



VISION AND MISSION OF THE INSTITUTE



To transform students into competent professional and responsible citizens by focusing on assimilation, analysis, synthesis, and dissemination of knowledge to meet societal needs.

MISSION:

- Impart quality education to meet the needs of the profession and society.
- Attract and develop talented and committed human resources and provide an environment conductive to innovation and research.
- Facilitate and effective interactions among faculty, students, premier educational institutions, R&D laboratories, industries, alumni and other stakeholders.
- Practice and promote high standards of professional ethics, transparency, accountability and team spirit, and entrepreneurial skills.











DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

VISION:

To be the department of Excellence in the field of Petrochemical technology.

MISSION:

- To craft the students as potential technologies endowed with pragmatic skills.
- To produce competent engineers to identify the emerging industrial, and societal need and address the same through innovative and eco-friendly solutions.
- To fulfill the aspirations and expectations of the future generation by designing suitable academic, research, and extension programs.

PROGRAM EDUCATIONAL OBJECTIVES:

After 4 years of graduation, our graduates will be

- Successful in their careers in the diversified sectors of Petrochemical Technology.
- · A successful entrepreneur, manager or occupies higher positions.
- Pursuing higher studies and research programs in India and abroad













- The graduates of petrochemical technology will be able to apply knowledge of science and engineering to analyze petrochemical technology problems.
- The graduates of petrochemical technology will be able to understand and interpret the problems in petrochemical processes.
- The graduates of petrochemical technology will able to design and develop appropriate solutions for the petrochemical systems.
- The graduates of petrochemical technology will able to identify, formulate and solve complex petrochemical technology problems.
- The graduates of petrochemical technology will be able to use the modern engineering skills and software tools to analyze petrochemical technology problems.
- The graduates of petrochemical technology will able to understand the global and societal impacts of petrochemical engineering practice.
- The graduates of petrochemical technology will be able to understand the impact of petrochemical technology solutions in an environment context and adopt suitable methods for sustainable development.



- The graduates of petrochemical technology will be able to meet their professional and ethical duties.
- The graduates of petrochemical technology will function effectively as an individual and in multidisciplinary teams.
- The graduates of petrochemical technology will be able to communicate effectively both in verbal and written forms.
- The graduates of petrochemical technology will be able to apply principles of management and economics for the effective functioning of Petrochemical and Allied Industries.
- The graduates of petrochemical technology will engage in lifelong learning.

PROGRAM SPECIFIC OUTCOMES:

Graduates of Petrochemical Technology will:

- PSO1: Strong foundation in chemical, petroleum & petrochemical process and effectively describe various units of modern petroleum refining and petrochemical industries.
- PSO2: Effectively describe, analyze, and develop appropriate solutions for chemical, petroleum & petrochemical industrial problems problems using innovative research & development skills with continuous learning efforts.



Independance Day Celebration



77th Independence day was celebrated with great enthusiasm by all the students in UCE, BIT Campus where the Dean sir hosted our National flag which was followed by NCC parade. There was a felling of proud and patriotism in every one's Heart!!

















NBA Core committee meeting





On 07-08-2023, our college hosted a pivotal event as the National Board of Accreditation core committee convened in our esteemed institution, specifically in our Petrochemical Department. This meeting marked a significant step towards ensuring the quality and excellence of our educational programs, highlighting our commitment to academic rigor and advancement. It was a momentous occasion that brought together experts in the field to access and enhance the educational standards in our Petrochemical Department















University Gold medalist

At the illustrious convocation ceremony hosted at Anna University, Chennai, on september 5th 2023 the air was filled with pride and excitement, a remarkable student G.Sethu Batch(2018-2022) Ram of achieved momentous milestone. With unwavering dedication and academic excellence, he earned the highest honor – a gold medal – bestowed upon them by the esteemed governor. This prestigious recognition not only symbolizes his outstanding scholastic achievements but also reflects his commitment to knowledge and the pursuit of excellence. It is a proud moment for the student and the university, showcasing the bright future that awaits them in his chosen field

He has not only demonstrated exceptional scholastic prowess but also serves as an inspiration to fellow students, showcasing that with determination and a thirst for knowledge, one can achieve the highest honors in academics..



