

DEPARTMENT OF CHEMICAL ENGINEERING

ANNUAL REPORT ACADEMIC YEAR 2021-22

LIST OF EVENTS CONDUCTED FOR THE ACY 2021-22:

Event No.	Date	Type of Event	Title of the Event	
1	06.07.2021	Webinar	"Cracking GATE – Chemical Engineering"	
2	12.08.2021	Webinar	"Challenges Ahead of Chemical Engineers"	
3	22.09.2021	Celebration	Engineers Day 2021	
4	30.09.2021	Webinar	"Role of Chemical Engineers in Research and Industries in the Digital Age"	
5	24.10.2021	Webinar	Higher Study Opportunities in Foreign Universities	
6	13.12.2021	ISR	"Chemical Engineers: Untold Contributions to Humanity"	
7	15.12.2021	Interactive Session	Introduction to Chemical Engineering	
8	06.01.2022	Professional Society Activity	Inauguration of Indian Institute of Chemical Engineers Student Chapter - KPRIET	
9	09.02.2022	Guest Lecture	Wonders of Engineering	
10	11.02.2022	Webinar	International Webinar on "Nano materials synthesis for photo catalysis"	
11	12.02.2022	Webinar	Piping and Instrumentation for Chemical Engineers	
12	18.02.2022	Guest Talk	Autodesk 360 for Chemical Engineering Students	
13	22.03.2022 & 23.03.2022	International Conference	1 st International Conference on Sustainable Water 2022	
14	24.03.2022	Webinar	'Chemical Engineering: A broad varsity of profession	
15	31.03.2022	Distinguished Lecture Series	An Overview of Petroleum Refinery	
16	01.04.2022	Industry Visit	Industry Visit to Vikram Sarabhai Space Centre, Kerala	
17	06.04.2022	Celebration	Farewell Day for 2022 Batch	
18	12.04.2022	Guest Lecture	"Look Around! We are Omnipresent!"	
19	22.04.2022	Technical Symposium	EFFNOTS'22	
20	22.04.2022	Tech Talk	Mathematical Modeling and Simulation	

Event No. : 1

Date : 06.07.2021

Online Venue

Level of the Event State

Type of Event : Webinar

Title of the Event "Cracking GATE – Chemical Engineering"

In Association with : Career Advancement Cell, KPRIET

Mr.Bhavya Bhargava, Resource Person 1

PG Scholar at IIT Bombay, Department of Chemical Engineering

Resource Person 2

Dr. S. Balasubramaniam, Convener

Prof & Head / Chemical

Mr. K. Murugesan, Co-conveners

AP (Sr. G) / Chemical

: Faculty :08

Research Scholars No. of Internal

Participant (Count) Students :50

Others

: Faculty

No. of External Participant (Count)

