# Annual Report 2024–2025

**"Transformation begins with purpose, and excellence is achieved through persistence."**

The academic year 2024–2025 marked a transformative journey for Achariya College of Engineering Technology. Under the visionary leadership of our Chief Mentor, Dr. J. Arawindhan, M.D., we embraced change with clarity, innovation, and resilience. Our MD Sir's motto is to produce engineers not merely graduates for the betterment of society through Achariya.

With increased admissions, vibrant campus life, and strengthened student engagement, the institution has made remarkable strides. We proudly applied for NAAC Accreditation and proposed new academic programs to meet the evolving needs of industry and society.

**"Empowering minds, igniting innovation."**

Student clubs, forums, and institutional cells were revitalized, hosting numerous technical, cultural, and social events that nurtured leadership and creativity. We remain committed to our mission of academic excellence, social responsibility, and holistic development.

## BEST PRACTICES

- **Daily Campus Meditation Moments** are held at 12 noon, focusing on the major organs of the body to promote mindfulness and well-being.
- International Yoga Day is celebrated every year to encourage regular yoga practice among students.
- Shambala (Oneness Meditation) is observed on December 12th and 21st annually, while Maha Shambala is conducted every years to promote world peace and support social causes.
- To enhance **public oratory skills**, two minutes are dedicated daily in every class for consistent speech practice.
- One-to-one communication skill improvement sessions are conducted by faculty members.
- Students are encouraged to watch TED Talks and teacher presentations to boost speaking and presentation abilities.
- Emphasis is placed on practicing active listening as a fundamental communication skill.

## Inhouse Skill – Ignite Lab

- Provides hands-on learning, enhances employability, and encourages innovation among students.

- Offers mentorship for solving real industry problems, paving the way for startups and skill development.
- Supports research funding, bridges academia-industry gaps, and boosts institutional credibility and placements.

**Institutional Highlights:**

- Accredited with ISO 9001:2015 for Quality Management System.
- 37 ICT- Enabled Smart Class Rooms with SENSES board.
- Institutional member and Faculty chapter of Indian Society of Technical Education (Lifetime Member).
- Institutional Membership in the COMPUTER SOCIETY OF INDIA – Valid till 2027.
- Management Scholarships of more than 1 crore awarded annually.
- Green Campus Environment.
- In-house Industry setup established on campus and providing training for students.
- National Space Day 2024 organized in Association with the Indian Space Research Organisation (ISRO)

**NSS:**

**Health & Community Outreach**

- A Free Dental Camp was organized at ACET on 10th February 2025 to promote oral hygiene awareness among students and staff.
- A New Passport and Renewal Camp was held at ACET from 24th to 25th February 2025, facilitating document processing for students and faculty.
- An Awareness Talk on the Importance of Sleep was conducted on 10th March 2025, emphasizing mental well-being and healthy habits.
- A Basic Level Emergency Care Training Program was held from 21st to 24th March 2025, equipping participants with essential first-aid and life-saving techniques.
- Annaprasadam Distribution was carried out at Thirukanji Temple on 12th March 2025, as part of a community service initiative.

**7 Days NSS Special Camp at Uruvaiyar**

An NSS Special Camp was conducted at Uruvaiyar Village from 4th to 10th March 2025, involving volunteers in village development, cleanliness drives, and social awareness programs.

**Environment & Public Service**

- A Siddha Day Rally was organized at Villianur on 23rd December 2024, promoting the significance of traditional health systems.
- NSS volunteers contributed to Traffic Regulation and Crowd Management during the New Year celebrations at Veerampattinam, Ariyankuppam on 31st December 2024.
- A Rocky Beach Cleaning Drive and Environmental Awareness Competition was conducted on 15th February 2025, encouraging ecological responsibility.
- A Coastal Cleaning Drive at Rocky Beach took place on 30th March 2025, with enthusiastic participation from student volunteers.

## Cultural & Exhibition Events

Farm fest 25 which was held in the botanical garden was organized by The Department of Agriculture and Farmers' Welfare, Government of Puducherry.

## NSS Achievements

- **S. Loga Karthikeyan** (CSE III Year) represented ACET at the National NSS Camp held at Narasa Poor, Andhra Pradesh from 3rd to 9th February 2025.
- **J. Kirikaran** (CSE III Year) won First Prize in Group Folk Dance at the National Camp in Kanyakumari, held from 26th to 28th February 2025.
- **Loga Karthikeyan** and team won First Prize in the Miming Competition on Drug Awareness held at Saradha Gangatharan College on 3rd March 2025.

