

Impact Lecture Series-I

As a part of IIC calendar activity, ANITS Innovation Council (ANITS, IIC) in association with Department of Chemical Engineering conducted an Impact Lecture Series in the month of August 2020 which mainly focused on the concepts of 'Chemical Engineering'. Students and faculties of ANITS have participated actively in all the sessions. This lecture series comprised of five notable speakers who spent their valuable time in getting the audience notified with the situations and trends of the chemical engineering. On an average 110 students and 20 faculty members have participated in this series.

Schedule for Impact Lecture Series - I:



DEPARTMENT of CHEMICAL ENGINEERING
ANITS IICChE STUDENT CHAPTER
organizing
CHEMICAL ENGINEERING IMPACT LECTURE SERIES - I
Theme: **Current Trends in Chemical Engineering**
By renowned young researchers and industrial experts

10:00 AM

2nd AUG, 2020
Dr. Naveen
Dept. of Chemical Engineering
KU LEUVEN, Belgium

9th AUG, 2020
Mr. S. Ramappa
Assistant Professor
IITK, India

16th AUG, 2020
Dr. Siva Rama Krishna Pyala
Srinivas
Madhav, Bangalore

23rd AUG, 2020
Dr. Divya Neelgiri
Senior Systems Engineer
Alpha India Ltd, Bangalore

30th AUG, 2020
Mr. Gopi Suresh
Senior Process Engineer
MCC, Visakhapatnam

*Certificate will be issued for Participants

9032740742 | <https://bit.ly/2X16tXK>

Kalla Reshma (Student Coordinator, IICChE) | Dr. M. ShivaNarsh (Faculty Coordinator, IICChE) | Dr. C.V. Anil (Head of ChE Department)

Overall Flyer: Impact Lecture Series-I : Current Trends in Chemical Engineering

LECTURE-1



DEPARTMENT of CHEMICAL ENGINEERING
ANITS IICChE STUDENT CHAPTER
organizing
Chemical Engineering Impact Lecture Series - I
Lecture-I
"Current Trends in Chemical Engineering"

AUGUST 2 2020
2:30 PM

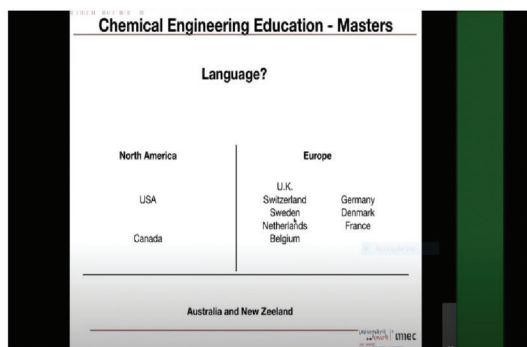
Dr. Naveen
Dept. of Chemical Engineering
KU LEUVEN, Belgium

Contact no: 9177995990, 7995362032, 9032740742

Kalla Reshma (Student Coordinator, IICChE) | Dr. M. ShivaNarsh (Faculty Coordinator, IICChE) | Dr. C.V. Anil (Head of the Department)

Flyer 1: Impact Lecture Series-I: Lecture-1

The first session was held on 2nd August 2020 by Dr. Naveen who is a professor in Dept. of Chemical Engineering at KU LEUVEN, Belgium. He discussed about the opportunities for studies who want to pursue higher studies. He described about his areas of research which mainly was Sideways self-propulsion mechanism. His words inspired many students who wish to continue their education towards Research and Development.



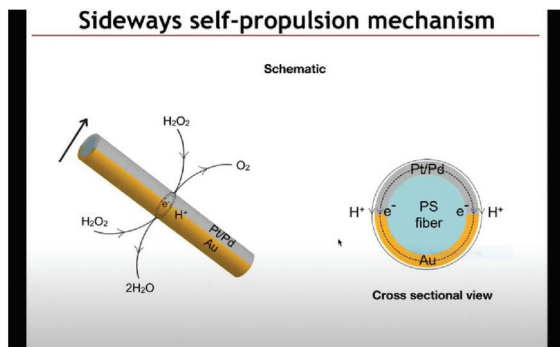
Chemical Engineering Education - Masters

Language?