G. Sethu Ram



G Sethu Ram is now working as a Monomer Production Engineer in the company Chemplast sanmar limited in Mettur, Salem for last 1 year.



Reliance Foundation Scholarship



Nandhakumar.N (810022239026)



Sangavi .S (810022239019)



Congratulations to the students of 2nd year(2022-2026)Petrochemical Technology who have been selected for the Reliance Foundation Scholarships program!

They will receive scholarship of upto Rs.2 Lakhs over the duration of their Under Graduation degree programme

FACT CORNER

- You need to exceed temperatures of 1000 degrees Celcius to burn a diamond.
- Unlike many substances, water expands as it freezes.
- Although oxygen gas is colorless, the liquid and solid forms of oxygen are blue.
- <u>Dry ice</u> is the solid form of carbon dioxide (CO2)

Kaveri Marathon

Our students are gearing up for the Kaveri Marathon on 10th September 2023. This marathon is organized to raise awareness and support for the noble cause of organ donation. Our students are participating in this event to contribute to the cause of organ donation and make a positive impact on society.





Teachers Day Celebration at Joseph Eye Hospital



திருச்சி, செப்.9: திருச்சி ஜோசப் கண் மருத்துவமனை சார்பில் ஆசிரியர் தினவிழா நேற்று நடைபெற்றது.

இவ்விழாவில் ஆசிரியர் களை ஊக்குவிக்கும் விதமாக முதல் முறையாக ஜோசப் மருத்துவமனையின் நிறுவனர் மறைந்த மருத்துவர் ஜோசப் ஞானாதிக்கம் நினைவாக விருது வழங்கப்பட்டது.

திருச்சியில் உள்ள பல் வேறு கல்லூரிகள் மற்றும் பல்கலைக்கழகங்களில் பணி யாற்றி வரும் 17 பேராசிரியர் களுக்கு அவர்களின் கல்வி பணியினை பாராட்டி விருது வழங்கப்பட்டது. மேலும் வரு டந்தோறும் சிறந்த சேவை மற்றும் சமூகப்பணியாற்றிய நபருக்கு வாழ்நாள் சாதனை

யாளர் விருது வழங்கப்ப டும். இந்தாண்டு அண்ணா பல்கலைக்கழக முதல்வர் செந்தில்குமாருக்கு வழங் கப்பட்டது. இந்த விழாவில் ரோட்டரி சங்க உறுப்பினர் ராஜா கோவிந்தசாமி கலந்து கொண்டு பேராசிரியர்களுக்கு விருதுகளை வழங்கினார். இவ்விழாவில் ஜோசப் கண் மருத்துவமனையின் இயக் குநர் மருத்துவர் பிரதிபா முன்னிலை வகித்தார்.

மேலும் இவ்விழாவின் முக்கியத்துவம் குறித்து மருத்துவர் லோக நாதன் எடுத்துரைத்தார். இதற்கான ஏற்பாடுகளை ஜோசப் கண் மருத்துவமனையின் நிர்வாக அதிகாரி சுபா பிரபு ஏற்பாடு செய்திருந்தார். On September 9th 2023 , Joseph Eye Hospital celebrated Teachers' Day.

In that event, they usually award teachers and professors to congratulate them for their service towards education. This year, our Dean Dr.T.Senthikumar sir received an award at the event."

FACT CORNER

Mars is red because its surface contains a lot of Iron Oxide or Rust

Only one letter doesn't appear in the periodic table!

