>>> NEWSLETTER <<<

"CHEMERSATZ"

Department of Chemical Engineering



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

DITOR:

Mr Dineshkumar M

TUDENT EDITOR(S)

Mr Ihlas Ahamed M J Mr Harish Kumar M. Mr Patchamuthu M Mr Bhuvaneshwaran B



>>> ABOUT CHEMERSATZ

A student Association called CHEMERSATZ organizes a variety of technical events, including technical quizes, workshops, poster presentations, and paper presentations. It brings together a large number of students from different universities to take part in events that "CHEMERSATZ" has prepared.



CONVENOR

Dr Scenuvasan M. Professor & Head Chemical Engineering

>>> WHAT CHEMICAL ENGINEERS DO? <<<

DESIGN EQUIPMENT | ENERGY GENERATION | ASSESS PRODUCTION
METHODS | ESTABLISH SAFETY PROCEDURES | TROUBLESHOOT
PROBLEMS | MONITOR PRODUCTION PROCESSES



Vision of the Department

To nurture skilled and innovative chemical engineers with academic and research excellence for addressing global challenges and contributing to sustainable development with ethical values.

Mission of the Department

- To provide quality education focused on the scientific and technical aspects of chemical engineering.
- To empower students with essential research skills to develop innovative solutions for complex chemical engineering challenges.
- To inculcate social responsibility among the students for developing a sustainable society.



PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

Graduates of Chemical Engineering will be able to:

- To excel in chemical engineering by securing impactful positions within the chemical and allied industries.
- Pursue continued life-long learning through professional practice, research and training programs in the field of chemical engineering.
- To empower graduates to become leaders in their fields of expertise and foster entrepreneurial skills, enabling them to contribute for economic development on both National and Global scales.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

Graduates of Chemical Engineering will be able to:

- Apply the knowledge of unit processes and operations in Chemical and Allied Industries.
- Implement the chemical engineering knowledge for process safety and ethically addressing the environment issues.

"The elevator to success is out of order. You'll have to use the stairs, one step at a time."

-Joe Girard



Events Organized

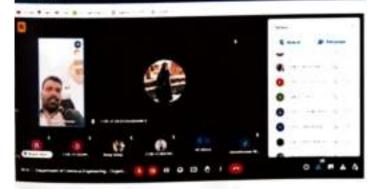
- 01.12.2023 Seminar on "From Sunrise to Success: An Entrepreneurs Journey"
- 14.12.2023 Seminar on "Skill Requirements in Current Scenario for Engineers"
- 05.02.2024 Webinar on Innovative Sustainable Chemical Engineering
- 10.02.2024 Intra Department Sports Tournament and Talent Show
- · 15.02.2024 Memorandum of Understanding: EHS-360 Labs Pvt Ltd
- 26.02.2024 01.03.2024 FDP ON Innovating Environmental
 Protection
- 25.03.2024 Session on Innovating the Start-up Eco System
- 25.03.2024 & 26.03.2023 2nd International Conference in Advance in Chemical Biochemical and Microbial Technology for Sustainable Development
- 06.04.2024 Webinar on Securing Innovation: Navigating Intellectual
 Property Rights
- 07.05.2024 Workshop on "Crafting Research Proposals for Securing Project Funding"

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.



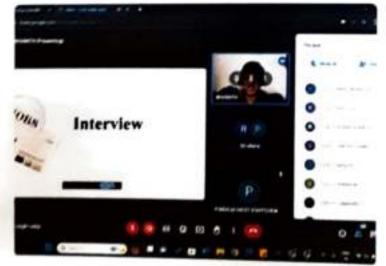
In conclusion, "From Sunrise to Success: An Entrepreneur's Journey" achieved its goals of providing valuable insights and fostering networking opportunities, showcasing the importance of such events in the entrepreneurial ecosystem. The success of this seminar suggests potential for future similar events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

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

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

Attracting Investment and Talent: 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.







Hindusthan College of Engineering and Technology An Autonomous Inditation Affiliated to Anna Luicershy Valley Campus, Pollach Highway, Combatore 641 032

Department of Chemical Engineering





IIC Driven Activity

Organizes Session on

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



Dr.R.Anantharaj 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

Or M.S Vivek

Assistant Professor, Chemical Engineering

Cordially broites 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

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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 a seconomic property laws and policies that promote innovation.