## Training and Placements

The Training and Placement Cell of Achariya College of Engineering & Technology has taken commendable steps to foster industry readiness and professional growth among students during the academic year 2024–2025.

- Out of 173 eligible students, 150 students secured job offers from reputed organizations, achieving an impressive overall placement percentage of 86% till date.

## Branch-wise Placement Statistics:

- Computer Science Engineering (CSE): 95 out of 109 placed (87%)
- Electronics & Communication Engineering (ECE): 29 out of 32 placed (90%)
- Electrical & Electronics Engineering (EEE): 15 out of 20 placed (75%)
- Mechanical Engineering (MECH): 10 out of 10 placed (100%)
- Civil Engineering: 1 out of 2 placed (50%)

**Top Recruiters:**

- Zoho
- Avasoft
- TCS
- Sutherland
- Integra
- Palle Technologies
- Q Spiders
- Claidas
- Mechair
- Spinks Softech Pvt. Ltd.
- Violin Technologies

A total of 16 companies participated in the placement drive, conducted through both on-campus and off-campus modes. Salary packages offered ranged from 2.4 LPA to 7 LPA.

**Industry Collaborations and MoUs**

To strengthen industry-institute interaction and promote holistic skill development, the cell signed a total of 19 MoUs with various reputed organizations and training institutions. i.e., & Audacious Dreams Foundation, ICT Academy, Penang State Government, Malaysia, DEXTRIS Info Services Pvt. Ltd etc.,.

Key MoUs:

- Commonwealth Youth Council (CYC) & Audacious Dreams Foundation – Focus on sustainable development and youth-driven innovation.
- Penang State Government, Malaysia – Promoting international academic partnerships.
- ICT Academy – Conducted hands-on training, seminars, and skill-based workshops.
- Garuda Aerospace Pvt. Ltd. – Introduced drone technology and aerospace-oriented programs.
- DEXTRIS Info Services Pvt. Ltd. & Echo Brains Technologies Pvt. Ltd. – Established Centres of Excellence (CoE) for technical upskilling.
- Jaures Career Solutions & SKILLSIN CORP – For industry collaboration and career-oriented skill enhancement.

Additionally, several skill development courses, orientation sessions, and certification programs were organized to prepare students for evolving industry needs.

**Training Partners:**

- Edunet Foundation
- Wildoo Education
- Synchronization of Knowledge & Information Network (S.K.I.N)… Etc..

These initiatives have significantly contributed to enhancing students' employability and preparing them for future career challenges.

**Faculty Achievements (All Departments) – Awards & Recognition**

It is a moment of immense pride and honour to highlight the remarkable achievements of Achariya College of Engineering Technology during the academic year 2024–2025.

- **Dr. J. Arawindhan**, Chief Mentor, was conferred with the **"Educational Change Maker Award"** at ICT BRIDGE – 2024 for his relentless efforts in transforming the education landscape.
- **Dr. S. Gurulingam**, Principal, received the **"Change Maker Award"** at the Making India Employable Awards and Conference – 2024 in Mumbai for his outstanding academic leadership.
- **ACET** – Our College was honoured with the **"Excellence in Higher Education" award** at the same national platform, recognizing the institution's commitment to quality education and academic innovation.
- **ACET** secured the **"Best Social Media Engagement" award** in an intercollegiate competition organized by the **State NSS and Shikshagraha – 2024**, focused on the development of Puducherry Government Schools.
- **Prof. F.D. Anfinston** (ECE) was awarded the **Nanneri Aasiriyar Viruthu – 2024** for excellence in teaching.
- **Mr. V. Anandakumar** (EEE) received the **Nanneri Asiriyar Award** for educational excellence.
- **Dr. G. Anand** (Mechanical) was recognized with the **Best Coordinator Award** from ICT Academy and the **Golden Star Award** from NPTEL.

**Students Achievements:**

- **Ms. S. Saranya Devi**, final-year Mechanical Engineering student, received the **"Rising Star Award"** at the Making India Employable Awards and Conference – 2024 for her exceptional potential and all-round excellence.

- **Pratyusha Kumar Pati** of III AI&DS – **1st Place** in **YUVA Future 4.0**, State-Level Road Safety Summit at **VIT, Vellore** and Top 5 All over India -**Regional Level in Bhopal** representing the Puducherry Chapter.

