realize the importance of life-long learning.

M3. To produce graduates with the ability to participate in interdisciplinary collaborations and apply recent computing tools and technologies in new domains and industry.

M4. To produce graduates capable of ethically and responsibly approaching and committing themselves to the social impact of computing.

M5. To prepare students to communicate effectively and exhibit leadership qualities to work on diverse project teams.

M6. To provide research environment for students and faculty to undertake inter-disciplinary research in emerging areas.

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- Tamil Pattimandram

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PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1

Graduates will possess the ability to think logically and have capacity to understand technical problems and to design optimal solutions for a successful career in industry, academia and research.

PEO 2

Graduates will have foundation in mathematical, scientific and computer science and engineering fundamentals necessary to formulate, analyze and solve engineering problems.

PEO 3

Graduates will have the potential to apply their expertise and current technologies across multiple disciplines to solve real world challenges and research issues.

PEO 4

Graduates will have the ability to work as a team and will be able to promote the design and implementation of products and services with an understanding of its impact on economical, environmental, ethical, and societal considerations through their strong interpersonal skills, leadership quality and entrepreneurial skills.

PEO 5

Graduates will possess an urge to learn continuously and to be responsive to the demands of the progressive industrial world by carrying out researches in frontier areas of computer science and engineering.

PROGRAMME SPECIFIC OUTCOMES

PSO 1

Analyze , design and develop computing solutions by applying foundational concepts of computer science and engineering.

PSO 2

Apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 3

Adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/ novel problems.

PROGRAMME OUTCOMES

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

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

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.

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.

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.

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

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.

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

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

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.

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.

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.

STUDENTS AND FACULTIES ACHIEVEMENTS & AWARDS

METAFEST'23

M Vishnuvardhan of III year CSE C won first prize in the event "Solo Instrumental (keyboard)" in METAFEST'23 organized by Madras Institute of Technology (MIT), chennai on 03.03.2023 .

"IT IS DURING OUR DARKEST MOMENTS THAT WE MUST FOCUS TO SEE THE LIGHT."

-ARISTOTLE

RANORA'23

M Vishnuvardhan (III year CSE) won First prize in the event "Solo Instrumental (Keyboard)" in RANORA'23 organized by JEPPIAAR INSTITUTE OF TECHNOLOGY, Chennai on 21.03.2023

MR & MS DECATHLON 2023

Shakthi Priya from III year CSE C has bagged gold in junior category in the 83 kg Weight class at the 55 at Tamil Nadu state level bench press championship held on 12th March at Ramee Mall, Chennai .
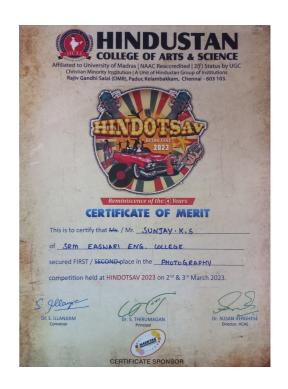
Shakthi Priya from III year CSE C has bagged silver in senior category in the 83 kg Weight class at the 60 at Tamil Nadu state level bench press championship .

HINDOTSAV'2023

Sunjay KS from II year CSE has won First prize in Photography HINDOTSAV2023 organised by Hindustan College of Arts and Science , Chennai on 2.03.2023 and 03.03.2023

TECHRIDE PROJECT EXPO

Deexith P, Devesh R, and Aadhithya R, from III year CSE A has won second place in Techride Project Expo with a cash price of Rs.1,000 on a topic of "Vatta Vettattam" on 23rd March 2023 .

Venue: E&I Department Easwari Engineering College.

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>
> -ARISTOTLE

TROJANS'2023

Malavika Nair Pambadiyil, N. Murali Krishnan, G. Poojaa from II year CSE has won 2nd place in Clever Bot (Technical event) in a national level symposium organised by the Department of Information Technology of Chennai Institute Of Technology

TECHBLAZE'23

Praiseline J, Pooja B from II year CSE has participated and won 2nd place in Web Designing in Tecblaze'23 and, A National level Technical Symposium conducted by the Department of Computer Science and Applications of SRM Institute of Science and Technology, Ramapuram.

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>
> **-ARISTOTLE**

TECHRIDE'23

Praiseline J, Pooja B from II year CSE has participated and won 2nd place in Techspin(Technical event) and in Techride'23 conducted by the Department of Electronics and Instrumentation Engineering of Easwari Engineering College in collaboration with the *International Society of Automation.

TECHRIDE'23

Radhika Swaminathan, Mohammed Anees P V from II year CSE has Won 1st Place in CodeNinja, a technical event in TECHRIDE'23 organised by the Department of Electronics and Instrumentation Engineering of Easwari Engineering College, in collaboration with the *International Society of Automation.

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PINNACLE'23

Radhika Swaminathan, Kavya Sundara Moorthy, PVS Deepti from II year CSE has Won 1st Place in TechTangle, a technical event in PINNACLE'23, a National Level Technical Symosium organised by the Department of Information Technology of Easwari Engineering College.

THAILEX'23

Praiseline J, Pooja B ,Poojaa G from II year CSE has won 1st place in Techons (technical event) in Thailex'23 , A national level Technical Symposium conducted by the Department of Computer Science and Engineering and Artificial intelligence and Data Science Engineering of Velammal Institute of Technology.

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VANAKKAM

Our department faculty , Mr.K Shankar has received the best faculty award from the "Vanakkam" , Human development corporation in association with "Oneyes" on 18th March 2023.

தமிழ் மன்றம்-தமிழ் திருவிழா

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