

# Agnı College of Technology



Approved by AICTE/UGC, New Delhi, Accredited by NBA, Affiliated to Anna University, Chennai An ISO9001:2015 Certified Institution

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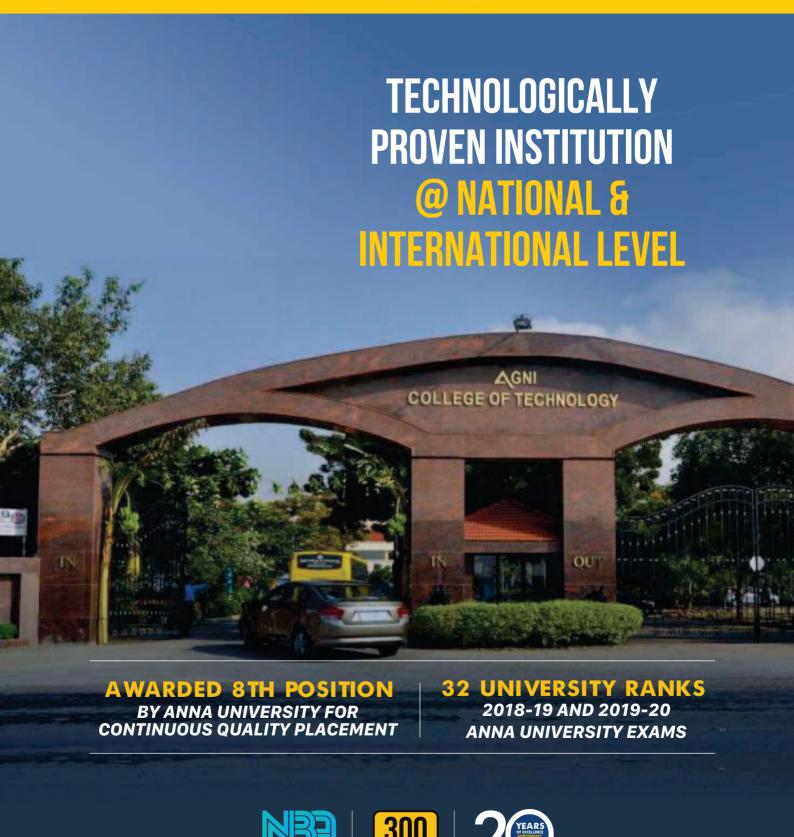
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AICTE Vishwakarma Award



IEEE -Yesist - International Project Contest



Mitsubishi Electric Cup



Mitsubishi Electric Cup

# HOW WE ARE



ROBO-Al Expo



AICTE Vishwakarma Award - Regional Convention



Agni Students @ DST - IICDC Contest - Won 5 Lakhs Cash Prize



Agni Students @ Indian Innovation Design Challenge at IIITD Kottayam



Mitsubishi electric cup 2019 First prize in the appreciation category.



IEEE -Yesist - International Project Contest



Real time Projects by Agni Students to Tamilnadu Police Department



Agni Students @ ACMA Expo 2019



Indian Innovation Design challenge @ IIITD Kottayam







Anna University approved Research Centres in EEE and ECE departments



Ranked amongst TOP 50 in India, Rankings by HRD Ministry, ARIIA Govt of India



Agni Institution Innovation Council (IIC)achieved Full Star Rating from the Ministry of Human Resource Development (MHRD)



Approved Business Incubator under Ministry of Micro, Small and Medium Enterprises (MSME), Government of India

#### **UNDERGRADUATE COURSES - 4 Yrs**

- B.E. Aerospace Engineering (30)
- B.E. Biomedical Engineering (60)
- B.E. Civil Engineering (30)
- B.E. Computer Science and Engineering (120)
- B.E. Electrical and Electronics Engineering (30)
- B.E. Electronics and Communication Engineering (60)
- B.E. Mechanical Engineering (60)
- B.E Mechatronics Engineering (60)
- B.Tech. Chemical Engineering (60)
- B.Tech. Information Technology (60)
- B.Tech. Artificial Intelligence and Date Science\*(60)
- \*Awaiting approval for the Academic year 2021-22