It's the letter J

The chemical name for water (H2O) is dihydrogen monoxide











Legend's Corner

Our Alumini Mr.M.Vignesh is now working as a Technical Manager, Formulation and Development in DELTA GREEN SCIENCE. On 16th August 2023 at 3.30 PM, he gave us a talk on Chemical engineer's roll in Cosmetics industry



Vignesh.M



Dr.R.Balamurugan

Dr.R.Balamurugan - Associate Professor of Dept. of CIVIL Engineering in Annamalai University has taken us a guest lecture on DISASTER MANAGEMENT on 23rd of August 2023 at 12.00 PM to 01.00 PM for our 3rd year Petrochemical Technology students

Our Alumini Mithun Boopathy is now working as Director in Adithyaa Ram Industries..

On 22nd August 2023 at 10.30 AM, he gave us a talk on Sweetening of Sour gas using Ethanol Amine



Mr.M.Mithun Boopthy











Our Alumini's Jounery

I did my B.Tech in Petrochemical Technology at Anna University, Trichy (2008-20120. Having cleared GATE, Chemical Engineering, I joined masters in IIT Kanpur. During my masters, I was offered a chance to



Dr. M. VIVEK SHERATON

pursue a part of my master thesis at Nanyang Technological University, Singapore. My masters thesis was well received and therefore I planned to extend my work, so I started my oncology research as a Phd scholar at NTU, Singapore. Mass Transfer concepts which I had studied during my bachelors degree (Petrochemical Technology) played a crucial role during my Phd research. I received my first Phd from University of Amsterdam, Netherlands for my research of bacterial biofilm. I, along with my co-founder Rory Wilding, started ONKOLYZE at Singapore. Later I received my second Phd in Cancer Simulations from NTU, Singapore. Currently I am the CTO of ONKOLYZE and a pre-clinical researcher at University of Amsterdam, Netherlands.

- Dr. M. VIVEK SHERATON



Mock NBA Audit



On September 15th, a mock NBA audit was conducted in your department by the professor of SSN College. The audit involved a thorough examination of your files and records. The purpose of this audit was to evaluate the accuracy, completeness, and compliance of department's documentation with the standards set by the National Board of Accreditation (NBA). The professor from SSN College, being an expert in the field, would have assessed various aspects such as data integrity, record maintenance, and adherence to NBA guidelines. This exercise is crucial for ensuring that your department meets the necessary requirements and maintains high standards of quality and accountability.











Intresting facts ...

- 1. The worlds consumes 84 million of petroleum a day
- 2. 64% of all clothing are made from and natural gas
- 3. Emergency rooms include 90 petroleum based products
- 4. The U. S military is the world's largest institutional consumer of petroleum
- 5. More than 70% of a typical electric vehicle is made petrochemicals
- 6. Tech gadgets couldn't exist without petrochemical-based components
- 7. Artificial heart valves are made possible by petrochemicals
- 8. 80-90 percent of pharmaceuticals are made from petrochemicals
- 9. Nearly 70% of American energy comes oil and gas
- 10. The ancient Egyptians used liquid forms of petroleum as a medicine, probably for dressing wounds, soothing pain, and as a laxative.

The Arts:





The Artist:





S.T.Swetnaa (810021239052)









The Arts:







The Artist:



S.T.Surekhaa

(810021239051)

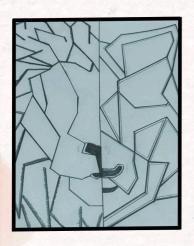


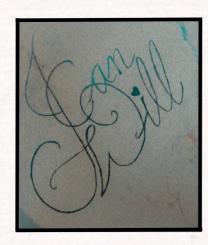






The Arts:





இறைவா என்ற கேள்விகளுடனே பயணிக்கிறேன்... என்றாவது மாறாதா என்று! சில நேரங்களில் கண்களில் கண்ணீருடனும்**,** பயத்துடனும்... பல நேரங்களில் ஒதுக்கப்பட்டும், அவமதிக்கபட்டும் .. காயங்கள் கண்ட என் இதயதிற்கு மட்டுமே தெரியும்... என் வலிகளின் ஆழம்.. என் மனம் கொண்ட சோகம்.. அழுது தீர்த்துவிட ஆசைதான்.. அரவணைத்து ஆறுதல் தோள்கள் இருந்தால்... ஏனோ, சுற்றிலும் பலர் இருக்க தனிமையே எனக்கு விடை ஆனது..

