

IICHe – TKMCE STUDENT CHAPTER – REPORT (2015-16)

During the last academic year, IICHe-TKMCE students chapter were able to successfully conduct and co-ordinate various programs efficiently.

The activities conducted were:

1. General Body Meeting

The general body meeting of the IICHe Student Chapter for the academic year 2015-16 was held on 08/07/2015. The main agenda of the meeting was to elect new office bearers for the academic year 2015-16. The office bearers for the academic year 2015-16 are listed below.

Mr. Shabeeb K.T (Secretary)

Akshay N. (Joint Secretary)

Sharoo Imthias (Treasurer)

Executive Members: Shuhaib Zubair A K

R.S.Parvathy

Kiran Abraham Jacob

Divya George

Kiran Chand

Nagaswarupini S

Head of the department, Dr. K.B.Radhakrishnan specifically addressed the students of first year Chemical Engineering during the meeting and during his short speech he pointed out the significance of being student members. The meeting also decided to enroll the first year students as IICHe student members.

2. Interactive session on “ Career Opportunities in Chemical Engineering”

An interactive session on “Career Opportunities in Chemical Engineering” by Prof. Chinthu Prasad.S.D, Asst. Professor, Department of Chemical Engineering, TKMCE was conducted on 3rd August, 2015 for the final year students. The objective of the session was to give the students an overview of different sectors where they can find a job upon obtaining their graduation. During the session, the students also shared their thoughts and expectations regarding Chemical Engineering and the upcoming GATE-2016.

3. Two Day Workshop on “Computer aided Process Simulation and Design”

The workshop was focused on the applications of different simulation tools for the design of equipments related to the field of Chemical Engineering. The workshop was conducted from 11th August, 2015 to 12th August, 2015. The students were given with sufficient number of tutorials related to different simulation tools. The sessions were handled by Dr. P.A.Solamon (Professor & Head, Dept. of Chemical Engineering, Govt. Engineering College, Thrissur) and Prof. A.M.Manilal (Asst. Professor, Dept. of Chemical Engineering, Govt. Engineering College, Thrissur)

4. Just a minute (JAM)

JAM was conducted on 7th September, 2015 which comprised of a single round in which the participant was given a general topic and asked to talk about the same in one minute. The topics were from different fields such as politics, literature, green ideas, and energy and so on. It tested the vocabulary skills, spontaneity of speech and clarity in thoughts.

5. Invited Lecture

An expert lecture on “**Piping and Instrumentation Diagrams**” by Mr. Prasanth Sreenivasan, Director, Petrocil Engineers and Consultants Pvt. Ltd., Varkala/Trivandrum was organized on 8th September, 2015 in the department seminar hall by IChE student Chapter. The talk was based on the significance, applications and the development of Piping and Instrumentation diagrams.

6. Quiz Competition- “The Quest”

The quiz competition was conducted based on the topic “Natural Phenomenon” exclusively for the first year students. 10 teams of 2 members each were selected for the program conducted on 23rd October, 2015. The questions were from the various fields relating to energy conservation, green ideas and environmental ideas.

7. Aeromodelling Competition

Aeromodelling competition was conducted on 6th January, 2016. The event saw a brilliant display of creativity. The winners were selected based on their novelty and skill.

8. “Talk on “Introduction to Paper Presentation”

A lecture on “**Introduction to Paper Presentation**” by **Prof. Fazil.A**, Asst. Professor, Department of Chemical Engineering, TKMCE was conducted on January 15th, 2016 for the pre-final year students. The speaker emphasized the need and importance of student research works, presenting and publishing the works in international/national conferences and in reputed journals. The speaker also pointed out the key areas where students need to concentrate and the skills needed on developing a paper.

9. Lecture Programme

Few of the students of the association were given an opportunity to present seminars on topics of their interest related to Chemical Engineering and allied areas. Following are the two major lectures conducted during the present academic year.

- a. Presentation on “**Shale Gas**” by Steffin John Eapen, sixth semester B Tech. Chemical Engineering student on 14/01/2016.

- b. Presentation on “**Catalyst Structure**” by Nithin Sebastian Kuncheria, sixth semester B Tech. Chemical Engineering student on 19/01/2016.

10. Video Show

The IChE student chapter organized a video show for the students of the department on the theme “**Chemicals that can kill**” on 12/02/2016. The program was conducted in the department seminar hall.

11. Chemical Engineering Quiz

The quiz competition was conducted in co-ordination with IIT Guwahati. 18 teams of 2 members each were selected for the program conducted on 23rd February, 2016. The questions were from the various fields relating Chemical Engineering.

12. Invited Lecture

Invited talk on “**Science behind Natural Phenomena – Analysis & Interpretations**” by Mr. Sujith R, Scientist, VSSC, Trivandrum organized by the Department of Chemical Engineering, TKMCE, Kollam in association with IChE students chapter on 31st March, 2016 in the department seminar hall

13. Invited Lecture

An expert lecture on “**CVD and its Applications**” by Dr. Giridhar R Nair, Head of the Department, Department of Biotechnology & Biochemical Engineering, Sree Buddha College of Engineering was organized on 8th April, 2016 in the department seminar hall by IChE student Chapter. The talk was based on the significance and applications of CVD as a recent advanced technique.

14. One Day workshop on “Perspectives, Prospects and Problems in value addition of Beach Sand Minerals”

One day Workshop on “Perspectives, prospects and problems in value addition of beach sand minerals” organized by the department of Chemical Engineering, TKM College of Engineering, Kollam under TEQIP-II, was an attempt to sort out the associated issues and opportunities in this industrial sector and create awareness among the participants in recent perspective, prospects, challenges and innovations in beach sand minerals. The students of the department actively interacted with the eminent resource persons from the industries which helped them develop an insight into the perspective, prospects, challenges and innovations in beach sand minerals. The workshop was conducted on 5th February, 2016.