- M.E. Communication Systems (09)
- M.E. Computer Science and Engineering (18)
- M.E. Power Electronics and Drives (09)
- M.E. Structural Engineering (18)
- M.E. Biomedical Engineering (18)
- M.E. Mechatronics Engineering (18)

#### 2 PhD PROGRAMMES

- Electrical & Electronics Engineering
- Electronics and Communication Engineering



AGNI College of Technology affiliated to Anna University established in the year 2001 focuses on education that goes beyond the curriculum. Industry related initiatives provide students with practical and real world problems. Facilitated with a 20 acre Wi-Fi Campus, state-ofthe art infrastructure, highly qualified faculty, skill training programmes, entrepreneurship development programmes gives AGNI College of Technology the edge in offering engineering education to students that will keep them ahead in the future.



# INFRASTRUCTURE @ AGNI







**Excellent Sports Facility** 



Hygienic Canteen with Delicious Food



Hostel - Girls



Hostel - Boys



Comfortable Transport

- 20 Plus acres of lush green campus with a professional cricket ground, basketball court, volleyball court and football ground.
- A 1500 seat Open Air Auditorium, a 600 seat air conditioned auditorium and a mini auditorium with 250 seats.
- A well equipped 10,000 sq ft building for Entrepreneur Development Cell
- A 6000 Sq ft library with over 75000 books and 25 systems for virtual library with all e-journals for e-learning and further research.
- Over 950 systems with 100 mbps internet and WiFi enabled campus.
- 24x7 HT electric power with student built 250 kv generator backup.
- Over 1300 different plant species to enrich the green cover on campus.
- Drip irrigation developed by our own students.
- Rain water harvesting enabled recycling of resources on campus.
- Full fledged Sewage Treatment Plant
- Fully equipped gymnasium separately for boys and girls with separate full time fitness coach.
- A 20,000 sq ft hostel separately for boys, girls and PG students.

# STUDENTS' COLLEGIUM @ AGNI

















## ACADEMIC EXCELLENCE @ AGNI

A Dedicated Team of 200+ Faculty Members with 61 Doctorates & 25+ Pursuing Ph.D

600+ Research Publications & Patents in 2020 by the faculty members in reputed International Journals and Conferences