- Sathiyaraj, Murali Karthick and Aadhi Karthik of III year ECE Secured **11th Rank** in **"Odoo X Gujarat Hackathon 2K25."**

- Sheik Javith and Soudha Begam of III CSE Achieved **3rd Prize (Rs. 30,000)** in **TECHNOVATE FOR INDIA**, a Times of India initiative.

- Ms. Dhanusiya of I B.Tech Mechanical **secured the first prize and received internship and project development sponsorship** in the **National Level Hackathon organized by ACET in association with ONENESS** Out of 157 project Submission.

- III year CSE Students Earned **Best Team Award** in the **Hackathon conducted at ACET**

- Ms.Saranya devi of Final year Mechanical students Secured victories in **Hackathons** and participated in **India Design Week**.

- Krishna Diwakar and Mohamad Imran of III CSE Won **1st Prize (Rs. 5,000)** in **EUREKA 4.0** – National Science Day Celebration.

- **Sakthivel** – **1st Prize** in **Project Contest** at **Mailam Engineering College**.

- **Sreepadh Krishnan** – Received **Best Team Certificate** in **Hackathon**.

- **Dhushyanth & Team** – **2nd Prize** in **EUREKA 4.0**.

**Sports:**

**National Level Achievements:**

- Mr. S. Naraina (CSE I) and Mr. A. Abdul Rizwan (MECH I) represented the college in the Junior National Level Hockey Tournament.
- Ms. Akshaya Deepa (CSE I) participated in the National Level Throwball Tournament.
- Ms. Amirtha (ECE II) and Mr. Milan (CSE I) took part in the National Level Taekwondo Tournament.
- Ms. Keerthana and Ms. Jeyalakshmi (ECE II) won gold medals in the National Level Karate Tournament.
- Six students from AI&DS III year participated in the National Level Pickle Ball Tournament.
- Ms. Jayalakshmi (ECE II) secured a gold medal in the National Level Silambam Tournament.

- Ms. Sudharshana (AI&DS II) represented the college in the National Level Tennis Ball Cricket Tournament.
- Mr. E. Rajesh (CSE II) participated national level in both Powerlifting and Weightlifting tournaments.

**State Level Achievements:**

- Students won multiple medals in Karate, Taekwondo, Silambam, Powerlifting, Weightlifting, and Athletics at the state level.
- Mr. S. Mugeshwaran (AI&DS I) won gold medals in relay and high jump, and silver medals in the 200m and 400m races.
- Mr. E. Rajesh (CSE II) earned gold medals in both Powerlifting and Weightlifting tournaments.

**Inter-University & Inter-Collegiate Achievements:**

- The Throwball team secured the runner-up position at the Inter-Collegiate level.
- The Weightlifting team won the Overall Championship.
- The Taekwondo team was declared Overall Runner-up.

**Programs Organized:**

- National Sports Day was celebrated on August 29, and International Yoga Day on June 21.
- The college hosted School and College Level Hockey Tournaments, University Hockey Camps, and National Level Selection Trials.
- Several tournaments were jointly organized in collaboration with Pondicherry University.
- More than 15 students received sports quota scholarships during the academic year.

**Research & Innovation**:

- **Department of Mech, ECE and S&H filed multiple patents including:**
    - Cardiovascular Mechanical Device
    - AI-based Skin Cancer Detection (ECE)
    - Mechanically Operated Prosthetic Arm
    - AI Currency Counting Machine
    - AI in Renewable Energy (PMMA Bioapplications)
    - Self-Healing Concrete Using Nanomaterials to Extend Infrastructure Longevity.

▪ A Hybrid AI and Machine Learning Approach for Accurate Skin Cancer Detection and Classifications

- *Publications*: All the Faculty members of various department published- Book chapters, Scopus/SCI-indexed journals, and conference proceedings.

## Professional Development:

- All Faculty Members participation in multiple **FDPs, Workshops, and NPTEL courses** .

## Industrial Visits

- ISRO Sriharikota, ATAL Incubation Center, Integral Glass Factory, Historical Places.
- General Connectors India Pvt. Ltd., Power Grid Corporation,PPCL Karaikal, Spectrum, Soft tech Solution, Kachin, – Puducherry.
- Total of 9 industrial visits, including ISRO, ICF Chennai, Neyveli Lignite Corporation.

## Symposiums & Technical Events

- ACETRONIX 2024, a National Level Symposium, was conducted with over 400 participants from various institutions.
- The Mechanical Department organized Mechangerz'24, providing a national platform for technical interaction.
- The CSE Department successfully hosted its own department-level symposium, promoting innovation and collaboration among students.

