



# 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**

## BIOMEDICAL ENGINEERING

### The College with a Difference INDUSTRY-POWERED LABS

#### Biochemistry Lab Powered by Aaranya BioSciences

A Memorandum of Understanding (MoU) was signed between Agni College of Technology and Aaranya Biosciences Private Limited Chennai. This MoU will help students gain knowledge and exposure in the fields of Molecular Biology, Diagnostics, Nano materials, Biochemistry, Genetics and Microbiology. It will assist students to utilize Aaranya Biosciences Research Lab equipped with facilities like:

- CPCSEA approved animal facility
- Genetic testing approved lab
- Drug discovery integrated laboratory
- Chemistry and Biological profiling of molecules
- Process Research lab(100L, 200L capacity)
- Create a scientific base to promote and process R&D.

**Aaranya**  
BioSciences

#### Biomedical Instrumentation Lab powered by Siemens Healthineers

A Memorandum of Understanding (MoU) was signed between Agni College of Technology and Siemens Healthineers at Chennai.

The MoU will offer many benefits, to our students and faculty, such as

- Industry-oriented training programmes
- Guest lectures on recent trends
- Training for faculty
- Industrial In-plant training for Biomedical students

**SIEMENS**  
Healthineers



### CENTRE OF EXCELLENCE

I



**SIEMENS**  
Healthineers

II

**Madras ENT  
Foundation**





# INDUSTRIAL RESEARCH AND PROJECTS

## Kalam Institute of Health Technology (KIHT)

An MoU was signed between Agni College of Technology and KIHT Pragati Maidan, VM Steel Project S.O, Visakhapatnam, supported by the Department of Biotechnology, Government of India.

KIHT encourages and facilitates industries, innovators, biomedical and related R&D institutions to exchange information on healthcare technology.

It facilitates faculty exchange, incubation support and student internship from Agni.

KIHT enables transfer of technologies through a unique e-Auction platform and assists entities with the arduous process of testing and standardization of medical devices, product testing, Health Technology Assessment (HTA), thereafter issue of NIPUN certificate.



## Highlights of the MoU

- Joint research and project work in developing innovative medical diagnostics products
- Joint publication
- Access to Research laboratories and equipments
- In-plant training for Biomedical students

## Biovision Medical System

A Memorandum of Understanding (MoU) between Agni College of Technology and Biovision Medical system Chennai (p) Ltd was signed for Industry and Institute collaboration.



## Oncomechanics Project in collaboration with CSIR

It is a privilege in the history of Agni College of Technology to co-host the project sponsored by the Govt of India, India Mission project, supported by LIT Academy-Industry Partner by the Computer science Engineering & Biomedical Engineering Departments of Agni College of Technology. Dr. Karthilkeyan from Rai Memorial provided various inputs and expectations from the oncology solutions. The alpha version of the product was demonstrated in Adyar cancer institute

## TRAINING @ Agni

$$\begin{matrix} \text{200 HRS OF} \\ \text{COMMUNICATION} \\ \text{SKILLS} \end{matrix} + \begin{matrix} \text{260 HRS OF} \\ \text{APTITUDE} \\ \text{SKILLS} \end{matrix} + \begin{matrix} \text{320 HRS OF} \\ \text{TECHNICAL} \\ \text{SKILLS} \end{matrix} = \begin{matrix} \text{780} \\ \text{Hours / Student} \end{matrix}$$

## HANDS-ON INDUSTRIAL TRAINING WITH REAL-TIME PROJECTS



20  
Students



20  
Students



20  
Students



20  
Students



20  
Students



20  
Students



# INTERNSHIPS @ Agni



4 Students



DyAnsyz<sup>®</sup> 2 Students



Mahatma Gandhi Hospital 3 Students



Transhealthcare  
India Private Limited  
TECHNOLOGY TO SAVE LIVES

2 Students



Chettinad  
Health City

6 Students



Gleneagles Global Hospitals  
A PARKWAY PANTAI ENTERPRISE

17 Students



Mahatma Gandhi  
Medical College & Research Institute 2 Students



12 Students



SIMS  
SRM INSTITUTES FOR MEDICAL SCIENCE  
VADAPALANI

2 Students



5 Students



VIJAYA GROUP OF HOSPITAL 2 Students  
UNIT OF VIJAYA MEDICAL & EDUCATION TRUST



2 Students



Veritas Curat 6 Students



4 Students



6 Students



Stanley  
Medical College 3 Students



2 Students



3 Students



SRI NARAYANI HOSPITAL  
& RESEARCH CENTER  
Service with Love

2 Students



Phoenix Medical Systems (P) Ltd.

5 Students



GARUDA MED EQUIPMENTS

1 Student



Retch Solutions 5 Students



1 Student



LUB DUB<sup>®</sup>  
MEDICAL  
the art of life support

5 Students



## UNIVERSITY RANK HOLDERS



**Mahashruthi. S**  
B.E.(BME) 2014-18  
Rank -4



**Gayathri. M**  
B.E.(BME) 2014-18  
Rank -21



**Pragatheeswaran. K**  
B.E.(BME) 2014-18  
Rank -25



**Aadithya. S.V**  
B.E.(BME) 2014-18  
Rank -31



**Saravanan. M**  
B.E.(BME) 2014-18  
Rank -32



**Kousalya. M**  
B.E.(BME) 2014-18  
Rank -35



**Sreelakshmi. R**  
B.E.(BME) 2014-18  
Rank -38



**Leela. R**  
B.E.(BME) 2014-18  
Rank-37

## OUTSTANDING ALUMNI



**Reshma A**  
 **Abbott**



**Gowtham V**  
 **PHILIPS**



**Pragatheeswaran K**  
 **CURA**  
www.cura.in



**Afnan Priyanka A D**  
 **Transhealthcare**  
India Private Limited  
TECHNOLOGY TO SAVE LIVES



**Kavya Jayakumar**  
 **ZOHIO**



**Aadithya S V**  
 **DyAnsys®**



**Jonita Jenifer V**  
 **Chettinad**  
Health City



**Angelin Joy A**  
 **Omega**  
Healthcare  
Endocrine & Metabolic Associates

## PLACEMENT @ Agni

**ALL Students  
are placed in  
core industry**



## 300 STARTUPS @ Agni

Biomedical engineers started 55 startup companies in 2018-19



**Agni** in 'World Health Organization'



**Agni** in 'Indian Biomedical Skill Consortium'

Agni's biomedical engineers steer into national and international arena with leadership contribution in Indian Biomedical Skill Consortium & World Health Organization.

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