



COUNSELING CODE

1316

CHEMICAL ENGINEERING

CENTRE OF EXCELLENCE @ Agni

MERIDIAN SCHOOL OF OIL AND GAS

The Department of Chemical Engineering is on the verge of establishing a SKID. This SKID proposal separates crude oil from other impurities using DCS systems. Meridian School of Oil & Gas is an Industrial Training arm of Oil Tech Group of Companies which is focused to provide basic and detailed engineering of Oil & Gas and other allied industry projects. We aim in providing technical training using pipeline simulation software imparting both concepts, practical and hands-on training to the prospective students on basic piping engineering using software tools like AutoCAD and 3D modeling software. Moreover, we intend to provide industrial exposure to the students so that they can be easily absorbed by the industries, EPC contractors and consultants.

Outcomes: The students will be able to: ■ Understand basic Operation of the Equipments ■ Develop models for chemical processes ■ Analyze and predict the process dynamics ■ Develop the programming skills to resolve dynamic process and control problems.



Seagrass Tech Private Limited

The Department of Chemical Engineering has signed an MOU with Seagrass Tech Private Limited, a global venture startup in India to develop a harvesting technology platform that uses non-potable water, such as seawater, and non-arable land to grow marine micro algae. Centre of Excellence with Seagrass Tech Private Limited was set in our Campus on 03.08.18. Seagrass Tech Private Limited, a global venture startup in India has developed a harvesting technology platform that uses non-potable water, such as seawater, and non-arable T-sunami affected land to grow marine micro algae. Sea Grass is planned for a space of 20 ft x 10 ft along with round the clock air conditioner facility and a power back up facility along with water for developing our pilot level photobioreactor system (10000 L) for growing and testing their value added marine micro algae in our institution. Along with their expertise and our Chemical Engineering faculty members' expertise, they would like to develop this system. Some of the students may also get attached to this joint project.

INDUSTRY POWERED LABS @ Agni

Heat Transfer Lab



Mass Transfer Lab



Mechanical Operation Lab



Memorandum of Understanding (MoU) @ Agni

Bioneemtec India Pvt Ltd

Bioneemtec India Pvt Ltd. with a mission to develop a unique laboratory for Analytical, Natural products and Synthetic chemistry, is aligned with the department of Chemical Engineering and signed MOU on 15.10.18 to integrate research, development, and commercialization of potentially useful natural compounds / products from plants, microbes, algae, sponges etc.



TRAINING @ Agni

200 HRS OF
COMMUNICATION
SKILLS

260 HRS OF
APTITUDE
SKILLS

320 HRS OF
TECHNICAL
SKILLS



780
Hrs/Student

HANDS ON INDUSTRIAL TRAINING

In-vitro Cultivation of oysters



Second Year Chemical Students S.Shyam, M.Akash and K.Pradeepa Priyadarshini posing with Oyster Mushroom

IICChE Membership Association

Our faculty and students are members of Indian Institute of Chemical Engineers. We have started a Students' Chapter with Indian Institute of Chemical Engineers, Kolkata.

Dr.M.Srividhya, Associate Professor, Head in charge attended the HOD's meeting organised by IICChE, Chennai Regional Centre in Crystal Growth Centre, Anna University on 27.07.18



IICChE Student Chapter Inauguration

The Department of Chemical Engineering inaugurated IICChE student chapter on 5th January, 2019.

Chief Guest

Dr.N.Balasubramanian, Hon.Secretary , IICChE-CRC, Professor, Department of Chemical Engineering, AC Tech Campus, Anna University.

Guest of Honor

Mr.D.Gokul, Treasurer ,IICChE-CRC, Scientist,SHAR- ISRO, Andhra Pradesh.



INTERNSHIP @ Agni

Name of Company	No. of Students Attended	Logo
Malladi Pharmaceuticals Pvt. Ltd, Ranipet	2	
Orchid Pharmaceuticals, Alathur	6	
CIPET, Guindy	12	
Solara Pharmaceuticals, Ranipet	6	
Tamilnadu News Print & Paper Ltd, Trichy	1	
Bioneem Tec India Pvt Ltd, siruseri	13	
Kaleeswari Refineries Ltd, Chennai	3	
CETEX Petrochemicals, Mannali	4	
EAU chemicals, Keelkatalai	4	
Sripathy paper Boards Pvt Ltd, Erode	3	
Thirumalai Chemicals Pvt Ltd, Ranipet	2	
Kothari Chemicals	2	
Karpagambal Paper mills Pvt Ltd, Manapparai	1	
TCP Pvt Ltd, Madurai	3	

Guest Lecture @ Agni

Ms.B.Sangeetha, Assistant Manager, Corporate Safety, **Orchid Pharma Limited** on the topic of Chemical Engineers and their roles in industry on 5.8.2018.



300 STARTUPS @ Agni



Students of Chemical Engineering dept initiated 37 Startups

300
Startups



SEMINAR / WORKSHOP @ Agni

One day Seminar on "Applications of Nanomaterials in Chemical Engineering"

The Department of Chemical Engineering conducted a one-day seminar titled "Applications of Nanomaterials in Chemical Engineering" on 21 Dec 2018. There were a lot of presentations, interactive sessions with industry experts and a detailed introduction to some of the real time applications of Nanomaterials in Chemical Engineering.



Dr.R.Jayavel, Director, Centre for Nanoscience & Technology, Anna University Handled Session On Industrial Applications of Nanoparticles.

INDUSTRIAL VISIT



Second and Third Year students went for an Industrial visit to Hatsun Agro Products, Kancheepuram on 3rd August, 2018.



Department of Chemical Engineering arranged an Industrial visit to CIPET on 7th January, 2019 for the students of II & III Year.



Industry Institute Connect:

On the course of tie up with **CSIR - CLRI**, Mr. Shanmugasundaram and Mr. Vasagam of CLRI visited ACT on 15.10.18. This tie up would provide projects and training to our students increasing their employability skills

COUNSELING CODE
1316

Agni College of Technology

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

Follow us on