One of her Poems...

The Artist:



C. P. Annie Evangelien (810021239007)















The Arts:









The Artist:

Keerthana .GK (810021239029)





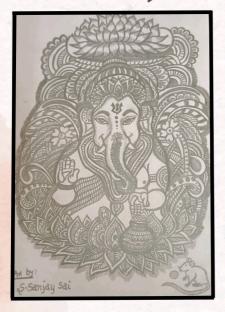


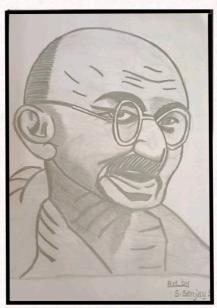






The Arts:







The Artist:



Sanjay sai .S (810021239043)











The Arts:





Some of his Short Flims



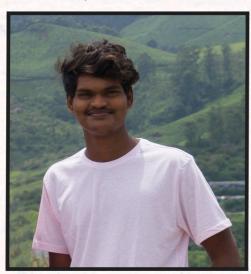
His Youtube Channel Link:





Some of his Photographs

The Artist:



Siddarth.O
DIRECTOR and
PHOTOGRAPHER
(810021239044)
A student of 3rd Year
Petrochemical
Technology

The Arts:





Some of his Short Flims

The Artist:



His Youtube Channel Link:

https://youtube.com/@176pv25? feature=shared

głanychi wyż wirmiadroś rówwola ando śryż

disputation più Bill Litelativi Littling.

International disputation disservati di litelati projetti in segmentari di litelati projetti in segmentari. Disservati projetti in segmentari di litelati projetti in segmentari di litelati di lit

வதுகட்டங்கப் பிகப்பட்ட ஆர்கிறப்பட்டிய பெய்று கண்டித் உளர்கிறது. இதே நிக்கப்படும் என்ற புதிறிந்துக் மன்னக்கைறுக்கு குறப்பி மூட்டது. இத நம் வரும் வந்து வடும்பட்டும் அது உணிக்கை என்றம் வரிகப்பரிய விறு நிலியத்தை வக்கிப் படுத்துக் அது கடைகள்றிர் ஆறிய இது முறுக்கு பெறுத்துக் இழுக்கு இதை நீக்க உடியாக பெறும் வருக்கு சுமைந்த உங்களின் அது மாதிறுக் நடியும் அம்திகிற கொண்டிறது அது சுறிதிக்க முதல் அம்திகிற கொண்டும் நடிய சுறித்துக்கு மாதிக்க முதல் அம்திகிற குறும் பதிதின்றம் வாகிகாக், அப்பேறு

ggalla salghil eggi valiforens undalmen, acilling vanis quis Garding de barbait fig saufs underguis slamours, vigi, Outlianden, pjega, n.L. van Gelfg gistinujageb night jahnen eillungs entgelijt, solghiltus besteg affektie zinglige Gregorius ungelande ene valifikalis zinglige Gregorius opglander ene vann 1946e.

ವಸ್ತಿಕ್ಷಕ್ಕ ಸ್ಥತೀಕ್ರಿಯ ಪಕ್ಷಕ್ಕೆ ಪಾರ್ವ ವಾಸಕೋರ್, ಸುನಿಯಾ ಸಾವರ ನಿರ್ವಾಪಿಕ ಪಕ್ಷಕ್ಕಿತ್ತಿಕ ನೀಡಿದ್ದ ನಿರ್ವಹಿಸಿ ನಿಜ್ಞಾನ ಪಕ್ಷಿಯಾಗಾರ ನಿರ್ವಹಿಸಿಕ್ಕೆ ಸಾವರೇ ಪಾಟಿಯ್ಯಾ ವಾಸಕಿಯ

