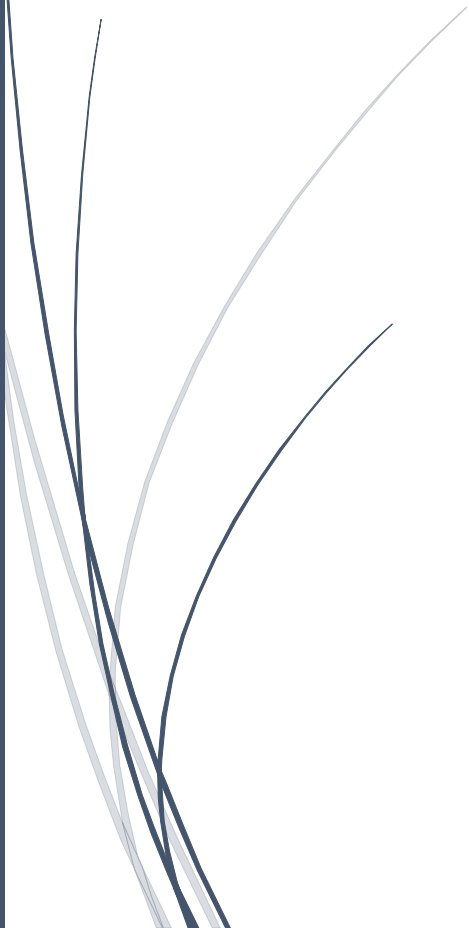


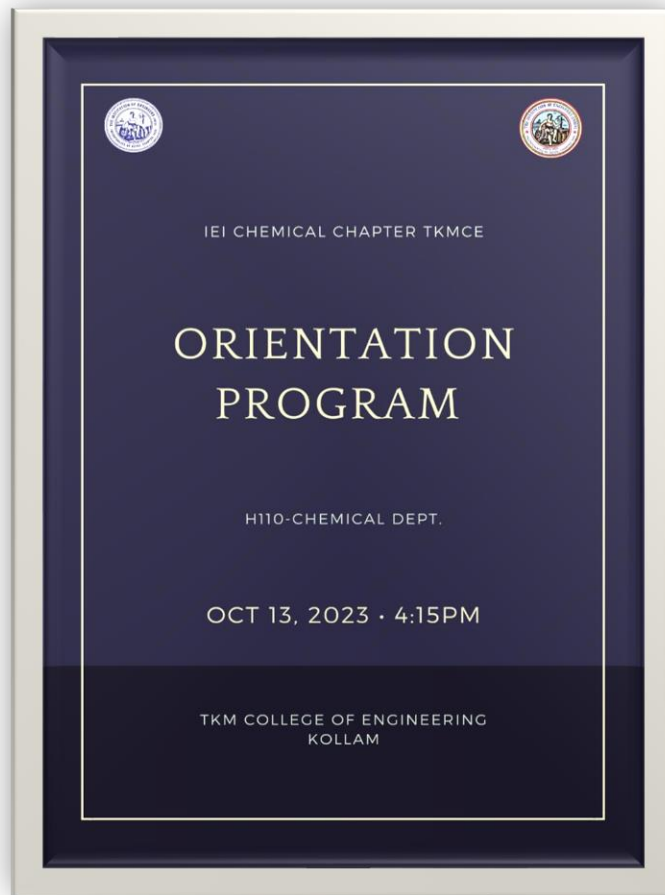


IEI CHEMICAL TKMCE

ANNUAL REPORT 2023-24



FIRST YEAR ORIENTATION



First Year Orientation Program: A Gateway to the World of Chemical Engineering

On October 13, at 4:15 PM, H10 Chemical Engineering Dept. at TKM College of Engineering (TKMCE) hosted the IEI Chemical Chapter's orientation program for first-year students. This meticulously organized event aimed to introduce new students to the dynamic field of chemical engineering, outlining the chapter's operations and the numerous benefits of membership.

Aim of the Event:

The primary objective of the orientation program was to familiarize first-year students with the IEI Chemical Chapter, its mission, and the various opportunities it offers. The event aimed to inspire and motivate students to actively participate in the chapter's activities, thereby enhancing their educational and professional development.

Overview of the IEI Chemical Chapter:

The session began with a comprehensive introduction to the IEI Chemical Chapter. It was emphasized that the chapter is part of the esteemed Institution of Engineers (India) (IEI), committed to promoting excellence in chemical engineering practice and education. The chapter serves as a platform for students to engage in professional development, networking, and knowledge sharing.

Working of the Chapter:

Students were briefed on the structured and strategic approach of the IEI Chemical Chapter. Regular meetings, technical workshops, seminars, and industry visits form the backbone of the chapter's activities. These initiatives are designed to provide practical exposure and enhance theoretical learning. Key activities such as Chem-E-Car competitions, MATLAB workshops, and industry expert talks were highlighted as fostering skill development and professional growth.