Workshop on "Crafting Research Proposals for Securing Project Funding"



Hindusthan

College of Engineering and Technology

An Autonomous Institution

Valley Campus, Pollachi Highway, Coimbatore 641 032.

Department of Chemical Engineering

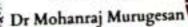




Organizes Workshop on Crafting Research Proposals for Securing Project

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.

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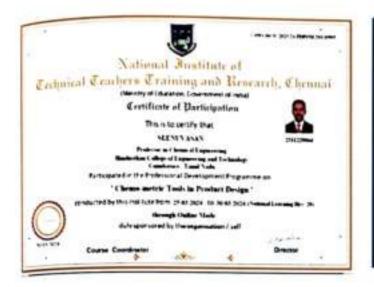
Faculty are motivated to collaborate with inter departmental proposals and asked to submit at least two proposals per academic year irrespective of funding agencies. Faculty are advised to seek any sort of help from the management



Faculty Achievements

- Faculty Development Program
- Online Courses
- · Patent
- · Publication
- Book Chapter
- STTP
- Seminar

Faculty Development Program



The Faculty Development Program (FDP) organized by National Institute of Technical Teachers Training and Research, Chennai held from March 25 to March 30, 2024. The theme of this FDP is "Chemo-metric Tools in Product Design".

Dr. Seenuvasan M Professor and Head ChemE

The Faculty Development Program (FDP) organized by AICTE training and learning (ATAL) academy, held from December 11 to December 16, 2023, the theme of this FDP is "applications of IoT integrated wireless biosensors in diagnosing public health issues".

Mr. Dineshkumar M Assistant Professor ChemE





The Faculty Development Program (FDP) organized by AICTE training and learning (ATAL) academy, held from December 11 to December 16, 2023, the theme of this FDP is "applications of IoT integrated wireless biosensors in diagnosing public health issues".

Ms. Induja P Assistant Professor ChemE

Faculty Development Program



The Faculty Development Program (FDP) organized by Malaviya Mission Teacher Training Centre, Madurai Kamaraj University held from March 12 to March 19, 2024. The theme of this FDP is "NEP 2020 orientation & Sensitation Programme".

Mr. Naguldev S Assistant Professor ChemE

Online Courses



An online course on "Understanding Research Methods" authorized by University of London and SOAS University of London and offered through Coursera on May 26, 2024.

> Dr. Seenuvasan M Professor and Head ChemE

An online course on "Writing in the Sciences" authorized by Stanford University and offered through Coursera on May 31, 2024.

Dr. Seenuvasan M Professor and Head ChemE

Stanford ONLINE Dr Seenuvasan M Coursero



An online course on "Introduction to Outcome-Based Education in the 21st Century" issued by Alison Educational Company on March 5, 2024.

Dr. Seenuvasan M
Professor and Head

ChemE

Online Courses



An online course on "Advances in Remote Sensing Techniques for Geological Applications" organized by Indian Institute of Remote Sensing, Dehradun in association with ISRO during March 11 to March 15, 2024.

> Dr. Seenuvasan M Professor and Head ChemE

An online course on "Build Your Self-Esteem" issued by Alison Educational Company on May 17, 2024.

Ms. Kalpana V P Assistant Professor ChemE





Environmental Issues" issued by Alison Educational Company on May 17, 2024.

Ms. Kalpana V P

An online course on "Introduction to

Ms. Kalpana V P
Assistant Professor
ChemE

Online Courses



An online course on "Introduction to Environmental Sustainability" issued by Alison Educational Company on May 17, 2024.

Mr. Naguldev S
Assistant Professor
ChemE

An online course on "Chemical Engineering
Overview" issued by Alison Educational
Company on May 17, 2024.

Mr. Naguldev S
Assistant Professor

ChemE



Patent



A patent has been granted to the patentee for the invention entitled "Magnetite Embedded Biochar as Nano-sorbent for Effective Adsorption of Textile Dye and the method Therof". It was granted on June 04,2024

Dr. Seenuvasan M Professor and Head ChemE



Publication

Present of Molecular Logaria 2001 201241 120000



Contents lists available at Septembel Name!