North America	Europe
USA	U.K. Switzerland Sweden Netherlands Belgium
Canada	Germany Denmark France

Australia and New Zealand

ANITS IICChE STUDENT CHAPTER



Sideways self-propulsion mechanism

Schematic

Cross sectional view

The diagram shows a cylindrical tube with a Pt/Pd layer on the inner surface and an Au layer on the outer surface. H₂O₂ is fed into the tube, and it decomposes into H₂O and O₂. The Pt/Pd layer catalyzes the decomposition, and the Au layer provides a surface for the reaction. The resulting H₂O and O₂ are shown exiting the tube. The cross-sectional view shows the Pt/Pd layer on the inner surface and the Au layer on the outer surface, with a PS fiber in the center. The reaction is shown as H⁺ + e⁻ + H₂O₂ → H₂O + O₂.

Lecture-1 on Sideways self-propulsion mechanism

LECTURE-2

DEPARTMENT of CHEMICAL ENGINEERING

Chemical Engineering Impact Lecture Series - I

Lecture-II

"Current Trends in Chemical Engineering"

AUGUST 9 2020

Mr.S.Ramappa
Assistant Environment Engineer
TSPCB, Hyderabad

Contact no: 9177095990, 7995362032, 9032740742

Kalla Reshma
Student Coordinator, IICHe

Dr. M Shiva Naresh
Faculty Coordinator, IICHe

Dr.Ch.Anil
Head of the Department

Flyer 2: Impact Lecture Series-I: Lecture-2
The second session was held on 9th August 2020 by Mr. S Ramappa who is a Assistant Environment Engineer at TSPCB, Hyderabad. He being an environmental engineer discussed his findings on the different sources of pollution and effluent generation. He also explained about industrial downstream processing which is very useful for treating these effluents.

SOURCES OF EFFLUENT GENERATION

- Process
- Washings
- Boiler blowdown
- Cooling tower bleedoff
- Scrubber Waste water
- RO Rejects
- DM Plant Regenerations
- MEE/FE, ATFD Condensate
- Domestic

Sources of Pollution

- INDUSTRIES
- DOMESTIC
- AGRICULTURE
- NATURAL DISASTER
- HOSPITALS
- ELECTRONIC GADGES

Lecture-2 on Various sources of effluent generation and pollution

LECTURE-3

Flyer 3: Impact Lecture Series-I: Lecture-3

The third session was held on 16th August 2020 by Dr. P. Shiva Rama Krishna who is a scientist at Unilever, Bengaluru. He described the scope of chemical engineer in the field of bio-medical sciences. His views on higher education provoked thoughts in students who are aspiring for higher studies.

DEPARTMENT of CHEMICAL ENGINEERING

Chemical Engineering Impact Lecture Series - I

Lecture-III

"Current Trends in Chemical Engineering"

AUGUST 16 2020

Dr.P.Shiva Rama Krishna
Scientist
Unilever, Bengaluru

Contact no: 9177095990, 7995362032, 9032740742

Kalla Reshma
Student Coordinator, IICHe

Dr. M Shiva Naresh
Faculty Coordinator, IICHe

Dr.Ch.Anil
Head of the Department

MRI Spectroscopy

Water image

Fat image

WM image

GM image

MR angiography (non-contrast)

Dynamic Imaging

perfusion

RAS

MORE VIDEOS

Chemical Engineer Prospects

- Higher Education (Masters/PhD)
- Industry

MORE VIDEOS

Lecture-3 on Various chemical engineering prospects

LECTURE-4

DEPARTMENT of CHEMICAL ENGINEERING

Chemical Engineering Impact Lecture Series - I

Lecture-IV

“Current Trends in Chemical Engineering”

AUGUST 23 2020

IIM

Dr. Uma Numburi
Senior Systems Engineer
Philips India Ltd, Bengaluru

Contact no: 9177095990, 7995362032, 9032740742

Kalla Reshma
Student Coordinator, IICHE

Dr. M Shiva Naresh
Faculty Coordinator, IICHE

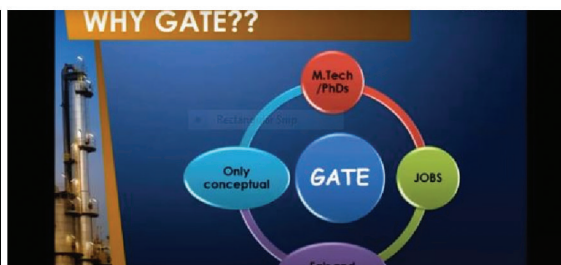
Dr. Ch. Anil
Head of the Department

Flyer 4: Impact Lecture Series-I: Lecture-4

The fourth session was held on 23th August 2020 by Dr. Uma Numburi who is a Senior Systems Engineer at Philips India Ltd, Bengaluru. She talked about current trends and areas of research in chemical engineering. She even mentioned about the scope of nanotechnology in industries. She also added the current role of women in the field of chemical engineering