prie sauk filosofiù uppy, sejp urpfiestik eru saraji Unites

German ongo ungkanna undelama, poli undulgigi Gracia orgidi ungkan olgani, ukolaniyah asamlu, bi sapaligi Quae pai fisionalisi olgani, ukolaniyah asamlu, bi sapan dari anda undulgi ukolaniyah pai sapan asamlu. Gerialisi diga asalam pin Qulgini paman undipa dipagan yidipini, asalamin yidipini paman Qularani, asam dujadalisine uday goʻl undupaddi Gerialisi. Qilingiqisami, agam usu, Qulingili Gerialisi, Qilingiqisami, agam usu, Qulingili Dari asam pamanda olga, adalam, ada silipinini asamli pami asam pamanda olga, adalam, ada silipininini asamli

அடுத்த படம் எலும் உணர்கி மாத்திரைய மாகிக்கான். அவறுக்கு இருட்டு என்றால் நாக் படம்பி. அது என்கொற்ற இந்து வளனிறுக் அதைநிகு நின்கியிலை, படிதுக்கள்கள் கிட்டால் அது "பொலிவக்கியில்ய" எறும் நினர் மற்றுக்களாகத்து நிடியில் இரண்ட் இந்துக்கு நின் அத்த இடுக்கு முன்கின் அனத்து, மெனிசன் மந்து, மாதின்றின் என அனவு நடித்து. எடுத்த அறிவுறியாடைக் காகிக் மற்றுக்குமை வரகிக்கான். ஒரு மூன்றெழுத்துக்காரன்

25 April 10:06 PM | 395 character

அப்படி என்ன தான் இருக்கிறதோ அந்த மூன்றெழுத்து வார்த்தையில் காரணம் ஏதுமின்றி வருகிறது கரங்கள் பிடிக்க ஏங்குகிறது

தினமும் பார்த்தே ஆக வேண்டும் என்கிற என்

மனமும் கண்களில் தட்டுப்படவில்லை என்றால் தவிக்கிறதே

ஒருமுறை பார்த்தற்கே என் மனதுக்குள் அவளின் முகம் புகைப்படமாய் பதிவிறக்கமானது தானாகவே

அவள் தேகத்தின் அழகைப் பார்த்து வந்தவனா அவள் அன்பைப் பார்த்து வந்தவனா

அந்த மூன்றெழுத்துக்காரன் யார் அந்த மூன்றெழுத்துக்காரன் காதலா? காமமா?

Lokesh Raja
DIRECTOR and POET
(810021239031)
A student of 3rd Year
Petrochemical
Technology















Our Content Creators:



Reshbin Raj (810021239041) A student of 3rd Year Petrochemical **Technology**

His Youtube Channel Link:

https://instagram.com/me mez_paru_mamey? igshid=YTQwZjQONmI00

His Youtube Channel Link: https://instagram.com/ambi_ig?

Abdul Wahid (810021239002) A student of 3rd igshid=YTQwZjQONmIOOA== Year Petrochemical **Technology**



Jai prasanth (810021239026) A student of 3rd Year Petrochemical **Technology**



His Meme Page Link: https://instagram.com/cri nge._.ngineer? utm_source=qr&igshid=Mz NINGNkZWQ4Mg%3D%3D

His Youtube Channel Link: https://youtube.com/shorts/ FVSIaJGt4T8?si=m0-**FxTB5dxfVIICh**

Aakash.T (810021239001) A student of 3rd Year **Petrochemical Technology**















This is Deepak kumar from second year of petrochemical department who got Guinness World Record for official attempt in 2015 for his participation in "Largest Human currency symbol" In india



Our junior Artist:



Chandrabalan.M (810022239033) A student of 2nd Year Petrochemical Technology



His Arts:













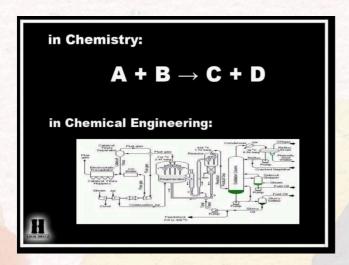




Do you know?!

