



Agni College of Technology



Affiliated to Anna University, Chennai.

Approved by AICTE & Programmes Accredited by NBA, New Delhi. ISO 9001: 2015 Certified Institution

ESTD. IN 2001 OMR, CHENNAI



COUNSELING CODE
1316

ELECTRICAL & ELECTRONICS ENGINEERING

The College with a Difference INDUSTRY POWERED LABS



Sundram Fasteners Limited



Power Electronics & Drives Lab powered by **TVS Sundaram Fasteners**



Control System Lab powered by
Madras ENT Research Foundation (MERF)



Power Electronics Lab

एन एस आई सी
NSIC
ISO 9001 : 2008

Electrical Machines Lab powered by **GH INDUCTION**



IoT, Embedded Systems & PLC Lab powered by **NSIC**



Renewable Energy Lab powered by **BGR ENERGY**

PROGRAMS OFFERED

- B.E** Electrical and Electronics Engineering
- M.E** Power Electronics and Drives
- Ph.D** Electrical and Electronics Engineering



**ANNA UNIVERSITY
RECOGNISED CENTRE
FOR RESEARCH**

CENTRE OF EXCELLENCE



Mitsubishi Centre of Excellence at Agni has exclusive laboratory facility with Q-R based Integrated Factory Automation (FA) setup training and iQ-R works (FA Engineering Software). This can handle various features and functionalities of Servo drives and its Motors. Also the centre has Inverter with advance PLC system. The setup is fully flexible and configurable for different modes such as, PLC, PLC and HMI, VFD, PLC and VFD, PLC and Servo Brush-less DC motor, Switched Reluctance Motor and all types of special electric machines with speed controls for various applications.



Research Students @ Mitsubishi factory Automation System

AGNI SURYA ENERGY



Agni Surya Energy is the Centre for research and development R&D in the renewable energy technologies. It is interdisciplinary. It provides quality research environment. The Centre has exclusive renewable energy laboratory with state of art facilities which provides excellent platform for the students to convert their innovative ideas into real products and also to do joint collaborative research with top level Industries.

Students Research in Roof Top Solar Power Plant @ RE lab



The Centre is the hub for renewable energy technologies which undertakes the studies on the following three specific fields:

SOLAR ENERGY TECHNOLOGIES

Roof top solar PV and Building Integrated solar PV

WIND ENERGY TECHNOLOGIES

Medium & Micro wind power plants

WIND ENERGY CONVERSION SYSTEMS

Wind Energy to Compressed Air for specific application



Students Research in Wind Energy Technologies @ RE Lab

INDUSTRIAL CONSULTANCY



AGNI ENERGY & POWER QUALITY AUDIT

Agni Energy & Power Quality Audit offers industrial consultancy under the department of Electrical & Electronics Engineering. The Agni Energy & Power Quality Audit offer services like Preliminary Energy Audit, Detailed Energy Audit, Power Quality Audit, undertaking energy efficiency projects, etc., furthermore;

The Consultancy work was carried out at Eriez Magnetics India Private Ltd., Ambattur – Vanagaram Road, Athipet, Chennai, Tamil Nadu, India in the month of June 2018. Detailed audit report have been submitted to the industry concerned with consolidated data collected from the industry premises during the audit process.

INDUSTRY PROJECTS BY EEE STUDENTS



Project:

A novel Brushless DC motor of desired rating for specific Application

Name of the Industry :

TVS - Sundaram Fasteners Limited, Chennai

Project Description:

A novel Brushless DC motor with specification of Half HP, 12V, 3500RPM is designed and simulated by the students. The BLDC motor has been simulated using Magnet software. Theoretical calculation and design was also completed for the same. A prototype motor was manufactured by the company and now students were working with Testing and Controller part.

Project : Denoising using short-time Fourier transform and wavelet techniques

Industry/Organization: Madras ENT Research Foundation (MERF)

Project Description: This project was supported by Madras ENT Research Foundation (MERF) and the main moto of this project is to study the effect of noise in listening & learning and to measure the noise in the school zone, classroom and also to measure speech perception in noise (SPIN). Students were recorded the noise and analyze using Fourier Transform.

PLACEMENTS @ Agni

All Electrical Engineering students are placed in core industry, and some of them are:

 <p>M.Seemaan System Engineer Infosys®</p>	 <p>Logeswari R Asst.System Engineer TATA CONSULTANCY SERVICES</p>	 <p>Prakash Kumar K Programming Analyst Trainee HCL</p>
 <p>SanmugaPriya RM Asst.System Engineer TATA CONSULTANCY SERVICES</p>	 <p>Kavitha R Programming Analyst Trainee Cognizant</p>	 <p>SasidharanV System Engineer GEN WORKS WIPRO AN JOINT VENTURE CO.</p>
 <p>Preetha N System Engineer SHRI VAARI ELECTRICALS</p>	 <p>R. Akalya System Engineer CSS CORP</p>	 <p>Natarajan K System Engineer SHRI VAARI ELECTRICALS</p>

STUDENTS' ACHIEVEMENTS



EEE Students Won Prizes @ IIT, Madras

Students of Department of EEE have participated in the International Conference on "Smart City Model 2019" at Indian Institute of Technology, Madras and won Prizes & certificates.



EEE Students @ Smart India Hackathon 2019

Our Students project "WATER QUALITY MONITORING SYSTEM USING GSM AND IOT" has been shortlisted in Smart India Hackathon 2019 – Hardware Edition by AICTE – Sustainable Environment

EEE Students Won Prizes @ Design Project Contest & International Conferences

EEE Students proved their talents and won best paper award in the International Conference held at Bannari Amman Institute of Technology, Sathiyamangalam

Agni EEE Students @ TNSCST Projects

EEESTudents got sanctioned project grant from Tamil Nadu State Council of Science & Technology (TNSCST) under student project scheme 2018-19.

INTERNSHIP



249 STUDENTS TOOK WINTER INTERNSHIPS IN LEADING ELECTRICAL INDUSTRIES

OUTSTANDING ALUMNI @ Agni



R.VENKATARAMANAN
President, Agni Alumni Association



Manager
General Electricals Systems



S.SRIKANTH
Secretary, Agni Alumni Association



Manager, R&D
Danfoss



EDWIN GODSON
ABRAHAM BUSINESS SOLUTION,
ENTREPRENEUR



GOWTHAMI RAJARAM
MALAI MURASU
SOCIAL MEDIA



EDWIN GODSON
INDIAN POLICE SERVICE



SHYAM KUMAR S
FOCAAL AUTOMATION



THIRUVENGADAPATHI. T
APPOLO TYRES



PRABAKARAN.A
STEEL STRIPS WHEEL LIMITED



SARATHKUMAR
GH INDUCTON



NAVANEETHA KRISHNAN
MOBIS INDIA LIMITED



PORCHEZHIAN
EUREKHA FORBES



M.BABY CHANTHINI
SYTECH SOLUTIONS



K.KARTHIKA
TECH MAHINDRA



PRABHA V
CSS CORPORATION

300 STARTUPS by EEE



300

Startups

Students of EEE
Started 26 Startup companies
on campus



Hands-on engineering experiences at FORD and Solar projects

COUNSELING CODE
1316

Agni College of Technology

OMR, Chennai. ☎: 9786240979, 9445532933, 9500088663, 9445024084 E-mail: admission@act.edu.in www.act.edu.in

Follow us on