#### SOME OF OUR TOP UNIVERSITY RANK HOLDERS











































































Excellence all the way

37
ANNA
UNIVERSITY
RANK
HOLDERS

29
UNDER
GRADUATE
RANKS

POST GRADUATE RANKS

## INDUSTRY DRIVEN CENTRE OF EXCELLENCE (COE)































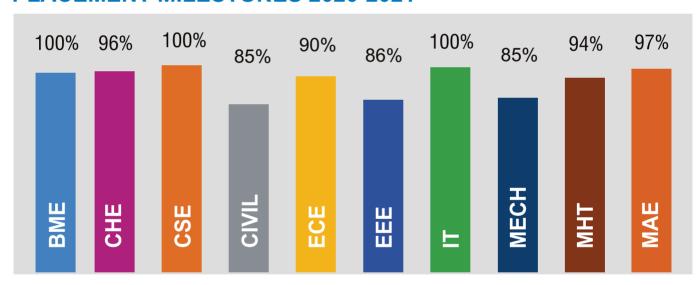








#### **PLACEMENT MILESTONES 2020-2021**



Students with multiple offers

600+

Companies visited in the current year

90+

Average package for the current year

3.5L CTC

Highest package for the current year

12.3 L CTC

#### **Agni's Esteemed Recruiters**



























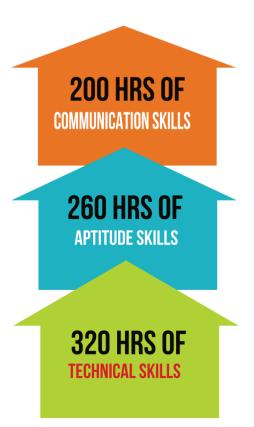








780 HRS/STUDENT





#### **ENTREPRENEURSHIP**

Students cultured to be job providers

#### EARN WHILE YOU LEARN

This Knowledge Initiative from Agni College of Technology is intended to drive the entrepreneurial spirit of the students. Students from all 4 years take part in this programme, where they are facilitated to form teams, provided mentors and guides. They are made to start a company that will work with the Government Departments of Tamilnadu and strive to solve a problem / issue, create a product or service for the department. All these teams are headed by Women CEOs.

# 20 INDUSTRY POWERED LABORATORIES IN ASSOCIATION WITH LEADING INDUSTRIES





































### COVID CARE PRODUCTS DEVELOPED @ AGNI

#### STUDENTS' INNOVATIONS TO COMBAT COVID-19

Agni's student innovators' strive to safeguard the society through their technological innovations that are very effective, easy to handle, smart simple and quite affordable

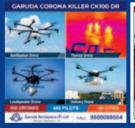
#### **Drones**



A Fleetof 300 Drones manufactured by Garuda Aerospace of Agni College of Technology in action with 500 Pilots in 12 states including Andhra Pradesh, Chhattisgarh, Haryana and Varanasi, the PM's constituency. The whole project began on 23rd of April at the Rajiv Gandhi Government Hospital, Chennai wherein the Hon'ble Minister for Health, Mr. Vijaya Baskar, flagged off the operation of Sanitizing Hospitals, Government buildings and other Tall Structures including residential skyscrapers where human inteRention in the sanitizing project becomes tedious and time consuming. These easy-to-operate drones can sanitize very complex and sensitive areas such as the waste-disposal units of hospitals and other Health institutions where human intervention is both difficult and risky. These drones are used for:

- 1 Surveillance Drones to Monitor Social Distancing through Aerial Views by the Police Department
- 2 Loud Speaker Drones to Public Announcements by th&ocal Bodies during emergency
- 3 Delivery Drones to deliver Medical Kits and other Essential Commodities
- 4 Sanitizing/ Thermal Drones for Disinfecting skyscrapers and potentially vulnerable area.









Vaayu-Traps / filters upto  $0.1\mu$  / kills micro organism especially Covid 19 without side effects

"Do you want to have a Covid 19-free workplace?" schools/ hospitals/ colleges/ offices/ bank/ railway stations/ airport/ IT field/ temples/ churches/ mosques/ bus stands/ hotels/ restaurants/ malls/ super markets/ jewelry shops/ industries /flats/houses/ hostels/ old age home/ marriage halls/ police stations/RTO offices/ other places.





# Agni's ENTHICAN

"Agni's Enthiran" is a BOT that has been designed by the students of Agni College of Technology to break the chain of Corona Covid-19 pandemic. This BOT can mainly substitute healthcare workers who supply medicine, food and other essentials to the patients and inmates at hospitals and old age homes. Also, this BOT can be used in super markets, orphanages etc in order to avoid direct contact of person to person.





# bioneemtec () Agni's Herbal Inhaler

It is a steam-based inhaler which consists of Herbal Drug made of Chinese and Indian traditional medicine. It consists of a steamer and extracts of herbal drugs. During inhalation of steam, the herbal medicine sticks on the inner walls of the respiratory passage and kills the virus. It prevents the virus from entering the nasal cavity and helps the infected patients to recover fast.



# bioneemtec Agni's Herbal Cream

It is a topical application product that can be applied on the skin exposed to the sun. It kills all infectious germs and virus, and prevents from all viral infection including COVID-19.

