



DEPARTMENT OF CHEMICAL ENGINERING

CALENDAR OF EVENTS

ACADEMIC YEAR
2023 - 24





Inauguration - "Indian Institute of Chemical Engineers – Student Chapter"

> ABOUT THE EVENT

The inauguration of the "Indian Institute of Chemical Engineers -Student Chapter" was a momentous occasion. The event brought together students, faculty members, and industry professionals to mark the inauguration of student chapter, aimed at fostering academic and professional growth in the field chemical engineering. The ceremony commenced with a warm welcome and introduction, setting the tone for the significance of the occasion. Dignitaries, including academic leaders and industry experts, graced the event to provide their support and insights.





Hindusthan

College of Engineering and Technology

An Autonomous Institution

Valley Campus, Pollachi Highway, Coimbatore 641 032

Department of Chemical Engineering





Inauguration of "Indian Institute of Chemical Engineers (IIChE) -Student Chapter"

Seminar on "Innovations and the Importance of Unit Operation Skills in Cement Industry Processes"



Chief Guest Mr ANTONYSAMY A

Process Engineer
Tamilnadu Cements Corporation Limited
Arrealor

17.10.2023 | 10.00 AM Ganga Hall

Patrons
Dr K Karunakaran, CEO
Hindusthan Educational Institutions.
Dr J Jaya. Principal

Convener Dr Seenuvasan M. Head

Co-ordinators

Prof. Ezhilan S. Assistant Professor Mr Dineshkumar M. Assistant Professor

Cordially Invites you all

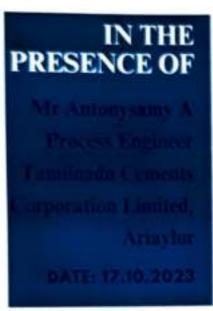
>>> OUTCOME

Following the keynote address, the official inauguration of the student chapter took place, symbolizing the commitment to promoting excellence in chemical engineering education.

The event also featured an interactive session, provided students with a platform to engage with professionals, ask questions, and gain insights into the practical applications of their academic studies.



Inauguration of "Indian Institute of Chemical Engineers – Student Chapter'2023 & Chemical Engineering Students Association'2023



>>> ABOUT THE EVENT

The inauguration of the "Indian Institute of Chemical Engineers Student Chapter" was a momentous occasion. The event brought together students, faculty members, and industry professionals to mark the inauguration of student chapter, aimed at fostering academic and professional growth in the field of chemical engineering.

The ceremony commenced with a warm welcome and introduction setting the tone for the significance of the occasion. Dignitaries including academic leaders and industry experts, graced the event is provide their support and insights.

The highlight of the inauguration was the keynote address delivered by Guest. The speaker shared valuable insights into the current trends, challenges, and opportunities in the industry, inspiring the students to strive for excellence in their academic and professional pursuits.

Following the keynote address, the official inauguration of the student chapter took place; symbolizing the commitment to promoting excellence in chemical engineering education.

The event also featured an interactive session, provided students with a platform to engage with professionals, ask questions, and gain insights into the practical applications of their academic studies.





CHEMERSATZ'2023

Second National Level Technical Symposium



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(AN AUTONOMOUS INSTITUTION)

VALLEY CAMPUS , POLLACHI HIGHWAY , COIMBATORE -641032 www.hicet.ac.in

DEPARTMENT OF CHEMICAL ENGINEERING
Association with
IICHE STUDENT CHAPTER

ORGANIZES





17th OCTOBER 2023





SCAN FOR EGISTRATION



FOR REGISTRATION BChE Members: Rs. 100 Non-BChE Members: Rs. 150 Mail Your Abstract :

(Not more than 200 words on or before 14.18.2023) chemersatz2022@hicet.ac.in Registration: https://forms.gleim5nQtw1PA4IYvoYIZ

STAFF COORDINATORS

Er. Sathish J - 9626020028 Er. Nagui Dev S - 9842023028 Er. Dinesh Kumar M- 9597351722

EVENTS

- Paper Presentation
- · Poster Presentation
- Technical Quiz
- Connexions

STUDENT COORDINATORS Mr. Vinayagam M - 6379262002 Mr. Bhuvaneshwaran B - 8925245036 Mr. Deepak P - 8668133564

17 OCTOBER 2023



>>> POSTER PRESENTATION

>>> TECHNICAL QUIZ

>>> CONNEXIONS

TECHNICAL PRESENTATION

Technical presentations, which usually center around a particular subject linked to science; technology, or engineering, are an organized means of communicating complicated information to an audience. Simplifying and effectively communicating technical ideas in an engaging way is the aim.