Current Areas of Research

- Hydrogen Economy – Role of Hydrogen and fuel cells as emerging energy solution
- Global Refining & Petrochemical Challenges and Opportunities
- Renewable Fuels & Biofuels
- Bottom of the Barrel Upgradation
- Digital Transformation in Refining & Petrochemicals
- Crude to Chemicals
- Thermo-chemical conversion of biomass to hydrogen rich syngas
- Cost effective indigenous catalyst manufacturing
- Catalytic conversion of waste plastic to oil
- Biomethanation – Organic waste to compressed biogas
- Aligning refineries for sustainable future



Lecture-4 on importance of GATE and current areas of research

LECTURE-5:

DEPARTMENT of CHEMICAL ENGINEERING

Chemical Engineering Impact Lecture Series - I

Lecture-V

“Current Trends in Chemical Engineering”

AUGUST 30 2020

IIM

Mr. Gopi Bisetti
Senior Process Engineer
HPCL, Visakhapatnam

Contact no: 9177095990, 7995362032, 9032740742

Kalla Reshma
Student Coordinator, IICHE

Dr. M Shiva Naresh
Faculty Coordinator, IICHE

Dr. Ch. Anil
Head of the Department

Flyer 5: Impact Lecture Series-I: Lecture-5

The fifth session was held on 30th August 2020 by Mr. Gopi Bisetti who is a Senior Process Engineer at HPCL, Visakhapatnam. He discussed the scope of Chemical engineers in the field of petroleum industries. He also emphasized on various competitive exams and showcased the right path to prepare for these exams. He also mentioned about the projects which he had undertaken as a process engineer.

GATE Exam Preparation

Mock Tests

- Previous Year Question Paper
- Full length Mock tests
- Keynotes

Initial Assessment

- Previous Year Question Paper

Planning Stage

- Previous Year Question Papers & Syllabus
- II CORE** subjects (70%) + Engg. Mathematics (15%) + Aptitude (15%)
- Classify** the subjects
- Also **TIME** accordingly

The LEARNING Stage

- Components
- PTQ & syllabus
- Standard textbooks
- Notes
- KEYNOTES**

Revise & Recall

- Previous Year Question Papers
- Notes
- Subject-wise Topic-wise tests
- Keynotes

Projects - Process Engineer

- Responsible for overseeing the new expansion projects of various stages viz., Basic Design Engineering, HAZOP study, P&IDs finalization and execution.
- Deals with scheduling and resource handling in addition to all other project management principles.
- Project management skills, decision-making ability, leadership and communication skills are key for a project engineer.

Lecture-5 on Process engineering projects

IMPACT LECTURE SERIES-II:

As a part of the IIC calendar activity, the ANITS Innovation Council in association with the Department of Chemical Engineering had organized an Impact Lecture Series on 'Entrepreneur's Mindset' in December 2020. Students and faculty of ANITS have participated actively in this session. This lecture series is comprised of four notable speakers who spent their valuable time in getting all of us well aware of the option as an Entrepreneur and how an Entrepreneur could change the face of the nation with creative innovations.

SCHEDULE FOR IMPACT LECTURE SERIES-II

DEPARTMENT of CHEMICAL ENGINEERING ANITS IICChE & IIC jointly organises
IMPACT LECTURE SERIES - II ON ENTREPRENEURSHIP
THEME: ENTREPRENEUR'S MINDSET

11th Dec, 2020
Mr. Vikram Vanama
 Founder & Director
 Trimax Bio Sciences Pvt Ltd

18th Dec, 2020
Shri N Venkata Reddy
 Founder & Director
 Teck Team Solutions

24th Dec, 2020
Mr. Thota Sivaji
 Founder & CEO
 Asharya Technologies Pvt Ltd

30th Dec, 2020
Mr. Raghavver Allada
 Co-Founder & Director
 SuperTap

Many more to come...