Journal of Molecular Liquids





Neodymium recovery from permanent magnets: A breakthrough approach using Deep Eutectic Solvents and Mica



Abel T. Varghese ", Carlin Geor Malar ", Muthulingam Seenuvasan " , V. Jayapradha "

Department of Chemical Engineering, Healasthus College of Engineering and Technology, Caribature, India
 Department of Battechnology, Reprinted Engineering College, Dandalam, India

ARTICLE INFO

ABSTRACT

Book Chapter

CHAPTER

Removal of micropollutants 1 1 1 using sequencing batch biofilm reactor

Vijayalakshmi Rajadurai¹, Vivek Mariappan Santhi² and Seenuvasan Muthulingam²

Department of Petroleum Engineering, Dhamish Ahmed College of Engineering, Chemini,

Propositions of Chemical Engineering Mindocker College of Engineering and Technology

CHAPTER

Priority metal pollutants and 12 their toxicological effects in the ecosystem

Vivek Mariappan Santhi¹, Nagul Dev Selvanatrajan¹, Vijayalakshmi Rajadurai² and Seenuvasan Muthulingam¹

Department of Chemical Engineering, Hindusthan College of Engineering and Technology, Coimbatone, Tamil Nada, India

²Department of Petroleom Engineering, Dhaunish Ahmed College of Engineering, Chemni, Tomil Nada, India

STTP



An online course on "Advances in Remote Sensing Techniques for Geological Applications" organized by Indian Institute of Remote Sensing, Dehradun in association with ISRO during March 11 to March 15, 2024.

Dr. Seenuvasan M Professor and Head ChemE

Seminar



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Has participated in the lecture on Navigating the IP Landscape - from Fundamentals to Career Opportunities delivered by Mr.Mohammed G A, Indian patent & trademark agent on 27 January 2024.

Dr. Seenuvasan M Professor and Head ChemE

Students Corner

- Symposium
- Conference
- Other Courses
- Workshop
- Project Expo
- Other Events
- Research Fellowship



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Has Presented a paper at JCT College of Engineering and Technology in a national level technical symposium (Jfinagles 2024) during 3rd april 2024.

> Mr. Abhinanth TP III B.Tech ChemE

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> Ms.Adhisha shaji III B.Tech ChemE



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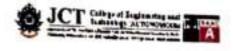
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> Mr.Adwaith BR III B.Tech ChemE

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-Sugar Ray Leonard



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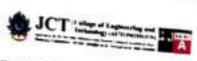


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> Mr. Ajul Thachanat III B.Tech ChemE

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> Mr.Amirtha Sankar AS III B.Tech ChemE



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Mr. Aravind AR
III B. Tech ChemE



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> Mr. Aswin Prasobh III B.Tech ChemE

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> Mr.Aswin S III B.Tech ChemE



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Has Presented a paper at JCT College of Engineering and Technology in a national level technical symposium (Jfinagles 2024) during 3rd april 2024.

> Ms.Bhagi Suresh III B.Tech ChemF



Has Presented a paper at Konga Engineering College (Syllogic-2K24), 27th National Level Technical Symposium head on 1st March 2024.

> Ms.Subashini § II B.Tech Chent

Conference



National Conference on

RECENT TRENDS IN BIOTECHNOLOGY RESEARCH 22 March 2024





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CHEMICAL ENGINEERING

HINDUSTRIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIM-BATORE

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as Natural Conference on Record Trends in Biotechnology Research held on 22 March 2024

at Arenas Engineering Cullege, Tirorenneerine, Territodo, India

Has presented a paper in National Conferencee on Recent Trends in Biotechnology Research held on 22 march 2024 (HAPTEN 2024) at Arunai Engineering College on the title "Kinetics of Copper Removal from Eletrocoating Industrial Sludge through Biosolubilization: Effect of Sulpur Concentration"

Mr. Iyappan A III B.Tech ChemE

Has presented a paper in National Conference on Recent Trends in Biotechnology Research held on 22 march 2024 (HAPTEN 2024) at Arunai Engineering College on the title from Removal "Kinetics of Copper through Sludge Industrial Eletrocoating Sulpur of Effect Biosolubilization: Concentration "