IN THE PRESENCE OF

Mr Antonysamy A
Process Engineer
Tamilnadu Gements
Corporation Limited,
Ariaylur

POSTER PRESENTATION

Mr. J. Sathish explained about Paper presentation rules and regulations to be followed in the event. Finally the judgement was done by external Mr. A. Antonysamy from Tamilnadu cements corp.Ltd Ariyalur and Dr.B.Vijayakumar, Associate Professor, Department of Petrochemical Engineering, RVS college of Engineering and Technology.









CONNEXTIONS

Certain outcome of the event are,

- M. Mr. Dineshkumar explained about CONNEXIONS rules and regulations to be followed in the event.
- · The event started with preliminary round of 5 questions for each team which is related to general knowledge and engineering words.



· Out of 15 teams short listed to 4 teams. Final round conducted for short listed team which related to disaster and chemical process. At last the participation certificates were distributed to all the participants who all participated in the event. The first place goes to Kongu Engineering College and second place goes to Nandha Engineering College.



TECHNICAL QUIZ

Certain outcome of the event are.

- Students understand and gain knowledge of specific technical topics.
- · Students learnt fundamentals of Heat, Mass and Unit operations.
- Students gained knowledge on GATE technical question which is conducted on Technical quiz session.

TECHNICAL SEMINAR

Certain outcome of the event are,

- · Highlights the significance of unit operation skills and their role in the cement manufacturing sector.
- It emphasizes the need for both traditional and innovative approaches in this industry to optimize production, improve efficiency, and meet environmental goals.



- · Unit operation equipment used in the field of chemical engineering, making it a valuable learning experience for the students.
- Attendees gained exposure to industry best practices, safety protocols, and efficiency measures employed at the plant, providing them with real-world insights into their field of study.
- The event facilitated networking opportunities, allowing students to connect with industry professionals and potentially explore future career prospects or internships.

TREE PLANTATION FOR SUSTAINABLE DEVELOPMENT



About the event

The tree planting by the chief guest, the Dea academics, Dean -Students affairs, Dea Innovations symbolized a commitment environmental awareness and sustainability promoting the importance of green initiative within the college community.

The addition of new saplings on the collection campus not only contributes to environment conservation but also enhances the aesthet appeal, creating a more pleasant and greenvironment for students and staff.

This act of tree planting could serve as a educational opportunity for students to lead about the significance of afforestation, the roof trees in mitigating climate change, and the importance of preserving the environment. The saplings planted by the chief guest and the dean of academics can be seen as symbols growth and development, reflecting the aspirations and progress of the college as nurtures its students and academic programs?





One day Industrial Visit-Hindusthan Pipes

>>> OUTCOME

The visit helps the students to understanding of various materials used in pipe manufacturing, such as steel, plastic, copper, and their respective properties, advantages, and limitations.





Students learn about the different methods used to manufacture pipes, including extrusion, welding, and seamless pipe production.

Students gain knowledge about quality control and testing procedures for pipes to ensure they meet safety and performance standards.

Students will understand the factors that contribute to pipe corrosion and learn about maintenance and protection methods to extend the lifespan of pipes.

Students will understand the environmental impact of the pipe industry and the importance of safety measures in pipe manufacturing and installation.





Program on "Indian Constituent – Roles and Responsibilities of Citizen"

OUTCOME

Dr Magudeswaran P N interacted with the students about Indian Constitution and explained about the Struggles faced by leader for getting independence. Interacted about the Implementation of India constitution, History of India constitution, History for country's name. He gives a detailed explanation about importance of learning India constitution. Given points on role and responsibilities and benefits of learning Indian Constitution. He finally concluded about the framework specifying fundamental principles of politics designates the structure, powers, procedures, and responsibilities of state institutions. and arranges fundamental rights, the duties of citizens, and the directive principles.



Hindusthan

College of Engineering and Technology
An Autonomous Institution

Valley Campus, Pollachi Highway, Coimbatore 12

Department of Chemical Engineering



Organizes Seminar on



Indian Constitution : Roles and Responsibilities of Citizens

> Dr MAGUDESWARAN P N Professor & Dean Academics

Hindusthan College of Engineering and Technology

17.11.2023 | 03:30 FW

Technology Block, HIGT



Dr Karunakaran K. CEO Hindusthan Educational Institutions.

Dr Jaya J. Principal HiCET

Conveners

Dr Magudeswaran P N Professor & Dean

Dr Seenuvasan M.