Contact No: 7995362032
 Registration Link: <https://bit.ly/2JFn2Np>

*E-Certificates will be issued for Participants

Student Coordinators: B.VINSG Sudarshan, E.U.V. I.VINSG Anisheth, J.U.V.
 Faculty Coordinator: Dr. Ch. Anil, Convener, HOD
 Mr. B. Pradeep Sankosh Kumar, Dr. M. Shiva Nares, Mr. B. Pradeep Sankosh Kumar
 Dr. Ch. Anil, Convener, HOD

OVERALL FLYER: IMPACT LECTURE SERIES-II: ENREPRENEUR'S MINDSET LECTURE-1

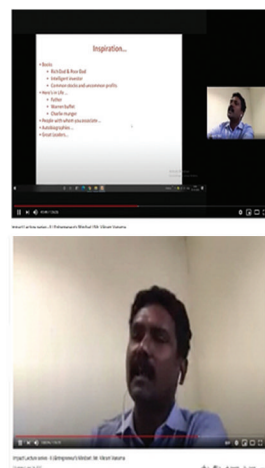
DEPARTMENT of CHEMICAL ENGINEERING ANITS IICChE & IIC jointly organises
IMPACT LECTURE SERIES - II ON ENTREPRENEURSHIP
THEME: ENTREPRENEUR'S MINDSET

DEC 11 2020 2:00

Vikram Vanama
 Founder & Director
 Trimax Bio Sciences Pvt Ltd
 Raichur, Karnataka

Contact No: 7995362032
 Registration Link: <https://bit.ly/2JFn2Np>

Student Coordinators: B.VINSG Sudarshan, E.U.V. I.VINSG Anisheth, J.U.V.
 Faculty Coordinator: Mr. B. Pradeep Sankosh Kumar
 Dr. Ch. Anil, Convener, HOD



FLYER 1: IMPACT LECTURE SERIES-II: LECTURE-1

The first session was held on 11th December 2020 by Mr. Vikram Vanama, Founder & Director of Trimax Bio Sciences Pvt Ltd., Raichur, Karnataka. He discussed the thought process required for an Entrepreneur by stating his journey of becoming a successful entrepreneur. He explained the managing of economic aspects for an entrepreneur at the starting stage.

LECTURE-1 ON ECONOMIC ASPECTS FOR AN ENTREPRENEUR

LECTURE-2

DEPARTMENT of CHEMICAL ENGINEERING ANITS IICChE & IIC jointly organises
IMPACT LECTURE SERIES - II ON ENTREPRENEURSHIP
THEME: ENTREPRENEUR'S MINDSET

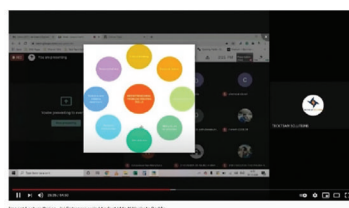
DEC 18 2020 2:00

Shri N Venkata Reddy
 Founder & Director
 Teck Team Solutions

Contact No: 7995362032
 Registration Link: <https://bit.ly/2JFn2Np>

Student Coordinators: B.VINSG Sudarshan, E.U.V. I.VINSG Anisheth, J.U.V.
 Faculty Coordinator: Dr. M. Shiva Nares, Mr. B. Pradeep Sankosh Kumar
 Dr. Ch. Anil, Convener, HOD

The second session was held on 18th December 2020 by Shri N Venkata Reddy, founder & director of Teck Team Solutions. He discussed the Entrepreneurial Problem-solving skills that every student who aspires to be an Entrepreneur faces at the beginning. He stated the rightful skills that need to be adapted for an Entrepreneur such as the ability to act on solutions, Business and industrial awareness, etc.



Lecture-2 on Entrepreneurial skills

LECTURE-3

DEPARTMENT of CHEMICAL ENGINEERING
ANITS 11ChE & 11C jointly organises
IMPACT LECTURE SERIES - II ON ENTREPRENEURSHIP
THEME: **ENTREPRENEUR'S MINDSET**
DEC 24 2020 2:00
Mr. Thota Sivaji
Founder & CEO
Aaharya Technologies Pvt Ltd

Contact No: 7995362032

Registration Link: <https://bit.ly/2JFn2Np>

Student Coordinators:
BVNSG Sudarshan, III/IV
IVRKNS Aniketh, III/IV

Faculty Coordinator:
Dr. M. Shiva Nareesh
Mr. B. Pradeep Santosh Kumar

Dr. Ch. Anil
Convener, HOD

LECTURE-4

DEPARTMENT of CHEMICAL ENGINEERING
ANITS 11ChE & 11C jointly organises
IMPACT LECTURE SERIES - II ON ENTREPRENEURSHIP
THEME: **ENTREPRENEUR'S MINDSET**
DEC 30 2020 2:00
Mr. Raghuvver Allada
Co-Founder & Director
SuperZop

