



ARUNACHALA

COLLEGE OF ENGINEERING FOR WOMEN

Manavilai, Vellichanthai, Kanyakumari District - 629 203.

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.
(An ISO 9001: 2015 Certified Institution)

INSTITUTIONAL DISTINCTIVENESS

The strategies to accomplish the vision of the College are as follows:

1. Academic excellence

The institution has excellent placement records compared to other colleges in Kanyakumari District. The Institution is awarded "Best Women's Engineering College in India" by AICTE Chairman during ISTE Awards, New Delhi. In the Anna University academic ranking the institution got 2nd rank among all the Engineering Colleges in Tamil Nadu during April-May 2020 Examinations. The College has well organized and favourable environment for learning and it has highly qualified, committed and experienced faculties. The college has secured 207 University Ranks including seven first ranks. The institution has 15 Years of Excellence in teaching.


2. Innovation and Patent

The Innovation Programme at ACEW includes access to resources that are critical for emerging inventions, as well as a sequence of workshops, seminars, and mentorship sessions. Students are encouraged to create business plans and are exposed to case studies from the real world. In order to offer insightful information, the curriculum also involves interactions with investors and successful innovators.

The success of the Institution Innovation Practice programme is evident through several key indicators:

- Start-ups launched by Students and Alumni of ACEW have produced a sizable number of student-led startups.
- Awards and Recognition: Students from ACEW have demonstrated their innovative ideas by winning numerous awards in regional and national contests.
- We filed and published 27 patents.
- 131 papers were published by our students during the last year




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3. Research Centre

ACEW Research Centre periodically organizes Seminars, Workshops, Symposiums and National and International Conferences in order to ensure the students' knowledge-centric development. Our research facilities are well-stocked with the cutting-edge instruments needed to enable a thorough and in-depth research. The Research Departments of EEE and ECE have knowledgeable and talented faculty. The support we offer in the form of papers and patents is the most promising feature for students conducting research in our labs. Students participate in industry visits to gain insight into real-world processes and ongoing advancements in the field. Students along with staff members have filed and published 27 patents in various fields. Through the Research centre of ACEW, 31 scholars have completed their Ph.D.

4. Research oriented labs

Research and development resources are housed within the laboratory of the institution. The laboratory includes drone lab, robotics lab, E-vehicle lab, IoT lab etc.

The primary goal of the Drone Lab is to provide interested students; a platform for deep learning. The possibility of understanding every facet and foundation of drones, including how they operate and are made, will be made possible by Drone Labs.

Electric vehicles and clean energy technologies are vital topics to teach students in today's society, as the importance of sustainable mobility grows. An electric vehicle lab setup in a classroom can offer a hands-on learning opportunity for students.

The main goal of IoT lab is to assist students in their IoT research and product development in the fields of computer science and electronics. Students are encouraged to engage in national and international events by this lab.




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Drone Lab

5. Training and Placement

One of the most important parts of our organization is the Placement and Training Cell, which has all the tools needed to run smoothly. For the whole year, our cell works nonstop to provide our students with a plethora of training and placement opportunities. By inviting different organizations to recruit students on campus, the institution is demonstrating its commitment to helping each student explore a variety of placement alternatives. Several highly skilled individuals from respectable sectors who are actively involved in delivering these programmes are hosted by us with great privilege. With the Coordinator of Training & Placements in charge, department heads actively involve to expedite placement procedures. Our




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placement cell runs with a high degree of professionalism. Every year more than 80% of the students get placed in reputed companies.

6. Skill Development

To provide our students with all-encompassing support as they get ready to face the global competition, we have created a separate Training and Placement wing. The development of our students' personalities is highly valued at our institution.

Our curriculum is carefully crafted to prepare students for roles as entry-level Graduate Engineer Trainees, in tandem with the industry's increasing needs. We provide a plethora of tools to help them gain the necessary interview skills, such as setting up practice interviews. Additionally, students receive active assistance from our staff of skilled soft skill trainers. Some of them are as follows:


- ✧ Personality Development
- ✧ Communication Skills & Vocabulary
- ✧ Resume Preparation & Email Writing
- ✧ Group Discussion
- ✧ Interview Skills
- ✧ Aptitude Training & Practice Tests

7. Institution's Innovation Council (IIC) program

The purpose of IIC is to involve a lot of staff and students in different innovation and entrepreneurship-related activities like Ideathon, Problem Solving, Proof of Concept Development, Design Thinking, IPR, project handling etc. Innovation is encouraged inside IIC through a variety of means, creating a campus-wide innovation promotion. IIC of the campus is used to identify and reward innovations and share success stories.

IIC conducts quarterly seminars, workshops, and get-togethers with experts, investors, and entrepreneurs. It also establishes a mentorship programme for young entrepreneurs. It creates




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an Institution's Innovation portal to highlight innovative projects carried out by the faculty and students of the institution.



8. Decision-making and Leadership:

Student representation in clubs and committees, as well as the Student Academic Council, help students develop their leadership and decision-making skills. Representatives from every class make up the Student Academic Council, which represents their needs and recommendations for improving the College's operation. They can express their thoughts, grow as leaders, and participate in governance and policy-making. Students' management abilities are




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developed when they plan seminars, outreach events, and rallies. They actively participate in family, community, and decision-making processes as a result of this experiential learning.


9. Entrepreneurship Development

Entrepreneurship Development is to enhance the skill set and knowledge of entrepreneurs regarding the development, management and organization of a business venture. This is accomplished through emphasising entrepreneurial acumen through training sessions and projects. The main purpose of entrepreneurship development Programme is to help aspiring entrepreneurs furnish their talents and learn the intricacies of operating a business. They need experienced professionals with pertinent knowledge who can help those who are just starting out or facing difficulties by sharing their own life lessons. EDC finds students who have abilities in areas relevant to new discoveries and launches programmes in places where a lot of people are interested in enrolling in the programmes.

Table 1: List of Entrepreneurs

SI No	Name	Company Name	Place	Photo
1.	R. Bhuvana Iohini	Oxick Technologies	Puthukudierupu, Nagercoil	
2.	S.V.Vibisha	Swarna Ecocrafts Suvi Textile mills	Mottavilai, Peyankuzhi Post	
3.	D.Deva shoba	Grace Nuts and spices	Nagercoil	
4.	Praveena.V.G	Nisha's Boutique	Nagercoil	




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5.	Stabi Lebia.L	E-Sevai Mayyam	Thovalai	
6.	Infant Rayani	Rayans boutique	Manapakkam, Chennai	
7.	S.Varsha	Aariwork,silkThead Jewellery	Neyoor	
8.	R.J.Nisha	Velvet Forest	Muvattupuzha, Ernakulam	




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