Professor & Head of Chemical Engineering

Co-ordinators

Ms Induja P. AP / Chemical Engineering Mr Dineshkumar M, AP / Chemical Engineering

Cordially Invites you all





Program on "Beyond Borders: Embracing Diversity"



Hindusthan

college of Engineering and Technology An Autonomous Institution

Valley Campus, Pollachi Highway, Coimbatore 641 032.

Department of Chemical Engineering





Organizes Seminar on

Beyond Borders: Embracing Diversity.



Dr Ramya J

Associate Professor Department of Electronics & Communication Engineering Hindusthan College of Engineering and Technology, Coimbatore.

Venue 23 November 2023 | 11 00 am Technology Block HICET

Dr K Karunakaran, CEO

Hindusthan Educational Institutions.

Dr J Jaya, Principal, HiCET

Convener Dr Seenuvasan M. Head

Co-ordinator Ms Induja P & Mr Dineshkumar M

> Assistant Professor Cordially Invites you all

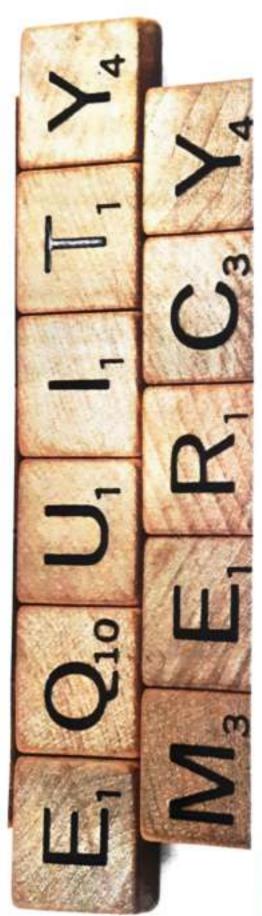


>>> OUTCOME

Dr Ramya J interacted with the students about the term diversity encompasses all differences among groups. It includes race, ethnicity, religion, culture, ability, sexual orientation, and socioeconomic status. Equity is about fairness. Cultural diversity refers to the differences among individuals based on their personal experiences and attributes. Multiculturalism is a term that is similar to diversity, but it focuses on development of a greater understanding of how power in society can be unequal due to race, gender, sexual orientation, power, and privilege. Also she explained about 7 ways to embrace multiculturalism in classroom.



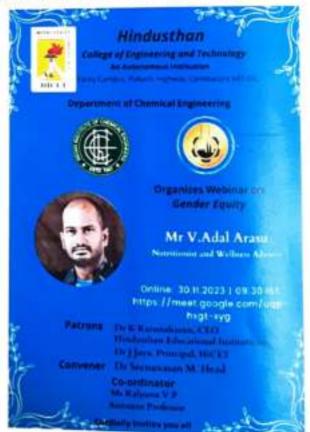
Participants enthusiastically participated



Program on "Gender Equity"

About the event

- Mr.V. Adal Arasu, interacted with the students about.
 Gender Equity. Gender equity is the process of being fair women and men.
- To ensure fairness, strategies and measures must often available to compensate for women's historical and soc disadvantages that prevent women and men from otherw operating on a level playing field. Equity leads to equality
- He concluded that, being inclusive from a gender language perspective means speaking and writing in a way that do not discriminate against a particular sex, social gender gender identity, and does not perpetuate gender stereotypes





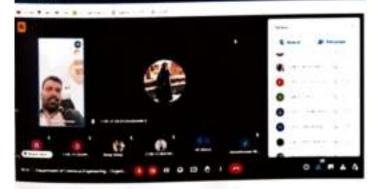


Seminar on "From Sunrise to Success: An Entrepreneurs Journey"



The subsequent Q&A session allowed for active audience participation, providing attendees with the opportunity to seek advice and gain deeper insights directly from the speaker.

He offered diverse perspectives and practical tips for overcoming challenges in the business world.



OUTCOME

The seminar, "From Sunrise to Success:
An Entrepreneur's Journey" featuring
Mr. Sakthikumar S, was a successful
event on 01.12.2023 through online via
google meet. Attendees, including
students and faculty gain insights from
Mr. Sakthikumar's extensive
entrepreneurial experiences.

Mr. Sakthikumar S delivered an inspiring keynote, sharing personal and professional insights that covered the challenges, triumphs, and pivotal moments in his entrepreneurial journey.