Contact No: 7995362032

Registration Link: <https://bit.ly/2JFn2Np>

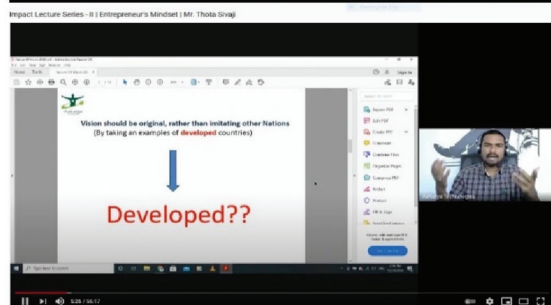
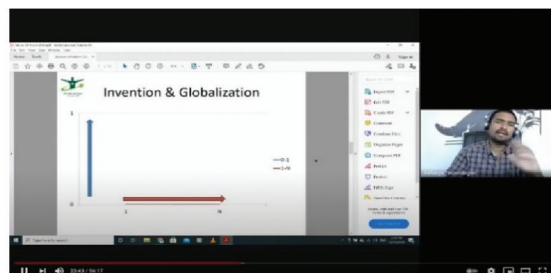
Student Coordinators:
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IVRKNS Aniketh, III/IV

Faculty Coordinator:
Dr. M. Shiva Nareesh
Mr. B. Pradeep Santosh Kumar

Dr. Ch. Anil
Convener, HOD

Flyer 3: Impact Lecture Series-II: Lecture-3

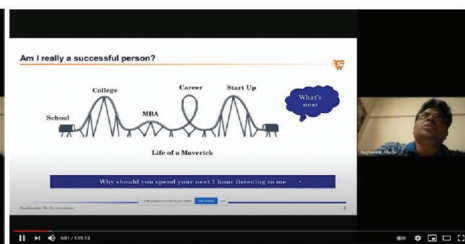
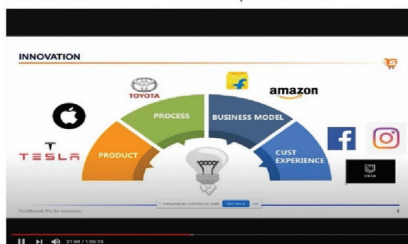
This Third session was held on 24th December 2020 by Mr. Thota Sivaji, Founder & CEO of Aaharya Technologies Pvt Ltd. He Stated how Invention and Globalization are playing a major part in the Nation's development with a statistical approach. He also stated that the vision should be visionary rather than imitating others. He concluded by stating various examples of how an Entrepreneur could define his ideology to be unique and helpful in social growth.



Lecture-3 on Innovation and Globalization

Flyer 4: Impact Lecture Series-II: Lecture-4

The fourth session was held on 30th December 2020 by Mr. Raghuvver Allada, Co-Founder & Director of SuperZop. He discussed about different innovations that led to a drastic change in today's world, by sector wise which involves product-based, process based, business model based, customer experience based. He noted the five key things for an Entrepreneur mindset. He clearly stated how to build an Entrepreneur mindset by giving Do's and Don'ts which inspired every student to build a strong step towards Entrepreneur.



Lecture-4 on Different types of Innovations

Placements details of 2017-21 Batch Students

S. No	Register ID	Name of the Student	Placed Organization
1	317126502001	Mr. Abhishek Reddy Putchala	Tata Consultancy Services Limited, Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited)
2	317126502002	Ms. Aditi Kumari	Deccan Fine Chemicals (India) Pvt. Ltd & Hetero Labs Limited
3	317126502003	Mr. Annangi Anirudh	Covalent Laboratories Private Limited
4	317126502004	Mr. B.V. Karthik Kiran	Covalent Laboratories Private Limited
5	317126502006	Mr. Ch. Deepak Kumar	Covalent Laboratories Private Limited
6	317126502007	Mr. Damarathi Sumanth Raj	Tata Consultancy Services Limited, Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited
7	317126502008	Mr. Dante Ronald	Tata Consultancy Services Limited, Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited)
8	317126502009	Mr. Ganapathiraju Suneel	Deccan Fine Chemicals (India) Pvt. Ltd.
9	317126502010	Mr. Gurram Sai appala Nuka Raju	Deccan Fine Chemicals (India) Pvt. Ltd.
10	317126502012	Ms. Kalla Reshma	Accenture in India & Hetero Labs Limited
11	317126502014	Ms. Majeti Veda Pranitha	Hetero Labs Limited
12	317126502016	Ms. Nagireddy Pushpa Lalitha	Accenture in India & Hetero Labs Limited
13	317126502017	Mr. Peela Dinny Abhiram	Infosys Ltd. & Deccan Fine Chemicals (India) Pvt. Ltd.
14	317126502019	Mr. Ponnamaneni Mani Kumar	Hetero Labs Limited
15	317126502021	Mr. Pyla Sandeep	Hetero Labs Limited
16	317126502022	Mr. Rokalla Suresh	Hetero Labs Limited
17	317126502023	Mr. Sabbavarapu Narendra Kumar	Infosys Ltd. & Deccan Fine Chemicals (India) Pvt. Ltd.
18	317126502025	Ms. Siby Neha Riya	Accenture in India & Hetero Labs Limited
19	317126502030	Mr. Yarlagadda Sridhar	Hetero Labs Limited
20	317126502031	Mr. Yaswanth Ram Kumar Chukka	Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited
21	318126502L01	Mr. Reddi Pavan Kalyan	Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited

22	318126502L02	Mr. Somisetty Dilip Kumar	Deccan Fine Chemicals (India) Pvt. Ltd.
23	318126502L03	Mr. Gedala Ravi sai Prsanna Kumar	Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited
24	318126502L04	Mr. Kandregula Sai Kishore	Covalent Laboratories Private Limited
25	318126502L06	Mr. Sivakoti Surya Harsha	Covalent Laboratories Private Limited
26	318126502L07	Mr. Lalam Pavan Kumar	Deccan Fine Chemicals (India) Pvt. Ltd.
27	318126502L08	Mr. B.B.S.Sumanth Kumar	Vasudha Pharma Chem Limited & Covalent Laboratories Private Limited
28	318126502L09	Mr. Sakinala Sai	Deccan Fine Chemicals (India) Pvt. Ltd. & Covalent Laboratories Private Limited
29	318126502L11	Mr. Baditaboyina Arun Kumar	Hetero Labs Limited
30	318126502L15	Mr. Seerapu Dilip	Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited
31	318126502L16	Mr. Sanipini Sai Krishna	Deccan Fine Chemicals (India) Pvt. Ltd. & Hetero Labs Limited
32	318126502L17	Mr. Cheepurupalli Ayyappa	Deccan Fine Chemicals (India) Pvt. Ltd. & Covalent Laboratories Private Limited
33	318126502L18	Mr. G.Manikyam	Deccan Fine Chemicals (India) Pvt. Ltd. & Covalent Laboratories Private Limited

GUEST LECTURES

Orientation Session on Entrepreneurship :

As a part of IIC calendar activity, ANITS Innovation Council in association with Department of Chemical Engineering conducted an online orientation session which focused on 'Entrepreneurship: A Way Forward' which is held on July 30, 2021. Around 70 Students and 10 faculties of our institution have participated actively in this session.

Flyer: Orientation Session on Entrepreneurship-A way forward

DEPARTMENT of CHEMICAL ENGINEERING

ANITS IIChe & IIC
jointly organise

AN ONLINE ORIENTATION SESSION ON

ENTREPRENEURSHIP : A WAY FORWARD

JULY 30 2021 2:00

Dr. Nagaveni Chokkavarapu
Managing Director
Allinaza Techno Consultancy
Hyderabad

7995362032

meet.google.com/qgp-newk-ikt

Student Coordinators:
BVNSG Sudarshan,III/IV
IVRNS Aniketh,III/IV
T V Anudeep Naidu,III/IV

Mr. B.Pradeep Santosh Kumar
Faculty Coordinator

Dr.Ch.Anil
Convener, HOD

This session was presented by Dr. Nagaveni Chokkavarapu who is the managing director of Allinaza Techno Consultancy, Hyderabad. She discussed about various problem-solving ideas and disruptive thinking. She exemplified her views about the opportunities for budding entrepreneurs during the COVID-19 pandemic. Her ideas on building up a startup was thought provoking for many students and she clarified all the doubts put up, making it an interactive session.

QUALITIES FOR AN ENTREPRENEUR

Three basic concepts an entrepreneur should understand before starting:

1. Don't be afraid of failures : You vision should be broad and very huge. It should not be an earn a living or a luxurious life. It should be far away from this and objective and goal oriented. Every successful entrepreneur had a series of failures. Only with these failures you will derive strength. Success never comes all at once. Like a wheel goes up and down so is the success and failures.
2. Don't Pause : Never stop. You have to be updated and keep your self very much dynamic to face real challenges.
3. Derive strength from Problems : your problems are your strength. Consider your problems to be the path for your strength. Problem solving approach will automatically increase this strength. A sailor never ever stops in the middle of the sea as he knows there are waves, danger but he knows that he has to reach the other side. So he never stop in between.

