

Easwari Engineering College comes under the SRM group of Institutions, affiliated to Anna University, Chennai and Government of Tamil Nadu. The College was established in 1996.

The College is located at Ramapuram, well within the city and 5 kms from Airport. The College has good infrastructure facilities including several multi- storeyed buildings, library, open-air / closed auditoria, sports grounds, hostels, etc.

I am delighted to inform you that a total of 2024 new graduands who stand before you have undergone a comprehensive academic programme. Amongst them, there are 1732 UG graduands, 278 PG graduands and 14 Doctorates. These young graduands are now enjoying the fruits of their hard work and are ready to serve the nation and world at large.

I congratulate all the graduands, medal winners and wish them success in all their endeavors. I also enthruse them to continue their interactions and engagement with the alma matter, in the years to come.

ACADEMIC PROGRAMS

Our college is offering 18 programmes which include 12 Undergraduate Programmes in “Engineering and Technology” and 6 Post Graduate Programmes. Also, 10 Departments are recognised as Research Nodal Centre. Our institution is affiliated to Anna University, Chennai since 2002. The institution is accredited by NAAC with “A” grade and 7 UG programs are accredited by NBA. Also, the institution is ISO 9001:2015 certified by TUV SUD, South Asia

The following UG and PG programmes are offered in our College.

UG

- ▶ Automobile Engineering
- ▶ Biomedical Engineering
- ▶ Civil Engineering
- ▶ Computer Science and Engineering
- ▶ Computer Science and Engineering
(Artificial Intelligence and Machine Learning)
- ▶ Computer Science and Engineering (Cyber Security)
- ▶ Electrical and Electronics Engineering
- ▶ Electronics and Communication Engineering
- ▶ Mechanical Engineering
- ▶ Robotics and Automation Engineering
- ▶ Artificial Intelligence and Data Science
- ▶ Information and Technology

PG

- ▶ Computer Science and Engineering
- ▶ Communication Systems
- ▶ Embedded System Technologies
- ▶ Structural Engineering
- ▶ Engineering Design
- ▶ Master of Business Administration

Nodal Research Centre

- ▶ Automobile Engineering
- ▶ Civil Engineering
- ▶ Computer Science and Engineering
- ▶ Electrical and Electronics Engineering
- ▶ Electronics and Communication Engineering
- ▶ Mechanical Engineering
- ▶ Mathematics
- ▶ Physics
- ▶ Chemistry
- ▶ English

INFRASTRUCTURE

The institution provides excellent infrastructure for the execution of academic, co-curricular and extra-curricular activities. The classrooms are equipped with LCD Projectors, Internet and Intranet connectivity. The library is housed in two mezzanine floors and is **KOHA** enabled.

It is well stocked with 21,480 titles, 79,930 volumes and over 1,614 online e-journals with 114 print journals. It has the space of 2,100 square feet with the seating capacity of 350 students. It has ICT based teaching facility with two audio visual halls with the capacity of 120 students. Our Central library has a registered NDLI Club to facilitate learning among students through activities at national level. Also, it has DELNET membership which has world

e-Book library with sharing of resources among the libraries through the development of a network of libraries.

E-Yantra Lab has been established in collaboration with MHRD, IIT - Mumbai and Texas instruments. Advanced Structural laboratory and Virtual Instrumentation Laboratory has been established at a cost of Rs.66 Lakhs and Rs.19 Lakhs respectively. AI lab is set at the cost of Rs. 1.69 crores and Robotics lab at the cost of 1.2 crores.

Industry Supported Lab introduced for UG Civil Engineering Students as a part of curriculum in 6th semester Regulation 2019 as MEP Services Laboratory established with the grant of around Rs.28 Lakhs from 32 companies.

Around 2,500 square feet make up the FAB LAB. Civil construction is finished, and it is being augmented with the necessary infrastructural equipment.

Ambulances, Medical practitioner, multi speciality hospital near campus with 150 beds are in readiness for use as and when the need arises.

Green environment consciousness is ensured with Sewage Treatment Plant, Recycling plants and Rainwater harvesting in all buildings and with more than 700 trees here on campus.