- George E. Davis who is considered as a "Father of chemical engineering"
- Chemical engineers are Often called as "Invisible engineers" Because their work is not Always apparent to public, yet it plays a critical role in day to day life.
- Chemical engineers Are the backbone of Process industries
- Chemical engineers play a crucial role in environmental sustainability.
- Chemical engineers are as important as medical engineers while design a product for commercial use .
- The world's 1st oil well was drilled at Baku on the Caspian sea in 1847, and it became know as the Black City.
- Astronomers have detected the presence of Benzene, which has the classical ring-shaped hydrocarbon molecule, in outer space. Such ring shaped molecules are usually found in oil, which seems that oil exists in outer space too.

Meme Corner..





WHAT DO YOU CALL AN ACID WITH AN ATTITUDE? gimme ur lunch A-mean-oh acid.

ASOPSCIENCE

















Meme Corner..

DON'T DRINK WATER WHILE STUDYING. BECAUSE CHEMISTRY SAYS THAT



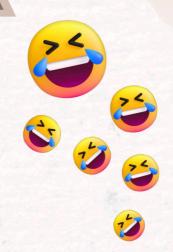
CONCENTRATION DECREASES ON ADDING WATER



WHAT IS THE MOST LOYAL ELEMENT?



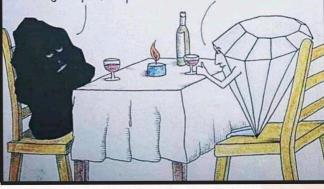
BKOmine



Carbon dating

You look older than your profile picture

I've been under a lot of pressure















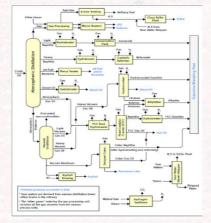
Famous quotes

"My formula for success..! Rise, work late, strike oil
- J Paul Ghetty

Chemistry can be a good and bad thing. Chemistry is good when you make love with it. Chemistry is bad when you make crack with it

-Adam Sandler

It's not that we can't explain....



You just wouldn't understand!!

- Linus pauling

Chemistry is ,well technically the study of matter .But I prefer to see it as the study of change...

