

AMAL JYOTHI COLLEGE OF ENGINEERING

(Affiliated to APJ Abdul Kalam Technological University
Kerala, Approved By AICTE New Delhi)

DEPARTMENT OF CHEMICAL ENGINEERING



Bi-Yearly Newsletter JUNE 2018

National Workshop ITTBS-2018

The Department of Chemical Engineering at Amal Jyothi College of Engineering presents a platform for policymakers, researchers, academia and industries to come together for a conclave on the future prospects of toilet technologies for better sanitation. Unlike the usual monotony on technical aspects alone, the aim of this workshop is to provide an opportunity for an interaction between policymakers and researchers in the field. This amalgamation can bring about a positive thrust as various stakeholders come together to share and learn.



FDP on Safety Orientation and Accident Prevention

Safety awareness is a constant realization every employee must have at all times. It goes beyond what they learn in the safety training classroom and at morning safety meetings. Being constantly aware of how they're operating at work and being able to recognize hazards is critical in mitigating safety-related risks.

In addition, safety awareness goes beyond the obvious hazards like machines, and electrical safety.

safety is such an important part of our daily lives, it's important to remain aware of potential safety issues at all times and consciously act in safety's best interest



ACHIEVEMENTS

Amal Jyothi College of Engineering is nominated as Annual Organizational Member of the Indian Institute of Chemical Engineers for the year 2017-18.

Production and sale of cleaning products under EDSI of CHE dept is going well. During the last three months (April, May, June 2018) the dept sold out 60L of handwash, 240L floor wash, 130L of soap oil and 25L of toilet cleaner.

ACHIEVEMENTS-STAFF

Dr. David K Daniel, Prof. CHE, who joined two weeks ago, was formally introduced to the Academic Council by the Principal.

PAPER PUBLICATIONS & CONFERENCE PRESENTATIONS

1. Dr. David K Daniel, P/CH published a paper in the International journal of Food Science and Applied Biotechnology.

STUDENTS-ACHIEVEMENTS

PAPER PUBLICATIONS AND CONFERENCE PRESENTATIONS

1. Five S8 students made an oral presentation of their final year project outcomes on April 23, 2018 at the “National Conference on Recent Advances in Chemical Engineering” organized by the Department of CHE, MVJ College of Engineering, Bangalore



WORKSHOPS/TRAINING PROGRAMS

1.CHE DEPT-YOKOGAWA INDIA LIMITED conducted an interactive technical session on Digital Distributed Control System (DCS) & Field Instruments to S6 & S8 CHE students on Feb 5, 2018.

2.A 10-user license for PETROSIM has been provided by KBC, UK for training UG students and faculty in the area of simulation and optimization of CH industries.

VISION

Accomplish global recognition in the field of Chemical Engineering by generating highly efficient and committed engineers, entrepreneurs and Researchers who would excel in conventional as well as emerging areas.

MISSION

Graduates of Chemical Engineering Program shall be able to:

- 1.Successfully apply the knowledge of principles of science and engineering to identify and solve the real-life problems in Chemical Engineering and allied areas.
- 2.Foster research skills to develop sustainable solutions for Chemical Engineering problems.
- 3.Acquire essential managerial skills and ethical values to develop oneself as a true leader and a team player.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Our graduates shall:

1. Excel as engineers or pursue higher studies in Chemical Engineering with a strong fundamental knowledge laid during undergraduate education.
2. Practice as entrepreneurs with ethical attitude and social responsibility.
3. Exhibit an innovative approach for facing the current technical and environmental challenges faced by the society.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- To provide high quality education and training in tune with the developments in Chemical Engineering.
- To develop entrepreneurship skills for transforming knowledge in to socially relevant quality products.
- To encourage research and development activities and industry - institute interactions for the technical advancements of students.
- To impart awareness of professional ethics, social responsibilities and Sustainable development for serving the society.

EDITORIAL MEMBERS:

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- Ashwin shibu
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- Ganga Anil