The college campus and hostels are Wi-Fi enabled with excellent internet connection of 1Tbps (1:1) primary service.

INSTITUTIONAL ACHIEVEMENTS

Institution received “Autonomous” status by UGC in the year 2019.

Easwari Engineering College NIRF Ranking by MHRD, India for the years,

- In 2023-151-200 Band
- In 2022 – 181th Rank
- In 2021 - 189th Rank

AICTE – CII Industry Linked Survey 2021- 2nd rank under Electrical Engineering and Allied and 3rd rank under Electronics Engineering and Allied Institution received Award of Excellence for Performance – PALS IIT Madras in the Year 2021-2022.

Easwari Engineering College received All India 76th Rank out of 1127 Participation Across India and received 25th Zonal Rank out of 488 Participating College Across South Zone by Internshala, 151-300 Band in ATAL ranking, 4 star rating for the IIC (Institutional Innovation Council) in the year 2021-2022, AAAA grade by careers 360.

MBA-Ranked 155th - Best B School in India by THE WEEK and Ranked 5th - Best B School in Chennai by THE WEEK

MBA Ranked 201th - Best B School in India by BUSINESS TODAY and Secured 24th position among India's Best B School ranking 2021 in South Zone Ranked by OUTLOOK.

Easwari Engineering College has received a fund of Rs. 20 lakhs from AICTE under SAMRIDDHI SCHEME. 9 start-up teams were established through this scheme from various departments.

AICTE has sanctioned a Grant-in aid of Rs. 25 Lakhs to Easwari Engineering College under the Scheme of Share & Mentor Institution (Margdarshan) to improve the quality parameters of Mentee Institutes so that over a period of time, the programs of the mentee institutes will get accreditation by NBA.

We thank AICTE for providing opportunities and funding under various schemes like RPS, MODROBS, SPICES, KARMA, NITTT, PMKVY etc.,

Ashok Leyland Limited, Hosur, CREDAI Chennai and SCHWING SETTER PVT LTD provided "One year student on the job training (OJT)", to the final year students with a stipend. Many organizations like SANSEL, KEYSTONE, ZOHO also provide long duration Industry engagement. Internships are mandatory in our Regulations. We have implemented Internships very well and rated by Internshala at All India 76th position. In Easwari Industry connect happens from 1 hour to 1 year.

INSTITUTIONAL ACTIVITIES

The Institution offers opportunities to the students to participate in various professional societies such as ISTE, IETE, IEEE, ISA, CSI, SAE, ACE, ISRAC, MMA, ICI, IE, IET, SECE, ACM, SAIT, ISHRAE, SME and student clubs such as NSS, YRC, ROTARACT, YUGA, Google Student Club, Energy club, Green Energy Club, Free and Open Source Software club, Electronics Hobby club.

One Week Online training program for mentee Institutions under “AICTE – Margdarshan Scheme “from 26.07.2021 to 31.07.2021

Webinar for celebration of Completion of 1 year Transformative Reforms under National Education Policy -2020 in “Quality Education, Accreditation and Teacher Development” on 06.08.2021.

Webinar for celebration of Completion of 1 year Transformative Reforms under New Education Policy -2020 in “Research Innovation and Ranking” on 11.08.2021.

Webinar for celebration of Completion of 1 year Transformative Reforms under New Education Policy -2020 ”on 3.08.2021.

The Campus Life of EEC the student body of Easwari Engineering College, actively conducted and organised cultural events and other events like splash, Virtuosity which comprised of competitions, Tamil poetry writing, quiz and many more. Navratri, Pongal, Christmas celebrations also took place in remarkable fashion. Women’s Day and International day of

Yoga celebration were also conducted.

As a part of Outreach programme, Project Day 2022 & 2023 was conducted.

PLACEMENT AND HIGHER STUDIES

Our placement record is consistently 98%. During the year 2021-22, 1004 students and 2021-2022, 1078 students have been placed, 350 companies have visited for recruitment Students received highest placement in leading IT and Core Companies with salary package ranging from 10 lakhs to 44 lakhs per annum.

