



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

ELECTRONICS AND COMMUNICATION ENGINEERING

CENTRE OF EXCELLENCE

 **TEXAS
INSTRUMENTS**



ROBOLAB 4.0



ABE SEMICONDUCTOR DESIGN



INDUSTRY POWERED LABS



Communication Laboratory



Microwave Laboratory



Digital Electronics Laboratory



VLSI Laboratory



Microprocessor Laboratory



Linear Integrated Circuits Laboratory

SPECIAL LABS e-Yantra Lab

e-Yantra sponsored by **MHRD** under the National Mission on Education through ICT program is an initiative by **IIT Bombay** that aims to create the next generation of embedded systems engineers with a practical outlook to help provide practical solutions to some of the real world problems. e-Yantra Lab Setup Initiative (eLSI) is a college level program under which colleges are encouraged to setup robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training – to create an eco-system at the colleges to impart effective engineering education. The goal of e-yantra is to develop innovative projects and brainstorm new ideas for improving pedagogy and the quality of engineering students



Electronic Hobby Centre providing hands-on training through simulation & emulation
Supported by Network Bulls in association with IIT Delhi



Sir C V Raman Centre for Information

INTERNSHIP @ Agni



140 students of the department did their internship at premium companies

ACADEMIC EXCELLENCE @ Agni



Programming Arduino by P.Arun, 3rd year ECE

Anna University Results

April- May 2018: 12 subject results were above 90%
Nov - Dec 2018: 100 % results in 2 subjects and above 90% in 10 subjects

300 STARTUPS



178 STARTUP COMPANIES ON CAMPUS BY THE STUDENTS OF ECE DEPT.

Agni STUDENTS SOLVING INDUSTRIAL CHALLENGES

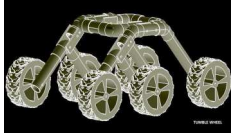
- ECE Department students submitted a project proposal to Tamil Nadu State Council for Science and Technology titled **"Agriculture Drone for Sowing Seeds"**.



- Industrial projects - **PERIGON WALL CLIMBING ROBOT FOR GLASS WALL CLEANING**



Tumble wheel is the idea of developing an Artificially intelligent and multi terrain UGV(Unmanned Ground Vehicle). This design is aimed to bring up a series of military combat applications like soldier assistance, medical and military supply to



distant camps and spying operations like Border surveillance, image mapping of complex terrains etc., without on-board human presence.

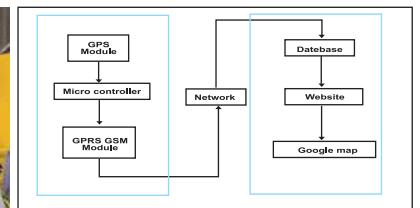
- ECE Department students submitted project proposal titled "Tumble Wheel" to e-Yantra Lab.
- ECE Department are doing project titled "Horticulture in green highways" under TNSCST.
- ECE Department students submitted project proposal titled "IoT Based Solar Powered Automatic Irrigation System" to e-Yantra Lab.
- ECE Department students done project for "Mitsubishi Electric cup" and won 4th place out of 35 teams in the competition also won 1st place in Tamil Nadu level.

Ms. Yogitha, Ms. J. Aswini. Mr. Yuvaraj, Mr. P. Arun and Mr. Mano Lakshatha Srinivasa Moorthy from III ECE submitted a project proposal to TRUKEM on "LASER SECURITY SYSTEM FROM DRUM" guided by Mr. T. Rajasekar

GPS BUS TRACKING SYSTEM

Students' solution for Efficient Campus Management

This project gives students and staff an idea of knowing the exact location of the bus and plan their arrival beforehand and also let them be aware if the bus has left their stop.



AGRICULTURAL DRONE FOR SPRAYING PESTICIDES



Smart Automated Car in Real Time Obstacle (object) Detection.



Laser based safety mechanism for Tanneries



An Agricultural robotic vehicle that can perform physical works like drilling and seeding.

STUDENTS' ACHIEVEMENTS



The team "Innohive" won the 1st prize with a cash award worth ₹ 50,000 for agricultural Robotic Vehicle in **Lean hack @ IIT Madras**

- Winners of eYantra competition held at IIT Bombay
- Three times first prize winners of Robtryst competition held at IIT Delhi.
- Participated in Shashtra techfest held IIT Madras.



Programming Arduino by P.Arun, 3rd year ECE

PLACEMENT @ Agni

TATA
CONSULTANCY
SERVICES

Mphasis
an HP company



SONATA
SONATA SOFTWARE

Infosys

Tech Mahindra

ITC INFOTECH
Business-friendly Solutions

global edge

CISCO

DELL The power to do more

APC
Legendary Reliability™

IBM

LINKSYS

Google

intuit

Microsoft

Lenovo

NETGEAR

ANDROID

Office 365

UBIQUITI
NETWORKS



intronis

hp HEWLETT PACKARD

WatchGuard

WEBROOT
Smarter Cybersecurity™

SONICWALL

Adobe

OUTSTANDING ALUMNI



Mr. SATHIYASEELAN.T
Director & Head,
VALEO India



Mr. SIRAJDEEN M
Graduate Engineer
Hyundai Mobis



Ms. PRIYANGA S
Centre Head
CMS IT Services



Mr. LOGASUBRAMANI
Senior Engineer
Qualcomm



Mr. Surya Narayanan. K
Managing Director
Simple Labs Technology



Mr. S GAUTHAM
Managing Director
SNS Technologies



Ms. S. DINESH
CEO
Superior Shared Service



Mr. RITHESH R
Managing Director
Untitled Solution Provider



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