Ms. Devadharshini S III B.Tech ChemE



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22 March 2024





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MR BIR VANESITWARAN B

DEPARTMENT OF CHEMICAL ENGINEERING

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Has presented a paper in National Conference on Recent Trends in Biotechnology Research held on 22 march 2024 (HAPTEN 2024) at Arunai Engineering College on the title "Rice Cement Strength-An Modified Environmental Approach "

> Mr. Chandira Sekar M S III B.Tech ChemE

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> Mr. Bhuvaneshwaran B III B. Tech ChemE



RECENT TRENDS IN BIOTECHNOLOGY RESEARCH 22 March 2024





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DEPARTMENT OF CHEMINANT ENGINEERING

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National Conference on

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MR. PATCHAMUTHU M

DEPARTMENT OF CHEMICAL ENGINEERING

MINDUSTRAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIN-

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PRODUCTION AND PURIPICATION OF RECOMBINANT PLUORESCENT PROTEIN

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Has presented a paper held during the 22nd Annual ISTE Tamilnadu Section Engineering Students Convention on "Emerging Trends in Engineering and Technology" organized by P.S.R Engineering College on 3rd May 2024.

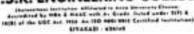
> Ms. Srinithi S II B.Tech ChemE

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> Mr.Patchamuthu M II B.Tech ChemE



P.S.R. ENGINEERING COLLEGE





INDIAN SOCIETY FOR TECHNICAL EDUCATION TAMILNADU SECTION

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INDIAN SOCIETY FOR TECHNICAL EDUCATION
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> Ms.Padmapriya R S II B.Tech ChemE



P.S.R. ENGINEERING COLLEGE



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PARTICIPATION CERTIFICATE

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Has presented a paper held during the 22nd Annual ISTE Tamilnadu Section Engineering Students Convention on "Emerging Trends in Engineering and Technology" organized by P.S.R Engineering College on 3rd May 2024.

Ms. Subashini S II B.Tech ChemE Has presented a paper held during the 22nd Annual ISTE Tamilnadu Section Engineering Students Convention on "Emerging Trends in Engineering and Technology" organized by P.S.R Engineering College on 3rd May 2024.

> Mr. Alten Rey V II B.Tech ChemE



P.S.R. ENGINEERING COLLEGE

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INDIAN SOCIETY FOR TECHNICAL EDUCATION TAMILNADU SECTION

PARTICIPATION CERTIFICATE

Propers Gardani (Guar Competitus haid during the 32 ^{or} demaid (ETE Taministic System Englements Deutsing Commerce on "Emerging Henry in Engineering and Technology" organized by P.S.R. Engineering College, Smalasi in association with Indian Society for Technologic Education,

Tamiliandu Bection on 3rd May 2014



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CERTIFICATE

OF PARTICIPATION

This Certificate is Presented to

RABUL RAT M

HINDUSTRIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

ces in Char Biachemical and Historial Technology for Sust (ACMST 2024) hald on 25th & 26th March 2024 at Hindusthan College of Engineering and Technology Your expentise and incights have extend discourse and furthered the knowledge exchange of





De LIAVA







Department of Chemical Engineering Hindusthan College of Engineering and Technology

new block as we

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Ms. Vaishali B II B. Tech ChemE

Has Participated in the Advances in Chemical Biochemical and Microbial Technology for Sustainaable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr.Ragul Raj M II B. Tech ChemE

CERTIFICATE

OF PARTICIPATION This Certificate is Presented to

VANSHALL B

LINDUSTHAN GLEGE OF ENGINEERING AND TECHNOLOGY

for their implicable contribution as a participant in the "Advances in Chemical Biochemical and Microbial Technology for Sustainable Development EACHIET 2024 Finds on 25th & 26th Harth 2024 at Hindustrian College of Engineering and fectorstopy your expenses and marginal have enriched the discourse and furthered the knowledge exchange within the Advanced Technologies of Sustainable Development

H. Dr M S VIVEK CO-DADNATOS



De 1 JAVA PRINCIPAL.