More than 20% of students graduating from our institution are admitted for Master's programme at prestigious Universities abroad such as

- ▶ Imperial College, UK
- ▶ Georgia Tech, USA
- ▶ University of Florida, USA
- ▶ Carnegie Melon University, USA
- ▶ University of Minnesota, USA
- ▶ University of Texas, USA
- ▶ University of Illinois, USA
- ▶ University of Buffalo, USA
- ▶ Technical University of Berlin, Germany

- ▶ Jamescook University, Australia
- ▶ University of Ottawa, Canada
- ▶ Deakin University, Australia
- ▶ National University of Singapore, Singapore
- ▶ University of Bedford Shire, UK.
- ▶ Uppsala University, Sweden.
- ▶ Ecole Centrale DeNates, France.
- ▶ University of Hertfordshire, UK
- ▶ University of Cincinnati, USA
- ▶ University of Maryland, Baltimore County

ALUMNI

A strong Alumni network ensures that frequent interactions take place with Alumni guest on current topics, process of admission for higher studies and placement opportunities. Alumni also conduct mock interviews. Our Alumni are contributing in Defence, Central and State Public Services, Software, Educational and Cultural Core Industries.

MOUs

- ▶ International MoU's has been signed between SRM Group of Institutions and Foreign Universities in SriLanka, Malaysia and France. More than 50 MOUs are in active utilization.
- ▶ International MoU in collaboration with Sri Lanks Technological Campus (SLTC), Ministry of Sri Lanka on 02.09.2020

- ▶ International MoU has been signed between SRM Group of Institutions and Putra Inteltek International College, Malaysia
- ▶ International MoU has been signed between SRM Group of Institutions and SEGi Group of Colleges
- ▶ International MoU has been signed between SRM Group of Institutions and Crew Lounge, Malaysia
- ▶ Memorandums of Understanding (MoU) have also been signed with leading industries like Ashok Leyland Ltd, International Skill development Corporation, Internshala

- ▶ MoU's signed with Regional Directorate of Skill Development and Entrepreneurship, Chennai, Voltech Engineers Private Ltd., Padmavahini Transformers Private Ltd., Indian Green Building Council, National Highway Authority of India (NHAI), Edgate Technologies Private Ltd., Copper Cloud, Redhat, Ophel Computing, Prag Robotics Private Limited, Sansel Instruments and Controls Keystone Automations Solutions Pvt. Ltd.

- ▶ Signed MoU with Indian Skill Plumbing Council (ISPC), for Training Students in MEP (Mechanical Electrical Plumbing) Services.

- ▶ Tie-up with NSDC approved training institutions.

STUDENT ACHIEVEMENTS

- ▶ P.R.I.D.E (Project Research Internship Design Entrepreneurship)
Activities: A group formed to exchange ideas on concepts to encourage students to participate in national level technical competitions, do innovative design projects and to promote entrepreneurship, thereby improving the overall caliber of students.
- ▶ More than 5500 students participated in various National and International level Hackathons, Marathons, Codathons and Innovative Project competitions. Students won more than 750+ Awards and Prizes.
- ▶ Three consecutive years (2020, 2021 and 2022) 9 of our students won Excellent award in e-SIM MARATHON-using SKYWATER 130nm Technology.
- ▶ Two Batches of our students won Winning awards in SMART INDIA HACKATHON -2022
- ▶ Ten batches Won First Prize in PALS ANALYZE, PAL INNOVA, and in PALS NEXO -Project competition in IIT MADRAS.