## NPTEL Certification Highlights

- A maximum of 100 students earned Elite certificates through NPTEL online courses.
- 40 students were awarded Elite + Silver medals, showcasing academic excellence and dedication to learning.

## Academic Results:

Compared to the previous academic year, this year's overall student performance has shown significant improvement. The overall pass percentage has increased, reaching 71.23%, reflecting the hard work of students, dedication of faculty, and continuous academic support. This positive trend highlights our commitment to academic excellence and student success across all departments.

## Students Workshop attended & Conference

- Students actively participated in workshops, paper presentations, and symposiums conducted by other institutions.

- They showcased their talents and technical skills in various intercollegiate events.

- Several students secured prizes and awards, bringing laurels to the institution.

- These participations enhanced their knowledge, confidence, and competitive spirit.

**Skill Development:**

- **Government Exam Training**: Specialized coaching for various government exams to enhance career opportunities.

- **Aptitude Development:** Training sessions to improve logical reasoning, quantitative aptitude, and problem-solving skills.

- **Communication Skills:** Focused training on enhancing verbal and written communication for professional growth.

- **Soft Skills Training:** Sessions to develop interpersonal skills, teamwork, leadership, and time management.

- **Real-Life Development:** Workshops and activities aimed at practical skill-building and real-world problem-solving.

- **Entrepreneurship Development:** Training programs to foster entrepreneurial skills, including business planning, innovation, and startup management.

**Internship**

- **Internship Participation**: Students from first to final year participated in both online and offline internships- mandatory for both summer.

- **Diverse Opportunities**: Internships included placements at MSME, Mines, Neyveli, Eton, NIT Karaikal, and platforms like Spectrum Tech solution, FITA, RD INfro Technology and others.

- **Practical Experience**: Students also gained hands-on learning through the in-house Ignite Lab.

**Club Activities:**

- **The Fluentia Club** focuses on enhancing communication skills through activities like debates, group discussions, competitions, and "Think and Speak" sessions.

- Clubs like **REAP Club** and **Eco Club** engage students in social awareness, environmental responsibility, and innovation.

- **The Robo Club** fosters interest in robotics, providing hands-on learning experiences in building and programming robots.

**National Level Hackathon:**

- **Grand Showcase of Innovation**: The Hackathon served as a vibrant platform for 157 projects, combining creativity, problem-solving, and technology to address real-world challenges.

- **Eminent Guests & Support:** Special Chief Guests Mr. Yogesh and Mrs. Vanitha Kottieswari from OneYes Infotech, along with Tr. J. Arawindhan Ji, Dr. Gurulingam, and Dr. Vimal Anand, inspired and supported the event.

- **Participation & Reach**: The event witnessed 130 external participants, 33 external projects, and 124 internal projects, reflecting widespread enthusiasm.

- **Expert Evaluation**: A panel of 20 distinguished judges from various industries provided fair assessment, mentorship, and valuable insights.

**World Tele Communication Day:**

The Departments of ECE and EEE at Achariya College of Engineering Technology jointly celebrated World Telecommunication Day on September 15, 2024, through a Poster Presentation event. The occasion was graced by Mr. T. Manivannan (Hello FM 106.4) and Mr. S. Elangovan (All India Radio, Mysore), who shared valuable industry insights and motivated students. The event aimed to raise awareness about the significance of telecommunication in modern society and encouraged innovation in communication technology.

**Eureka 4.0**

Eureka 4.0, a Mega Project Contest conducted as part of the National Science Day celebration, provided a dynamic platform for students to exhibit their creativity, technical skills, and innovative thinking. With 94 project submissions, the event showcased impactful solutions to real-world problems. Selected projects were recommended for research paper publication, patent filing, and further research development. A boot camp was also conducted recently to mentor shortlisted teams, helping them refine their ideas and presentation. The event successfully fostered a spirit of innovation and scientific curiosity among students.

**Highlights:**

- 94 project submissions from multiple disciplines
- Boot camp conducted for shortlisted projects
- Recommendations for papers, patents, and research development

**Future Vision :**

With the motto of "Discipline, Determination, and Development," we aim to achieve Autonomous Status, NIRF Ranking, 12(B) Recognition, and University Status in the near

future. Our continuous efforts focus on academic excellence, innovation, and holistic growth, ensuring our institution evolves into a center of global standards and opportunities for all aspiring learners.