Research Scholars

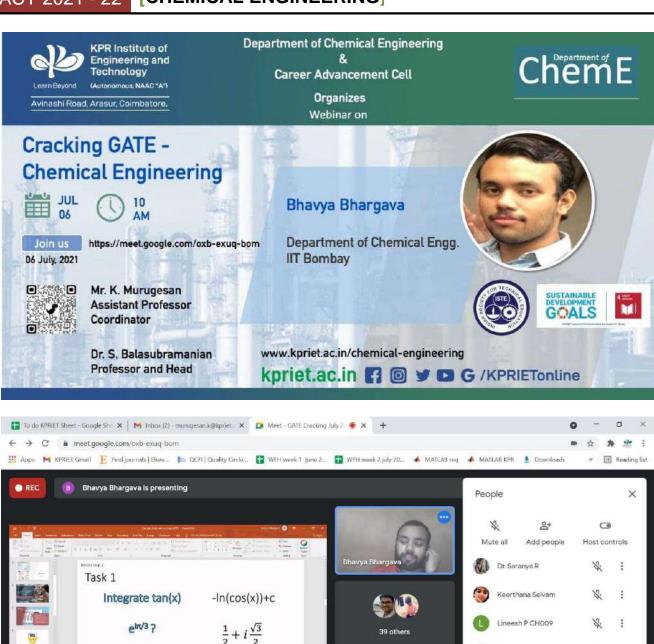
Students

Department of Chemical Engineering and CAC (Career Advancement Cell) jointly organized webinar titled, 'Cracking GATE - Chemical Engineering' on 06.07.2021, 10.00AM -11.30AM. Dr. S. Balasubramanian, Prof and Head / CH, welcomed our Chief Guest. Our Chief Guest, Mr.Bhavya Bhargava, PG Scholar at IIT Bombay, Department of Chemical Engineering, has secured 564th rank in 2020 GATE and 505th

rank in 2021 GATE. Mr. K. Murugesan, Assistant Professor Outcome (Sr.Grade)/CH, started the session by giving welcome note.

Student member, Ms. Varsha (III Year) introduced our chief guest. Session was started on time at 10 AM. Mr. Bhavya Bhargava delivered a nice session about how to crack the GATE exam. Students appreciated the session and learned about GATE preparation. Students' interacted with our guest. At the end of the session, Dr. R. Saranya, Head / CAC, delivered vote

of thanks. We had a nice session.



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Meaning of divergence?

10:21 AM | GATE Cracking July 2021

:

:

:

Nitu Kumari CH011

Tamil Arasan

Event No. : 2

Date : 12.08.2021

Venue Online

Level of the Event : State

Type of Event : Webinar

Title of the Event "Challenges Ahead of Chemical Engineers"

In Association with

Dr. N. Anantharaman,

: Distinguished Professor, Department of Chemical Engineering, Resource Person 1

NIT - Trichy

Resource Person 2

Dr. S. Balasubramaniam, Convener

Prof & Head / Chemical

Dr. E. Nakkeeran, Co-conveners

Associate Professor / Chemical

: Faculty :10

No. of Internal

Research Scholars

Participant (Count)

Students :70

Others

: Faculty

No. of External

Research Scholars Participant (Count)

Students

Department of Chemical Engineering Organized a webinar on "Challenges Ahead of Chemical Engineers" on August 12th, 2021 between 3- 4pm for students and faculty. A total of 80 participants attended the webinar. Resource person for the webinar is Dr. N. Anantharaman, Distinguished Professor, and Chemical Engineering Department. NIT, Trichy. Associate Professor, Chemical Nakkeeran, Engineering

Outcome

Department, KPRIET welcomed all the students for the webinar and introduced the Resource person to the students. Resource person started his speech from the difference between Engineering and Technology and also highlighted all the important aspects related to job needs, challenges, design aspects, Chemical engineering applications in various fields such as Energy, Medicine, Health, Communication, Petroleum, Leather, Polymer, plastics etc. At the end of the webinar, the Students also raised some questions and cleared their doubts.

Dr. G. Surendran, Associate Professor, Chemical Engineering Department, KPRIET proposed the vote of thanks.





Event No. : 3

Date : 22.08.2021

Venue : Gitam Hall, KPRIET

Level of the Event : College

Type of Event : Celebration

Title of the Event : "Engineers Day 2021"

In Association with

NA

Resource Person 1

Resource Person 2

Dr. S. Balasubramaniam,

Convener

Prof & Head / Chemical

Mr. K. Murugesan, Co-conveners

AP (Sr. G) / Chemical

: Faculty :10

No. of Internal

Research Scholars

Participant (Count)

Students :120

Others

: Faculty

No. of External

Outcome

Research Scholars Participant (Count)

Students

On behalf of department of chemical engineering, we celebrated

Engineers Day on 22nd September 2021, afternoon from 2:30 PM

to 4:00 PM. We had the session as per schedule.