- ▶ One batch won first prize in CIVILIZATION 2022 – Conducted by Anna University, Chennai.
- ▶ In IIT Aakaar – National Symposium-2023, students won five awards: Project Display, Paper Presentation, MSE Wall Construction competition, Best College Representative Award
- ▶ Padma Dev E of B.Tech IT secured winner position at National Level in COVID 19 Bioinformatics Hackathon for Full Stackers ” Organized by IIT Bombay and Anna University in 2021. Awarded cash prize of Rs.50,000 and International Internship Fellowship to work in Climate Smart Technologies till 2022.
- ▶ Krishnamoorthy, R, Aakah M, Yogapriya B, Samyuktha Shruti Priya DM - ECE Department National Level Winner in Esim Circuit Design Marathon Using Skywater 130 nm PDK, July 2021
- ▶ Amudha M, Akila R B, Darshini S, Indhuja KS, Ishwariya R of EEE Department won of 3rd Prize among 107 Teams from India and Abroad in Innovative Futuristic Product Prototype International Challenge conducted by Sikkim Manipal Institute of Technology.
- ▶ Kripa Hariharan N S, Khizar Basha M, Prashanth G U of Mechanical Department secured III position at National Level Online Yugam India Ideathon 2021.
- ▶ Ms Anjana Suresh of III year IT dept. secured a position among the Top 9 Finalists of the National Design Challenge "Design for a Sustainable India" organized by NASSCOM, in association with Adobe.

- ▶ B.Akash Hari of EEE Department selected for Ph.D in Electrical Engineering at University of Central Florida in 2021 and received a fellowship of \$88,000.
- ▶ CSE team "Hack 'N' Whack" participated in Finals Smart India Hackathon in Mumbai and won the "We School Inspiration Award" with cash prize of Rs. 25,000/-. ECE team received the Best Competency Award.
- ▶ Students of BME and AID&S department won first prize in PALS – NEXGEN 3D Hackathon 2021 and, received cash prize of Rs. 4000/- for the project titled “Design of Human Prosthetic Hand”
- ▶ Two of our ISHRAE AQUEST Teams received 2nd and 3rd Prize in Chapter Level Quiz Competition and qualified for National level Quiz.
- ▶ Department of AI&DS brought into a Professional chapter -Google Developer Student Club to EEC Campus.
- ▶ Mohanraj R, student of Mechanical Engineering Department received Best NSS Volunteer Award-State University Level NSS Award for the year 2020-21.
- ▶ AZADI KA AMRIT MAHOTSAV, Arteries of New India - Highways & Roads to the Future, “Tree Plantation Drive” organized by Project Implementation Unit (PIU-Chennai) under National Highways Authority of India (NHAI) Regional office, Chennai on 17th July 2022 (Sunday) near Vanagaram Toll Plaza, Chennai Bypass (17/200 Km).

- ▶ 27 students from 3rd year & 4th year participated in Aakaar 2023 Organised by IIT Bombay on 18th-19th March, 2023 and secured 5 different prizes and awards, First Prize in Paper presentation, Second Prize in CENEX (Project Display), Second Prize & Third Prize MSE Wall Construction (on spot Technical Event) and received Best College Representative Award.

SPORTS & GAMES

- ▶ Our students have won Silver & Bronze Medal in 8th National Drop Roball Tournament held at Shirdi, Maharashtra organized by Drop Roball Association of Maharashtra.
- ▶ Our students represented Korf Ball World Championship held at Morocco from 19-08-2022 to 23-08-2022 secured 5th Position.
- ▶ Our student represented Anna University in KHELO India Swimming Championship held at Jain University, Karnataka Secured Silver medal in 4x100mts Men freestyle relay and Bronze medal in 50mts Men Breaststroke.
- ▶ Dharun Praveen.S of 3rd Mechanical Department student represented Korf Ball World Championship held at Morocco from 19-08-2022 to 23-08-2022 secured 5th Position.
- ▶ M.S.Yadesh Babu of 1st year Civil Engg. student represented Anna University in KHELO India Swimming Championship held at Jain University, Karnataka. Secured Silver medal in 4x100mts Men freestyle relay and Bronze medal in 50mts Men Breaststroke.

E-LEARNING

A total of 2092 NPTEL courses were completed by the students in the year 2023. In addition to this, 348 NPTEL courses were successfully completed by the faculty of Easwari Engineering college including, 40 student toppers and 31 faculty toppers, 16 certification with Gold Medal, 371 certification with Silver Medal. Easwari Engineering College is recognized as a Valuable Local Chapter with a rating of “AA” Easwari has ranked All India 48 in NPTEL Certification.