Benefits of Membership:

The orientation emphasized the numerous benefits of joining the IEI Chemical Chapter:

1. **Networking Opportunities:** Members can connect with industry professionals, researchers, and alumni, thereby building a robust professional network.
2. **Access to Resources:** Membership provides access to a vast array of technical resources, journals, and publications, keeping members updated with the latest advancements in the field.
3. **Professional Development:** Through mentorship programs, career guidance sessions, and leadership opportunities, members can develop essential skills for their future careers.
4. **Exposure to Innovations:** The chapter offers exposure to cutting-edge research and emerging trends in chemical engineering, preparing students for future challenges and opportunities.

Interactive Session:

The event included an interactive Q&A session where first-year students had the opportunity to ask questions and express their interests. Senior members of the chapter shared their experiences and provided insights into how active participation in the chapter had positively impacted their academic and professional lives.

Conclusion:

The orientation program concluded with an invitation for the first-year students to join the IEI Chemical Chapter, marking the beginning of an exciting journey in chemical engineering. The event was a resounding success, with enthusiastic participation from the new students, setting the tone for their active involvement in future chapter activities.

By integrating new students into the IEI Chemical Chapter, TKMCE continues to uphold its commitment to nurturing talent and fostering excellence in chemical engineering. This orientation program stands as a testament to the chapter's dedication to empowering the next generation of engineers

STARKSCIENCE



STARKSCIENCE Sci-Fi Discussion Extravaganza

On November 14, the IEI Chemical Chapter at TKM College of Engineering (TKMCE) hosted an exclusive event titled "STARKSCIENCE" in the EEE Seminar Hall at 4:30 PM. This unique Sci-Fi Discussion Extravaganza was designed specifically for first-year enthusiasts, providing a platform to explore the intriguing intersection of chemical engineering and science fiction films.

Aim of the Event:

The primary aim of STARKSCIENCE was to ignite curiosity and foster a deeper understanding of how chemical engineering concepts can be applied and visualized through the lens of science fiction. The event sought to create an engaging environment where students could discuss and debate the scientific principles depicted in popular sci-fi movies, thereby enhancing their appreciation of both science and cinema.



Event Highlights:

- **Interactive Discussions:** The event kicked off with vibrant discussions that encouraged participants to delve into various sci-fi films, examining the scientific accuracy and creative liberties taken by filmmakers. Topics ranged from futuristic technologies and chemical processes to ethical implications and theoretical possibilities.
- **Engagement and Enthusiasm:** The seminar hall buzzed with energy as first-year students actively participated, sharing their insights and posing thought-provoking questions. The enthusiasm was palpable, with many students expressing newfound interests in both chemical engineering and science fiction.
- **Networking Opportunities:** STARKSCIENCE provided a unique opportunity for students to connect with like-minded peers. These interactions fostered a sense of community among the first-year students, helping them build friendships and professional relationships within the chapter.

Key Takeaways:

The event successfully demonstrated the relevance and excitement of chemical engineering in a futuristic context. Participants left with a deeper understanding of how their studies could one day contribute to real-world advancements reminiscent of those seen in science fiction. Additionally, the event highlighted the importance of creativity and imagination in the field of engineering.

Conclusion:

STARKSCIENCE was a resounding success, leaving a lasting impression on all who attended. The seamless blend of chemical engineering concepts with sci-fi themes captivated the first-year enthusiasts, creating an unforgettable and inspiring experience. This event exemplifies the IEI Chemical Chapter's commitment to innovative and engaging educational activities, contributing to the holistic development of its members.

The IEI Chemical Chapter at TKMCE looks forward to organizing more such stimulating events that continue to spark curiosity and passion among its members.



PERFECT MURDER



‘Perfect Murder’ - Event at Hestia '24

On May 5, 2024, the IEI Chemical Chapter organized the "Perfect Murder" event during Hestia '24 at the Chemical Seminar Hall. This unique event delved into the realms of mystery and intrigue, inviting participants to don their detective hats and unravel a complex mystery.

The primary aim of the event was to foster critical thinking, enhance problem-solving skills, and promote teamwork among participants by engaging them in a challenging and intellectually stimulating activity.

Participants tested their detective skills by questioning suspects, gathering clues, and deciphering motives, means, and opportunities, ultimately solving the mystery at hand.

The event featured a registration fee of ₹50 per individual and ₹200 for a group of five, offering a substantial prize pool of ₹12,000. This added an element of excitement and competitiveness, attracting 25 participants from various colleges across India, highlighting the event's broad appeal and the enthusiasm it generated among a diverse group.



Event Highlights

- First Prize : Team Eclipse, who showcased exceptional problem-solving abilities.
- Second Prize : Team Enigma, recognized for their analytical skills and teamwork.
- Best Murder Plot : Team Nexus, awarded for their creativity and attention to detail in crafting an engaging storyline.

The "Perfect Murder" event was a resounding success, challenging intellects and testing abilities.

It provided an unforgettable experience, culminating in the emergence of champions who demonstrated remarkable detective prowess. The event not only highlighted the ingenuity and enthusiasm of the participants but also underscored IEI Chemical's commitment to fostering analytical thinking and creativity among students.

In summary, "Perfect Murder" was a standout event in our 2023-24 annual calendar, enriching the Hestia '24 festival and leaving a lasting impact on all who participated.