Department of Chemical Engineering

Hindusthan College of Engineering and Technology

www.bicet.ac.im



Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Ms.Dharshini A Y II B.Tech ChemE

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Ms. Padmapriya R S II B.Tech ChemE

CERTIFICATE

OF PARTICIPATION
This Certificate is Presented to

PASSA PRIVA RJ

HIMDUSTHAN COLLEGE OF ENGINEERED AND THE WARREND

the their invaluable contribution as a participant in the Appendix Development (ACMST 2001) France on 25th 8 36th reports 20th of restriction College of Engineering and Technology that expects and integrate have annuitine the discourse and furthered the biomorphis exchange within the Aphenical Includings of Euclidean Conditions.













Department of Chemical Engineering

Hindusthan College of Engineering and Technology

CERTIFICATE

OF PARTICIPATION

This Certificate is Presented to

GANGA DHARMI K

HINDUSTRIAN COLLEGE OF ENGINEERING AND TERMOLOGY

for their invaluable contribution as a participant in the "Advances in Chemical Brochemical and Necrobial Technology for Sustainable Development (ACNET 2024) held on 25th & 25th Narch 2024 at Hindusthan College of Engineering and Technology Your expenses and insights have enriched the discourse and furthered the knowledge exchange within the Advanced Technologies of Sustainable Development.





Dr J JAYA







Department of Chemical Engineering

Hindusthan College of Engineering and Technology

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr. Sakthi Guhan II B.Tech ChemE

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr. Ganga Dharan K II B. Tech Cheme

CERTIFICATE

OF PARTICIPATION
This Certificate is Presented to

SAVTUI GUHAN

HINDUSTING COLEGE OF ENGINEERING AND TECHNOLOGY

For their invaluable contribution as a participent in the "Advances in Chemical Biochemical and Microbial Technology for Sustainable Development IACMST20347 held on 28th & 28th March 2024 at Mindustrian College of Engineering and Technology Your supertise and insights have emighed the distributed on Advanced Authorises the Engineering Engineering and Technologies of Engineering Programmes and Authorises the Engineering Programmes.













Department of Chemical Engineering

Hindusthan College of Engineering and Technology



CERTIFICATE

OF PRESENTATION
This Certificate is Presented to

DAHIL AHAMED M

LOSTHAN COLEGE OF ENGINEERING AND TECHNOLOGY

to the smallest constitution as a presenter at the "Advances in Chemical gestlement and Microbial Technology for Sustainable Consequent ACMITISTAL Tests on 25th & 25th March 2026 at Hindusthan College of Impresent and Technology Your expense and maights have enriched the decisive and furthered the Impulsional strange within the Advances Technologies of Sustainable Development.

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DELIAYA PRECEN







Department of Chemical Engineering
Hindusthan College of Engineering and Technology

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

Ms. Subashini S II B.Tech ChemE Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr. Rahil Ahmed M II B.Tech ChemE

CERTIFICATE

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Department of Chemical Engineering Handwithan College of Engineering and Technolog

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OF PARTICIPATION

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General D



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Department of Chemical Engineering

Hindusthan College of Engineering and Technology

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr. Nandha Kishore C II B.Tech ChemE

Has Participated in the Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT'2024) help on 25th and 26th March 2024 at Hindusthan College of Engineering and Technology.

> Mr. Gokul D II B.Tech ChemE

CERTIFICATE

OF PARTICIPATION

This Certificate is Presented to

HANDHA KISHOE C

HINDUSTRAN COLEGE OF ENGINEERING AND TROUBLE ORY

to their involunties constitution as a periocipant in the "Advances in Chemic Bechanical and Microbial Technology for Sustainable Development (ACMST 2004)" head on 25th & 35th March 2024 at Handwiller College of Engineering and Technology Your experies and indepting have annothed the discounts and furthered the Innovitable anchorage action the Advanced to the Conference of Engineering Chemicagness.













Department of Chemical Engineering

Hindusthan College of Engineering and Technology

ere best at a

Other Courses



CERTIFICATE

CHARLES TO CHARLES THAT

BHUVANESHWARAN B



Has participated in the "Bioindustry Conclave April 26 and 27 2024" organized by Kumaraguru Institution. His advancing knowledge and fostering collaboration within this dynamic sector is commendable.

