

Alva's Institute of Engineering and Technology, Moodubidire

A Unit of Alva's Education Foundation(R), Moodubidire



Alva's Education Foundation (AEF), founded in 1995, provides contemporary quality education to over 22,000 students at the school, graduate and postgraduate levels through 19 institutions. Some of these disciplines are basic sciences, arts, business, management, fine arts, sports, medicine, and para-medicine. It is located in Moodbidri, a thriving educational town on Karnataka's west coast, 30 km from Mangaluru, a coastal city.

AEF was formed with the primary purpose of providing wholesome education to the rural youth, which, in addition to focusing solely on academics, also provides students with opportunities to develop other intrinsic traits through the organization of literary and cultural events and programmes. The students are encouraged to take part in these initiatives at the organizing and competing levels.

AEF is attempting to preserve Kannada cultural history and customs by exposing students to the traditions and culture. AEF's two primary literary and culturally inspired events are Virasat and Nudisiri. The 20-year-old **Virasat** festival, which offers a range of performing arts displays, is now a well-known international event. An estimated 30,000 individuals attend this annual festival to explore the cultural Diaspora, both domestically and globally. **Nudisiri**, a literary conclave that promotes Kannada literature and its practitioners, has already completed its 12th year. **Pragati** is an annual mass employment expo that connects potential applicants with the corporate sector. This is done to benefit rural youngsters and is open to all job seekers.

AEF hosted **India's first International Cultural Jamboree - 2022**, which took place from December 21 to 27, 2022. Over 50,000 scouts, guides, rangers, and rovers, as well as 13,000 teachers and trainers and 7,00,000 spectators from India and abroad, participated in the Jamboree and witnessed a variety of events such as the Krishi Mela, Food Mela, Cultural Mela, Pustaka Mela, and Science Mela. A road cleaning exercise called "**Namma Samskrithi, Swachha Samskrithi**" was conducted as part of social duty, and under it, students, teachers, and the general public cleaned a 200-kilometer stretch of eight roads going to Moodbidri. The **Science Mela**, which was co-hosted with the objective of promoting science among students, was a big success at the Jamboree. The Science Mela featured hundreds of displays from various government and private organizations related to science, technology, and medicine. The Science Mela's main focus was a **Science Project Competition** for young innovators from schools and colleges.

Alva's Institute of Engineering & Technology (AIET), Moodbidri

Alva's Institute of Engineering & Technology (AIET) stemmed out of Alva's Education Foundation (AEF), an entrepreneurial vision of **Dr. M Mohan Alva**, an Ayurvedic doctor, an Educationalist and a social reformer in Moodbidri, AIET is strategically located adjacent to Solapur-Mangaluru highway in a lush green campus with Herbal Garden of Shobhavana campus in Mijar, Mangaluru. The institute was established in 2008 to provide affordable quality professional education to the youth of various socio-economic backgrounds. Institute is a self-financed institute affiliated to Visvesvaraya Technological University (VTU), Belagavi.

AIET offers 10 UG programmes in Engineering, PG in Business Administration. Further, the institute also offers 6 PhD programmes in Engineering and Basic Sciences. Institute adheres to the VTU curriculum and caters course content to students using ICT enabled classrooms, seminar halls and auditorium comprising of



Audio-visual facilities with Wi-Fi enabled campus. Institute has well-furnished hostels for Boys and Girls, well-networked transportation facilities for students and staffs, excellent facility for sports and cultural activities, a dedicated health centre, gymnasium etc.

AIET is recently accredited by **NAAC** with an **A+ rating (CGPA - 3.32)**. The institute is positioned in the band of **151-300 in the NIRF Innovation ranking-2023** announced by the Ministry of Education, Govt. of India. AIET has been **ranked 135 throughout the nation by Times Engineering Institutes Ranking Survey 2023**. The CSE and ECE Departments have been accredited by NBA. AIET has obtained funding for research from various Government organizations (DST, VGST, KSCST) etc.

Vision

Transformative education by pursuing excellence in Engineering and Management through enhancing skills to meet the evolving needs of the community.

Mission

- To bestow quality technical education to imbibe knowledge, creativity and ethos to students' community.
- To inculcate the best engineering practices through transformative education.
- To develop a knowledgeable individual for a dynamic industrial scenario.