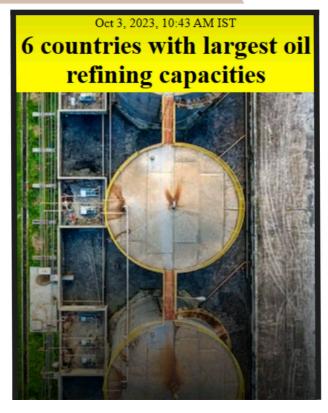
- Watter White

Life is a journey So, keep adding petrol when you are down

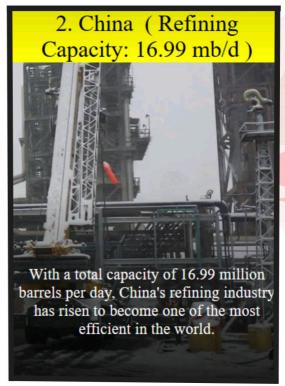
- Juvariya Siddiqui



Countries and its oil capacities

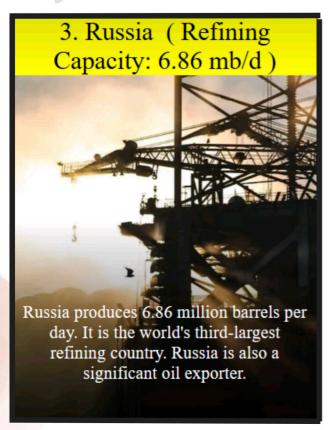


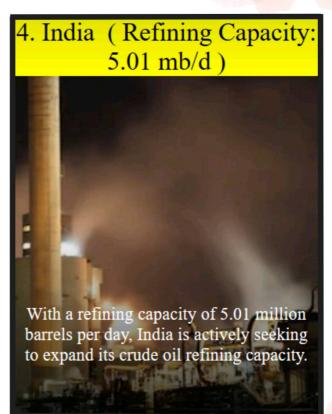




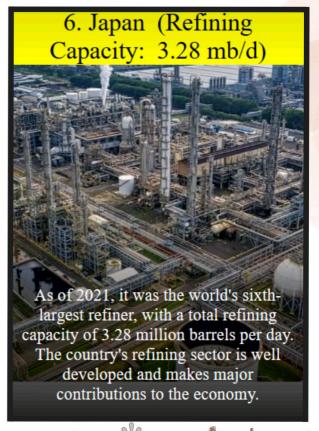


Countries and its oil capacities









M.Tech

• In 2022, we started a Master of Technology (M.Tech) course in Chemical engineering at our bit campus, which offers cutting-edge education and research opportunities in chemical engineering.

Our 1st Batch (2022-2024)



SHAFEEQ SUHAIL M S 810022501001 POST GRADUATE-CHEMICAL ENGINEERING



SARAVANA KUMAR M 810022501002 POST GRADUATE-CHEMICAL ENGINEERING

Our 2nd Batch (2023-2025)



ARCHANA MENON B 810023501003 POST GRADUATE-CHEMICAL ENGINEERING



ARUMUGAN G 810023501004 POST GRADUATE-CHEMICAL ENGINEERING



MIRUTHULA T 810023501002 POST GRADUATE-CHEMICAL ENGINEERING

Stipend Zone:

PG STIPEND - NON GATE

Our 1st batch PG (Chemical Engineering) Student Mr. SHAFEEQ SUHAIL M S have 78.152 percentile score in TANCET 2022 .He receives sum of Rs.72,000 per Year















Expert Lectures

On 15.07.2022, Dr. T.Sekar, Rtd Professor, Former Head Department of Petrochemical Tech, BIT Campus, Trichy. He gave a lecture on, "Multi Component Distillation- Fundamental Design and Applications"

On 10.08.2022, Mr. P. Jaya Kumar, Manager, R&D, Chennai Petroleum Corporation Ltd (CPCL), Manali-Chennai. He gave a lecture on, "Refinery Catalysts role in Present and Future"

On 25.09.2022, Mr.Manikandan P Manager, Environment Health and Safety Anthem Biosciences Pvt Ltd Hosur, Tamilnadu. He gave a lecture on, "Responsibilities of Process Engineer on Environmental impact"

On **08.10.2022**, Mr.J. Vinu Pragash, Sr. Engineer (Offshore Production) Cairn Oil and Gas, Vedanta Limited. Gujarat. He gave a lecture on, "Upstream Industry – Opportunities and Challenges"

On 13.11.2022, Mr. Vedagiriswaran.N Senior Excutive, EHS, Anthem BioScience Ltd Bangalore Mr. Raam Kumar, MBA, IIM Amirtsar. He gave a lecture on, "What Next – After B. Tech....MBA or M.Tech"

On 12.12.2022, Dr A. Brinda Lakshmi, Associate Prof, Department of Chemical Engineering, AC.Tech, Anna University-Chennai. She gave a lecture on, "Pinch Technology"

On **02.02.2023**, Mr. Shinu Varghese, General Manager - Manufacturing, Indigo Paints, Pudhukottai.He gave a lecture on, "Prospect of Chemical Engineer on Industrial Coatings"

On **04.03.2023**, Mr. Krishna Teja, Design Engineer, Precision Engineering Products, Tiruvallur She gave a lecture on, "Software for designing Unit Operation equipments particular to Heat Exchanger"



Life & Chemistry

Life is a Chemistry
Dilute your Sorrows,
Evaporate your Worries
Filter your Mistakes
Boil your Ego
You will get the Crystal of
Happiness





Our Team

Faculty incharge:

Dr.M.Rengasamy



Our Crew members:



Keerthana.GK



Annie Evangelien.CP



Vishnupriyan.G



Asha.B