#### **Agni's Simple Ventilator**

AGNI'S Simple Ventilator is a machine designed to mechanically move air in and out of the lungs to intermittently or continuously assist and control pulmonary ventilation. This device is primarily used in intensive therapy to help improve the Patients' breathing by regulating the flow of gas into the lungs. This ventilator, designed for the COVID-19 infected patients, can be used to compensate the breathing problem faced by the patients.





Founded in 2016 by Mr Agnishwar Jayaprakash, Garuda Aerospace focuses on the design, build and customization of unmanned aerial vehicles (UAVs) or drones for various applications. Catering to diverse needs such as Agricultural Survey, Reconnaissance and Surveillance, Garuda Aerospace meets the customer's requirements with precision. The startup was selected by the United Nations as one of the top 10 socio-

economic innovations of 2016. Garuda is one of the companies that are working to achieve a high market share in the global Disinfection Drone market. The team has developed and manufactured a highly specialised delivery fleet of 30 "White Knight" drones to deliver emergency medical kits, Covid-19 vaccines and medicines to PHCs as well as to conduct sanitisation operations across the country.

### **APJ** and Agni Foundation



Agni Foundation is a non-profit and non-religious organization that has been established with a single motive to serve those who are in dire straits. The organisation has conducted a huge number of events concentrating on the development of society and the people. Out of immense respect and love that the founder had for Dr APJ Abdul Kalam, an event called Kalam Yatra was organized by Agni Foundation in Marina Beach to pay a tribute and observe the 1st death anniversary of Late Dr APJ Abdul Kalam Sir. The Yatra was to remember him on his death anniversary. Signature Campaign was organized, the journey of Kalam Yatra moved on and around 1,22,345 Lakh signatures were collected from across Tamil Nadu.





#### Projects Freedom for Scholarship

Young adults should be given the resources they need to realise their potential and live an independent life upon education. This is what "Project Freedom" is all about. Project freedom is an initiative by Agni Foundation, for sponsoring free education for deserving and meritorious students who cannot afford to pursue higher education due to financial and societal constraints. The project entirely focuses on educating the pillars of the future and each year, the organisation allows rupees 6 lakhs per year for the student scholarships. The organisation has stretched out its arms for every economically backward and deserving child to help with their educational expenses. Agni Foundation strives to provide this opportunity to talented children who otherwise may not have the means or freedom to pursue their dreams.





TUESDAY | OCTOBER 15, 2019

"HOW TO SCORE HIGH MARKS"





#### Skilling India events

India's innovation system continues to grow with programmes such as Skilling India that provide access to skill development programmes for the students. Skilling India Workshops highlights all the trending job opportunities & amp; the skills youth must possess to stay updated in a highly competitive employment market! Skilling India is the first officially recognized events' platform Agni college has built to help with the job search process. The aim of this platform is to provide all the help and information that is needed for students to effectively filter through the huge number of job applications and make a decision on which is best for them. It offers insights related to services that can make you employable and helps in finding opportunities that can be achieved only new skills.

## **Agni** Group of Companies











Agni Foundations Pvt Ltd www.agnifoundation.org







Agni's Ignite India
www.ignite-india.org



Aedx www.aedx.in



Flame Advertising Co. Pvt Ltd www.flameadvertising.in



### SOME OF OUR DISTINGUISHED ALUMNI



Mr. R. Venkataramanan EEE 2001-2005 Manager, General Electric (GE) Power System Engineering



Mr. Pragadeeswaran BME 2014-2018 Project Head **CURA** Diagnostic



Ms. Nimisha ECE 2012-2016 Senior Data Analyst **D&B** Technologies



Mr. S. Srikanth EEE 2001-2005 Manager **R&D Danfoss** 



Mr. Suresh Subramanian IT 2007-2011 Team Leader Design Services@Mckinsey



Mr. N. V. Koushik Mech 2012-2016 MS Research North Carolina State Univ.

**ALUMNI ASSOCIATION OF AGNI COLLEGE OF TECHNOLOGY (AAACT)** Over 7500+ Alumni and growing





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