- To inculcate research, entrepreneurial skills and human values in order to cater the needs of the society.

Milestones and Uniqueness of AIET

- Alva's Institute of Engineering & Technology intends to provide industry readiness traits to students through various Academic Collaborations / MoUs with Institutes and Industries viz., IIIT-Allahabad, IISc, Kumamoto University (Japan), Toyota-Kirloskar Motors (TKM), ISRO- NARL, NRSC, RRSC, SCL, ISRO HQ, NAL, DIAT, HAL, NHAI, EDII, which facilitates experiential learning.
- MoU with Beta CAE India PVT limited, Bangalore has facilitated 2.1 crore worth software tool for Mechanical and Agricultural Engineering domain.
- Students of AIET have been visiting the Kumamoto University, Japan under academic exchange program (Sakura Exchange Program).
- Students undergo 30-45 days real time hands-on training in the area of Advanced IC engines under MoU with TKM.
- Internship opportunities at ISRO have opened an avenue to students in upgrading their skills through national level projects viz., BHUVAN, NAVIC, Automatic Weather Station, GNSS etc.
- Faculties also visit campuses at Kumamoto University, ISRO, IIIT-Allahabad, TKM for training programs, Workshops, Conferences etc.
- In association with the Karnataka Council for Technological up-gradation (KCTU), Vision Group on Science and Technology (VGST), Government of Karnataka, AEF and industrialists, the institution makes all positive efforts to nurture innovation ecosystems and to cultivate research environment.
- Institute disseminates learning through several value-added and R&D labs viz., e-Yantra Robotics lab, Linux lab, Innovation & We lab, MEMS lab, Envision lab, Apple iOS lab, CNC lab, IC Engine lab, CATIA Modelling lab, Alva's Centre for Advanced Research (ACAR) lab, Nano Organic Electronics and Earth's Field NMR (NOEL-EFNMR), Composite lab etc.
- Institute focuses on strengthening skill-sets of students through rigorous Technical skill training, Soft-skill training and Boot Camp (an exclusive pre-placement training activity for students) at Training & Placement Cell (T&P cell) of AIET, which resulted in healthy placement records.
- Institute hosts Alva's PRAGATI – Mega Open Placement drive, a one-of-a-kind cause driven placement initiative in the state every year. Alva's PRAGATI is committed to the cause of reducing unemployment problem that has affected the rural youth of this region. The program is recognized by the Government of Karnataka and AIET is designated to organize mega placement drives in different district canters across Karnataka.

- Institute's efforts in creating awareness programs (GRE, GATE, UPSC, SSC) on higher education, civil services, defence sector etc., has resulted in students pursuing higher studies in reputed universities, public sector jobs etc.
- Institute has witnessed successful startups, enterprises started by students. Further institute is identified as skill training centre under PMKVY and successfully completed skill training under different domains.
- Students' comprehensive holistic growth is achieved by societal oriented activities implemented through various clubs viz. NCC, NSS, Speaker's club, Nature's club, Departmental forums etc. The activities conducted by these clubs viz., Beach cleaning, Computer literacy to rural students, Blood donation camps etc. have shaped them as responsible citizens of the nation.
- Effective training in sports and culture to the students by professionals has resulted in several accolades in University, Inter-University, Zonal and National levels. Institute is overall champion in VTU- Sports and Cultural fest for multiple years.
- The institute has bagged overall championship at VTU Youth Fest from past few years. The flagship events of the institute "SINGARI MELA" & "DOLLU" has bagged several recognitions across the country.

Programmes offered at AIET

SN	Programme Name	Intake
1.	Computer Science & Engineering	180
2.	Information Science & Engineering	60
3.	Electronics & Communication Engineering	120
4.	Mechanical Engineering	60
5.	Civil Engineering	60
6.	Artificial Intelligence & Machine Learning	60
7.	Computer Science & Design	60
8.	Agriculture Engineering	60
9.	Computer Science & Engineering (IoT & Cyber Security including Block Chain Technology)	60
10.	Computer Science & Engineering (Data Science)	60
11.	Master of Business Administration (PG)	180