WHO SHOULD BE THE PARTNERS IN STARTUP?

- MUST BE 3-4 MEMBERS FORM A GROUP
- THEY MUST BE FROM DIFFERENT EDUCATIONAL BACKGROUNDS
- MULTI DISCIPLINARY NATURE OF PROJECTS NEED EXPERTISE FROM DIFFERENT BACKGROUND
- EX. SOIL MOISTURE SENSOR – ELECTRICAL ENGINEERING AND SOIL SCIENCES

WHAT IS MEANT BY INNOVATION?

INNOVATION AS THE CREATION OF NEW KNOWLEDGE AND IDEAS TO FACILITATE NEW BUSINESS OUTCOMES, AIMED AT IMPROVING INTERNAL BUSINESS PROCESSES AND STRUCTURES AND TO CREATE MARKET DRIVEN PRODUCTS AND SERVICES. INNOVATION ENCOMPASSES BOTH RADICAL AND INCREMENTAL INNOVATION.

MARKETING FUTURE OF PRODUCT

- If it is a software related product, don't sell the product. Give it on subscription. This ensures continuity of business.
- Material based product should have maintenance annually with warranty period maximum of one year.
- Sensor based system should have upgradation with changing technology with minimal charges

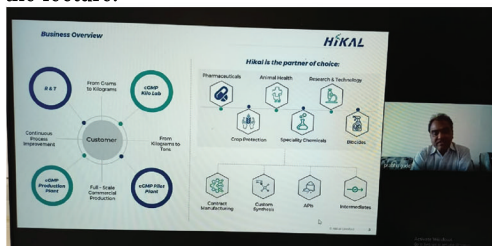
FEW EXAMPLES IN COVID-19 PANDEMIC

- Low-cost portable ventilators
- Affordable COVID-19 test kits
- Drones for sanitization
- Specialized digital stethoscopes
- Disposable bamboo furniture for makeshift isolation wards
- Infection-proof fabric for hospitals

Lecture on Entrepreneurship – A way forward

Guest Lecture on “Kitchen and living spaces- Engineering lessons & industry content”

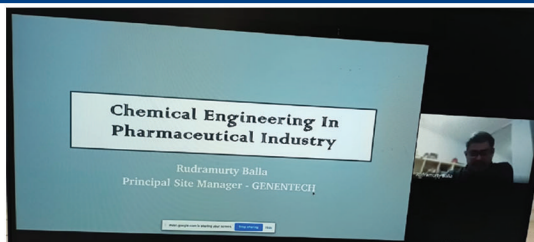
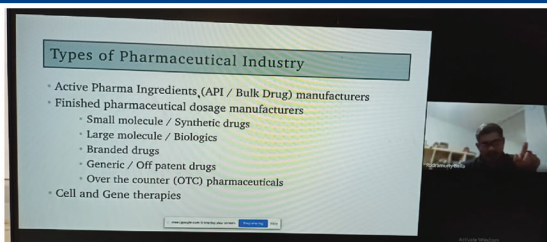
A guest lecture was jointly organized by ANITS - IChE student chapter & Department of Chemical Engineering on “Kitchen and living spaces- Engineering lessons & industry content” by Mr. Prabhu Gudelli, Vice President, Head-operations Crop projects division, Hikal, Ltd on 26th December, 2020. The speaker correlated daily life living things in kitchen and living spaces with the industrial equipment's to know the importance of engineering perspective in various stages of design, operation and maintenance of equipment's. In his lecture he emphasized on the role of chemical engineers in water treatment methods, design aspects of potable water and fire hydrant distribution systems. Size reduction equipment's in chemical and pharmaceutical industries like Filz mill, delumper, air classification mills and micronization were discussed. He also enlightened on fermentation and bioreactors, flammable liquids and gases. Dr. Ch. Anil, Head, Department of Chemical Engineering, faculty and students participated and benefitted through the lecture.