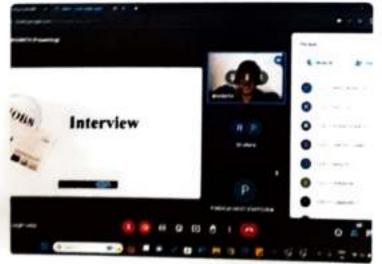
In conclusion, "From Sunrise to Success: An Entrepreneur's Journey" achieved its goals of providing valuable insights and fostering networking opportunities, showcasing the importance of such events in the entrepreneurial ecosystem. The success of this seminar suggests potential for future similar events that contribute to continued learning and collaboration within the entrepreneurial community.

Seminar on "Skill Requirements in Current Scenario for Engineers"



ABOUT THE EVENT

Mr Bharath Kalyana Sundaram introduced about him and interacted with our students. he started to talk about his career opportunities in chemical field. Chemical engineering offers a diverse range of career industries. across opportunities Professionals in this field play a pivotal role such as petroleum sectors petrochemicals, where they contribute to refining processes and the production of In pharmaceuticals fuels. chemical engineers biotechnology. are involved in optimizing drug manufacturing and developing biopharmaceuticals. explained about opportunities in design ASPEN HYSYSlike field **Process** COMSOLsimulation: Process Optimization, CMENCAD-Process Design. AutoCAD plant-3D, HTRI-Thermal Plant Design





Webinar on "Innovative Sustainable Chemical Engineering: Nanotechnology-Integrated Process Optimization-A Comprehensive Research Methodology"



Patrons

Dr Jaya J Principal

Convener
Dr Scenuvasan M
HoD/Chem Engg

Dr Karunakaran K CEO

Co-ordinator
Dr Balasubrmami K
Assoc. Prof/ Chem Engg

Fostering a multidisciplinary approach to address complex challenges in chemical engineering and nanotechnology.

Evaluate the environmental implications of integrating nanotechnology into chemical processes, presenting findings and insights that contribute to the development of environmentally friendly and sustainable practices in the chemical engineering industry.

OUTCOME

Research methodologies and strategies for process optimization within the chemical engineering domain, emphasizing efficiency, costeffectiveness, and environmental sustainability.

Discuss and present a comprehensive methodology that research of aspects various encompasses sustainable chemical engineering. collaboration Promote exchange knowledge among professionals. researchers. and experts from diverse field





Intra Department Sports Tournament and Talent Show

OUTCOME

The Department of Chemical Engineering successfully hosted an engaging Intra-Department Sports Tournament and Talent Show on February 10, 2024, at the Ground and Ganga Hall. The event witnessed enthusiastic participation from students who showcased their athletic prowess and diverse talents, contributing to a vibrant and memorable occasion



Throughout the day, participants competed in various sports activities, fostering a sense of camaraderie and sportsmanship within the department. Additionally, the Talent Show segment provided a platform for students to exhibit their creativity and skills, captivating the audience with performances ranging from music and dance to poetry and comedy.



Overall, the Intra-Department Sports Tournament and Talent Show proved to be a resounding success, fostering a sense of community and celebration within the Department of Chemical Engineering. It provided students with an opportunity to showcase their talents, forge lasting bonds, and create cherished memories that will be remembered fondly for years to come.



Memorandum of Understanding EHS-360 Labs Pvt Ltd



OBJECTIVES

Provide internship and training opportunities for students in environmental impact assessment, clearance procedures, analytical testing, and project management.

Support skill development among students through workshops, seminars, and hands-on experience in environmental health and safety management.

Promote career opportunities and placements in the environmental sector, leveraging EHS360 Labs' expertise and industry connections.

OUTCOME

EHS360 Labs Pvt Ltd, established specializes 2018. in environmental health and safety urban solutions. management industrial and infrastructure. development. With a diverse team of engineers and scientists, they offer consultancy for regulatory environmental approvals, planning, and design engineering. They provide services including inspection, fire third-party protection system design, and PPE supply.



FDP ON "Innovating Environmental Protection: Integrating Cutting-Edge Chemical Engineering Practices for Sustainable Futures"



Adopt the environmentally friendly chemical engineering practices in industries, leading to more sustainable production processes and reduced environmental impact.



Integrate the cutting-edge chemical engineering practices in urban planning, waste management, and pollution control, contributing to the development of sustainable cities.

>>> OUTCOME OF THE EVENT

Participants can able to Develop the novel and efficient water treatment technologies that significantly improve access to clean and safe water, addressing water scarcity issues.