RESEARCH

Our institution is certified by SIRO and funded by FIST. The institution has received more than 5.5 crores of research funds from various funding agencies such as DST, DRDO, AERB, AICTE. Rs.3 crores worth funded projects have been successfully completed. Research proposals worth 1 crore is in pipeline.

- ▶ Dr. S. Vanaja of CSE (AIML) department has received a research grant worth Rs. 28.6 Lakhs from department of Science and Technology titled “Biocompatible Conductive Inks for Cost-Effective Fabrication of Microfluidic Wearable Sensors for

- ▶ Dr. Karpagam of EEE department has received a research grant of Rs. 17.0 Lakhs from Science and Engineering Research board under SERB TARE scheme for the research project titled “Condition monitoring of Power apparatus for Smart Grid”.
- ▶ Ms. Sandhia of IT department has received a research grant of Rs. 4.44 Lakhs from Indian council for Medical research for the research project titled “An association based deep learning framework for detecting COVID-19 disease patterns from bimodal clinical data”.
- ▶ Ms. P. Deepika and Ms. M. Sowmya of IT department has received a research grant of Rs. 4.1 Lakhs from Indian council for Medical research for the research project titled “Deep Learning Based Detection for COVID 19 Disease spread and Forecasting”.
- ▶ Dr. S. Kanaga Suba Raja of AI & DS department has received a funded project of 17 Lakhs from MSME titled “AI-based Vehicle Parking System for Smart Cities”.
- ▶ Dr. S. Sathiyamurthy, Department of Automobile Engineering has ongoing funded project of Rs.52.83 Lakhs fund from DST-WMT, for the project titled, “Development and Characterization of Paddy Straw and PALF (Pineapple Leaf Fibre) reinforced with Natural nano fillers added (GroundNut Shell and Boiled Egg shell) Polyester composites for Automobile and Structural applications”.

- ▶ Dr R. Ramadoss, Department of Mechanical Engineering has an ongoing funded project of Rs. 3.4 lakhs fund from TNSCST, for the project titled, “Formability study of titanium alloy TI-6AL-7NB at elevated temperatures for biomedical applications”.
- ▶ Dr. G. Rajkumar of Physics department has an ongoing funded project of Rs. 35.24 lakhs from SERB for the collaborative research project titled “Development of MinDenT® using Bioactive glass and Phytosphingosine for Dental Remineralisation Applications”.

CENTRAL RESEARCH FACILITY

The following research labs are set up to facilitate Central Research.

- **Synthesis and Characterization Lab**
- **Advanced Structures Lab**
- **Advanced Composites Lab**
- **Advanced Electrical Characterization Lab**

Research publications for the year 2023 in Scopus indexed journal is 327, SCI/WOS indexed journal is 102, Total Scopus Citations is 2127.

The scopus h-index of the institution is 40, google h index is 46, scopus i10 index is 177 and google i10 index is 284 in the year 2023.

Several awards have been presented to our faculty members.

“Certificate of Appreciation by The Academic Council of uLektz as one of the Top 50 Distinguished HoDs CSE / IT Department in Higher Education Across India”.

“Best performing Zonal Chair for Student activities under ISHRAE Student Chapter”.

“Young Researcher Award 2021 by Institute of Scholars (InSc) in the Second International Conference on Innovative Systems Control”.

“Recognized Senior Welding Inspector by American Welding Society”.

“Best Women Engineer award form Institutions of Engineers (IEI)”.
“Young Achiever Award 2022 from Institute of Researchers”.

“Certificate of Recognition Award for Publishing research paper in Anna University annexure listed Q1 journal from Centre for Research, Anna University”.

I sincerely thank each and every one for their contributions, encouragements, support and guidance.

I would like to conclude by saying that, we at Easwari Engineering College will continue to dream big and continue to be products of great thoughts and ambitions. We will grow from strength to strength. I would like to quote the words of Mahatma Gandhi that, “Champions are made from something they have deep inside of them - a desire, a dream, a vision” and wish all success for our graduands.