Lecture on “Kitchen and Living Spaces”

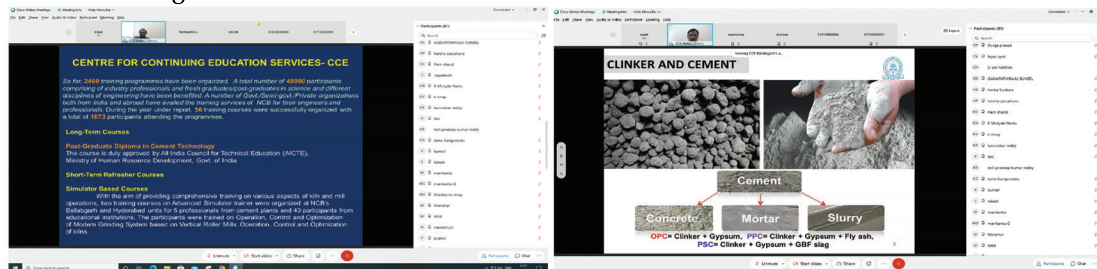
Guest Lecture on “Chemical Engineering in Pharmaceutical industry”

The Department of Chemical Engineering and IICHE Student Chapter of ANITS jointly organized a guest lecture on “Chemical Engineering in Pharmaceutical industry” by Mr. Rudramurthy Balla, Principal Site Manager - External Development, Collaborations at Genentech, San Francisco Bay Area though online on 11/01/2021. In his lecture Mr. Balla highlighted on chemical engineering- learning versus practicing in pharmaceutical industry. The contributions of chemical engineering by chemical engineers in pharma industry and their role in future were also highlighted. Students actively participated in interactive session at the end of the lecture. Dr. Ch. Anil, Head, Department of Chemical Engineering, faculty and students participated in the session.



Lecture on “Chemical Engineering in Pharmaceutical Industry” Guest Lecture on “Cement Chemistry - Its Applications & Overview of Indian Cement Industry”

The Department of Chemical Engineering, ANITS organized a guest lecture on “Cement Chemistry - Its Applications & Overview of Indian Cement Industry” by Mr. K. Praveen Kumar Reddy, Manager, National Council for cement and building materials, Delhi and Mr. G. Jaya Chandra Naidu, General Manager, National Council for cement and building materials, Delhi though online on 25/03/2021. In this lecture Mr. K.Praveen Kumar Reddy highlighted on short term and long term diploma courses in cement industry, Indian scenario in Cement Industry. Mr. G. Jaya Chandra Naidu emphasized on raw materials, manufacturing process, different fuels used in cement industry and also on types of cements. Dr. Ch. Anil, Head, Department of Chemical Engineering, faculty and students participated and the students are benefitted through the lecture.



STUDENT ACHIEVEMENTS 2020-21

S.No.	Name of the Student	Event details	Place	Date	Title	Achievement
1	Siby Neha Riya	Water Desalination, Treatment & Management, InDACon-2021	MNIT Jaipur	19-20th March, 2021	Water recourses and Desalination by renewable energy in India: a review	Won 1st prize, paper presentation
2	Vivek Inna				Recovery of Silica from Agricultural Waste of Rice Husk	
3	Sampath Kumar P				Presented Paper	
4	S Dinakara Vara Prasad	Frontier Technologies for 21st Centuries process Industries	Duragapur	6-7th March, 2021	Growth Kinetics of Spirulina Platensis using Microcontroller based Photobioreactor	Presented Paper

5	N Manoj Yadav,	Frontier Technologies for 21st Centuries process Industries	Duragapur	6-7th March, 2021	Extraction, Adsorption and Optimization of Chitosan (from Prawn Shells) in the Study of removal of Copper ions	Presented Paper
6	S Krishnaveni	Frontier Technologies for 21st Centuries process Industries	Duragapur	6-7th March, 2021	Extraction, Adsorption and Optimization of Chitosan (from Prawn Shells) in the Study of removal of Copper ions	Presented Paper

Race Events :

“Elocution”

RACE (Rays of Chemical Engineers) has conducted a Elocution Competition on the topic “COVID-19 Prevention Measures” on 13th March, 2021. Many students from 1st year and 2nd year were participated in the event, their ideology and hypothesis on the pandemic situation was thought provoking. This event mainly focused on the participants ideas on the preventive measures to be taken for COVID-19. Prizes were distributed among the participants who showed excellence.

“Mock-Parliament”

A mock-parliament session was organized by RACE on 10th April 2021. Members conducted discussions on “need of online classes for primary as well as college students” and “is lockdown required?”. The discussions among the members went well in disruptive manner for finding solution for the raised issues in the mock parliament. The participants were distributed with prizes according to their excellence.

Editor

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