

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 DECEMBER 2019

TECHNICAL CLASS ON PROCESS SAFETY

Mr. Nandkishor Varma, self-employed consultant in the field of process safety conducted technical class on Process Safety which provided participants an opportunity to familiarize with the notion of “safety”, its relevance and its application in the process industry.



INTERNATIONAL DAY FOR TOTAL ELIMINATION OF NUCLEAR WEAPONS

On the 27th of September 2019, IICHE Student Chapter of Amal Jyothi College of Engineering in the commemoration of “International day for elimination of nuclear weapons” conducted an essay competition on the topic “Nuclear Weapons-An anecdote of War and Peace”. The essay was judged on the basis of the student’s presentation, creativity, and data analysis and the purpose of the competition was to encourage the students to enhance their thinking, technical and writing skills.





STUDENT SOLAR AMBASSADOR WORKSHOP- 2019



A workshop was conducted on October 2nd, 2019 under UBA(Unnat Bharat Abhyian) programme. The students were given a lecture on the need for solar energy capture and its use as a renewable source of energy. It provided an opportunity for the school students to familiarize with the assembly of solar study lamps and associated testing methods of each component in the kit.

INTERNATIONAL DAY FOR DISASTER REDUCTION



Ideasis competition was held for the students of Chemical Engineering Department in the commemoration of “International day for disaster reduction” on 14th of October. The purpose of the competition was to encourage the students to enhance their thinking, technical knowledge, presentation and writing skills. The topic given to the participants was the situation of “Bellandur Lake, Karnataka”. The participants were asked to write about five possible causes and five solutions for this situation. The answers were judged on the basis of the student’s knowledge, idea and the ability to understand the problem technically.



STUDENT ACHIEVEMENTS

- Asha Elizabeth, Ashly James, Abhiramy KS and Dilish Joseph (S6 CH) I2U team under the guidance of Dr. Abhinav K Nair have won the second position in the Idea Storm competition conducted at MES Advanced Institute of Management and Technology (MES AIMAT) Marampally Aluva.
- Nibin Jose Baby, Sebin Sunny, Mathews Reji, Abhinav K Nair presented a paper titled "TiO₂ nanaosheet/cellulose acetate nano composite floating photocatalyst for solar degradation of pollutants" in the 'National Conference on Green Technology for the Clean and Green India' organised by IEI Karnataka State Centre on 17-18 August.
- B-Tech 2018-2022 S2 results: Pass percentage is 75 and 11 students have obtained a SGPA above 9 with Ms. Nissy Mary Santhosh as the Department Topper securing SGPA 9.87 and CGPA 10.

FACULTY ACHIEVEMENTS

- Ms. Jayasree PK's research paper entitled "Chromium Removal by Eclipta prostrata (Bhringraj) plant powder: Thermodynamic Study and Characterization" is accepted for publication in Indian Journal of Environmental Protection.
- Dr. Abhinav K Nair (AP-CHE) presented a paper titled "TiO₂ nanosheet-graphene oxide composite, an easily recoverable photocatalyst for dye degradation" at the International Conference on Advanced Materials at Nirmalagiri College, Kannur during 12-14 June 2019.
- Dr. Mohan Raj N published a paper entitled "Decolourization of anionic and cationic dyes by electro-adsorption process using activated carbon electrodes" in the 'Indian Journal of Chemical Technology (CSIR-NISCAIR). IJCT Vol. 26(4) [July 2019]
- Mr. Deepak Roy George passed the examinations of NEBOSH International General Certificate in Occupational Safety.



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

- To provide high quality education and training in tune with the developments in Chemical Engineering.
- To develop entrepreneurship skills for transforming knowledge into 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.

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