Mr Bhuvaneshwaran B III B.Tech ChemE

Has participated in the "Bioindustry Conclave April 26 and 27 2024" organized by Kumaraguru Institution. His advancing knowledge and fostering collaboration within this dynamic sector is commendable.

Mr Chandirasekar M S III B.Tech ChemE



CERTIFICATE

COMPANY OF STREET

CHANDIRASEKAR M.S

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b will water



Workshop



Has participated in the online tackling computational fluid dynamics and heatransfer problems using openFOAN workshop during 19 to 24 february 2024.

Mr.Ihlas Ahamed M.

III B. Tech Chemi

Has Participated in the Workshop on Design and Development of Electric Vehicles during Dhruva 2024 held on 15th and 16th, March 2024 organized by Karpagam College of Engineering.

> Mr.Sivaraman S II B.Tech ChemE

CERTIFICATE OF PARTICIPATION

This is to certify that

STWARAPINE A

STW



Has Participated in the Workshop on Dynamic Process Simulation held on 2nd March 2024 organised by Kongu Engineering College.

Ms.Padmapriya RS
II B. Tech Chemic

Workshop



Has Participated in the Workshop on Dynamic Process Simulation held on 2nd March 2024 organised by Kongu Engineering College.

> Ms.Subashini S II B.Tech ChemE

Project Expo



DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING COIMBATORE-641105 PROJECT EXPO'24 CERTICATE



This is to certify that Mr. Patchamuthu M, II Year department of Chemical Engineering from Hindusthan College of Engineering and Technology has participated Projected titled Domestic water purifier in the Science Day Project Expo'24 held on 28.02.2024.

Course Coordinator



Has participated in Project Expo'24 on the title "Domestic Water Purifier" in the Science Day on 28 February, 2024 organised by Dhanalakshmi Srinivasan College of Engineering.

Mr.Patchamuthu M II B.Tech ChemF

Has participated in Project Expo'24 on the title "Preparation of Natural Juice" in the Science Day on 28 February,2024 organised by Dhanalakshmi Srinivasan College of Engineering.

Ms.Vishali B II B.Tech ChemE



DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING COIMBATORE-641105 PROJECT EXPO'24 CERTICATE



This is to certify that Ms. Vishali B, II Year department of Chemical Engineering from Hindusthan College of Engineering and Technology has participated Projected titled Preparation of natural juice in the Science Day Project Expo'24 held on 28.02.2024.







DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING COIMBATORE-641105 PROJECT EXPO'24 CERTICATE

This is to certify that Ms. Dharshini A Y. II Year department of Chemical Engineering from Hindusthan College of Engineering and Technology has participated Projected titled Preparation of natural juice in the Science Day Project Expo 24 held on 28.02.2024.





Has participated in Project Expo'24 on the title "Preparation of Natural Juice" in the Science Day on 28 February, 2024 organised by Dhanalakshmi Srinivasan College of Engineering.

Ms.Dharshini A Y II B.Tech ChemE

Project Expo

DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING COLMBATORE-441105 PROJECT EXPO'24 CERTICATE

pick is certify that Mr. Gokul D. II Year department of Chemical pick is certify that Mr. Gokul D. II Year department of Chemical period from Hindusthan College of Engineering and Technology has projected titled Domestic water purifier in the Science Day project Expo 24 held on 28.02.2024.

Coordinator



Has participated in Project Expo'24 on the title "Domestic Water Purifier" in the Science Day on 28 February,2024 organised by Dhanalakshmi Srinivasan College of Engineering.

Mr.Gokul D II B.Tech ChemE

His participated in Project Expo'24 on the tife "Domestic Water Purifier" in the Science Day on 28 February, 2024 organised by Dhanalakshmi Srinivasan College of Engineering.

Mr. Rahil Ahmed M II B.Tech ChemE



DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING COIMBATORE-641105 PROJECT EXPO'24 CERTICATE



This is to certify that Mr. Rahil Ahmed, II Year department of Chemical Engineering from Hindusthan College of Engineering and Technology has participated Projected titled Domestic water partifier in the Science Day Project Expo'24 held on 28.02.2024.