- Implement the sustainable energy solutions through innovative chemical engineering practices, fostering the production of clean energy, reducing reliance on non-renewable resources.
- Implement the resource-efficient chemical processes that minimize waste generation, promote recycling, and contribute to responsible consumption and production.

Session on "Innovating the Start-up Eco System: Unveiling Dynamic Business Models" (An IIC **Driven Activity)**

OUTCOME <<<

More Entrepreneurs Start Businesses: New and flexible business models could inspire more people to start their own businesses.

Industries New Emerge: Creative models business might disrupt traditional industries and open up opportunities in areas like sustainable tech or healthcare.

Better Collaboration: Exploring fresh business ideas can encourage startups work together more. share knowledge, and pool resources.

Attracting Investment and Investors and skilled individuals are more likely to be interested in startups with innovative business models, which can lead to more funding and talented team members joining.







findusthan College of Engineering and Technology An Automotour Institution Affiliated to Anna 1 niversity Valley Campus, Pollacht Highway, Combutore 641 932

Department of Chemical Engineering





IIC Driven Activity

Organizes Session on

Innovating the Start-up Eco System: Unveiling Dynamic Business Models



Dr.R.Anantharai Associate Professor SSN College of Engineering Chennai

Date & Time 25.03.2024 | 12:00 Noon

Patrons Dr K Karunakaran, CEO Hindusthun Educational Institutions

Dr J Java, Principal

Venue Kurinji Hall HICET

Convener Dr Seenuvasan M. Head of Chemical Engineering

Co-ordinators Dr MS Vivek

Assistant Professor, Chemical Engineering



Cordially bivites you all





2nd International Conference in Advance in Chemical Biochemical and Microbial Technology for Sustainable

Development



>>> OUTCOME

The outcome of the 2nd International Conference would typically depend on its focus, goals, and the discussions held the event. Some common during outcomes could include: Knowledge Exchange: Participants share insights research findings, and best practice related to the conference theme or topic Research Advancement: New research methodologies, directions. collaborations may emerge, contributing to advancements in the field. Policy Recommendations: Discussions lead to the formulation of policy recommendations or guidelines relevant to the conference's subject matter.





>>> 06.04.2024

Webinar on Securing Innovation: Navigating Intellectual Property Rights

HINDUSTHAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

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Department of Chemical Engineering Inviting you all for the

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Webinar on Securing Innovation: Navigating Intellectual Proper Rights

HC self-driven activity





Dr. P. Muthumari

Professor

(An inventor for the 12 published pass

Department of Biotechnolog

P.S.R Engineering College

PRIL 06, 2024

01.30 PM

https://meet.google.com/bxj-nifr-

Patrons

Dr Jaya J Principal

Convener Seenwasan M oD/Chem Engg Dr Karunakaran K CEO

Co-ordinator Dr M S Vivek A.P/ Chem Engg

>>> OUTCOME

independing of the importance of intellectual property rights in projecting innovation and intellectual property rights in projecting innovation and intellectual property. Knowledge Expansion. Participants learn about different bypes of mielicetual property rights such an operant, trademarks, copyrights, and trade secrets, illumy with the processes involved in securing them. Practical Graduate.

Policy Advocacy. The securing them, Practical property laws and policies that promote innovation protect creature rights, and four economic property laws and policies that promote innovation protect creature rights, and four economic property laws and policies that promote innovation.

Patricipants enthus assistability participated and misson knowledge.







Workshop on "Crafting Research Proposals for Securing Project Funding"



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Department of Chemical Engineering

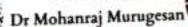




Organizes Workshop on Crafting Research Proposals for Securing Project

Funding

Resource Person



Top 2% Scientist in the Field of Energy Stanford University, USA.

Professor Department of Mechanical Engineering, HiCET, 17.05.2024 | 10:00 IST

Department of Chemical Engineering

Patrons Dr K Karunakaran, CEO

Hindusthan Educational Institutions.

Dr J Jaya, Principal, HiCET

Convener Dr Seenuvasan M. Professor & Head

Co-ordinator

Mr Dineshkumar M Assistant Professor Ms Induja P Assistant Professor

Cordially invites you all



OUTCOME

The workshop aims to empower faculty, and researchers with the essential skills and knowledge to develop persuasive research proposals.

Participants will be able to identify suitable funding opportunities, understand the components of a strong proposal, and create detailed, compelling research plans and budgets.

PLAN OF IMPLEMENTING IN HICET

Faculty are motivated to collaborate with inter departmental proposals and asked to submit at least two proposals per academic year irrespective of funding agencies. Faculty are advised to seek any sort of help from the management