Course Coordinator

Grad of the Department









ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE

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- the "Make SANIVAD-2004" rate on 20 major 2004. Sportered by Minutes of Your Atlant & Sports, Cost of India







Has participated in the "Yuva Samvad-2024 held on 26 March 2024, Sponsered by Ministry of Youth Affairs, organised by Regional Campus University Anna Coimbatore.

> Mr.Patchamuthu M II B.Tech ChemE

Has Successfully Completed a Course about "Aspen Plus for Chemical Engineering" on 7th February, 2024

> Ms. Vishali B II B.Tech ChemE

CERTIFICATE

OF ACHIEVEMENT

This certificate is presented to

VAISHALIB

for successfully completing a Course about

Aspen Plus for Chemical Engineering

Courte Start Date 2001-20-01

Centiled No. 1836588971









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Has won a 1st Prize in Badminton hosted by Rotaract Clubs of GCT Coimbatore and Coimbatore Cotton City on 17th and 18th February 2024.

> Mr.Rahil Ahmed M II B.Tech ChemE

Other Events



Has won a 2nd Prize in Cricket hosted by Rotaract Clubs of GCT Coimbatore and Coimbatore Cotton City on 17th and 18th February 2024.

> Mr.Rahil Ahmed M II B.Tech ChemE

Has Completed "Nanotechnology" training conducted by Adaovi between 27th January to 2nd March 2024.

Mr.Rahil Ahmed M II B.Tech ChemE





Winistry of Youth Walfare & Sports Development Department Tamil Hadu State NSS Cell



Certificate of Appromation

MANAGEN V. ALTENREY

S. VARAHEESE

RINGSTROM COLUMN DE ENGINEERING & TECHNOLOGY - Comprised

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Semilarity of Codeston Educate

Has involved himself as a NSS Volunteer in the State Republic Day Parade Camp - 2024 held at chennal from 17th to 26th January 2024.

> Mr. Alten Rey V II B.Tech ChemE

Other Events



Has attended the Live Webninar on Microsoft Office Specialist Certification conducted on 31st March 2024.

Mr. Gokul D
II B. Tech Chem E

Has Completed "Nanotechnology" training conducted by Adaovi between 27th January to 2nd March 2024.

Mr. Gokul D II B.Tech ChemE



Research Fellowship

Student progression towards research fellowships since the AY 2022-2023





Ms Anjana Das IV B.Tech ChemE. Batch: 2020-2024. AY 2023-2024. Stipend Rs. 5000/M





Mr Ihlas Ahamed MJ III B.Tech ChemE, Batch: 2021-2025, AY 2023-2024, Stipend Rs. 5,000/M

IISc Bangalore



Ms Anjana Das IV B.Tech ChemE. Batch: 2020-2024; AY 2023-2024, Stipend Rs. 5,000/M

IISc Bangalore



Mr Sanjana S

II B. Tech ChemE. Batch: 2022-2026.

AY 2023-2024, Stipend Rs. 5.000/M

Padro Do /A

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Ms Anjana Das IV B.Tech ChemE, Batch: 2020-2024, AY 2023-2024, Stipend Rs. 5000/M



Ms Charubala B III B.Tech ChemE, Batch: 2021-2025, AY 2023-2024, Stipend Rs. 5.000/M



Mr Ihlas Ahamed M.J III B.Tech ChemE. Batch: 2021-2025. AY 2023-2024. Stipend Rs. 7,500/M



IIT Madars

IISc

Bangalore

CIPET

Bhopal

IIT

Mumbai

Mr Pragadeshwar Babu M V IV B.Tech Chemb., Batch, 2019-2023. AY 2022-2023, Stipend Rs, 5,000/M

A Little History



Sir Galileo Galilei

His observations unveiled remarkable discoveries such as the presence of four large moons orbiting Jupiter and the realization that the Milky Way's fair glow emanated from countless distant stars.



4 YEAR B.TECH IN CHEMICAL ENGINEERING



HINDUSTHAN

COLLEGE OF ENGINEERING AND TECHNOLOGY