The session started with invocation, our Tamizhthaai Vaazhthu. Dr. S. Karunakaran, Associate Head and Asp/CH, delivered welcome address. He encouraged the students by giving short speech. Dr. S. Balasubramanian, HoD/CH, delivered HoD's address. He motivated the students by delivering speech on why Engineers Day is celebrated and his address was very useful for buddy engineers. Felicitation address by Dr. S. Ramachandran, he motivated the students and faculty members. He presented an interesting talk on "Competency Model for Engineers". He covered impact of engineering, competency model, core competencies, workplace competencies, Industry-wide technical competencies and engineering outcomes. We have received feedback from students as very informative and well coordinated. appreciated honored for Budding Engineers and achievements in various aspects of curricular, co-curricular and extra-curricular activities. Faculty and staff members are also honoured for their achievements. Dr. Nitu Kumari delivered vote of thanks. We had a wonderful session.



Engineers Day Celebration DATE: 22/09/2021 VENUE: Gitam Hall TIME: 2.30 – 4.00 PM AGENDA: 2.30-2.35 PM: Invocation 2.35-2.40 PM: Welcome Address: Dr. S. Karunakaran 2.40-2.50 PM: HOD's Address: Dr. S. Balasubramanian 2.50-3.00 PM: Presidential Address: Dr. S. Ramachandran, Prof. ChemE, Head, CHED 3.00-3.50 PM: Prize Distribution 3.50-4.00 PM: Vote of Thanks: Dr. Nitu Kumari 4.00-4.05 PM: National Anthem 4.05-4.15 PM: Tea Break









Event No. : 4

Date : 30.09.2021

Venue Online

Level of the Event : State

: Webinar Type of Event

"Role of Chemical Engineers in Research and Industries in the Title of the Event

Digital Age"

In Association with

Dr. S. Prabhakar.

Resource Person 1 : Distinguished Professor, Department of Chemical Engineering,

SRM Institute of Science and Technology.

Resource Person 2

Dr. S. Balasubramaniam, Convener

Prof & Head / Chemical

Dr. E. Nakkeeran, Co-conveners

Associate Professor / Chemical

: Faculty :5

Research Scholars No. of Internal

Participant (Count) :70 Students

Others

: Faculty

No. of External

Research Scholars Participant (Count)

Students

Department of Chemical Engineering Organized a webinar on "Role of Chemical Engineers in Research and Industries in the Digital Age" on September 30th, 2021 between 2.30 - 3.30pm for students and faculty. A total of 75 participants attended the webinar. Resource person for the webinar is Dr. S. Prabakar, Distinguished Professor, and Chemical Engineering Department.

SRMIST, Kattankulathur, Tamilnadu. Dr. E. Nakkeeran, Outcome

Associate Professor, Chemical Engineering Department, KPRIET welcomed all the students for the webinar and introduced the Resource person to the students. Resource person started his speech from the definition of Chemical Engineering and also highlighted all the important aspects related to the webinar topic. At the end of the webinar, the students also interacted nicely with the resource person by asking some interesting questions and cleared their doubts. Dr. S. Balasubramanian, Professor and Head, Chemical Engineering Department, KPRIET proposed the vote of thanks. Overall, the webinar is quite interesting and very much useful for the students which were well appreciated by them.



Event No. : 5

Date : 24.10.2021

Venue Online

Level of the Event State

Type of Event : Webinar

Title of the Event 'Higher Study Opportunities in Foreign Universities'

In Association with : Career Advancement Cell, KPRIET

Ms. Nasima.

: MS Scholar Advanced Chemical Engineering with Biotechnology, Resource Person 1

Imperial College, London

Resource Person 2

Dr. S. Balasubramaniam, Convener

Prof & Head / Chemical

Mr. K. Murugesan,

Co-conveners Assistant Professor (Sr.G) / Chemical

> : Faculty :5

No. of Internal

Research Scholars

Participant (Count)

Students :80

Others

: Faculty

No. of External Participant (Count)

Research Scholars

Students

On 24.10.2021 at 02.00 PM IST, 09.30 AM (London, United Kingdom), we the department of Chemical Engineering and Career Advancement Cell jointly organized a Webinar on 'Higher Study Opportunities in Foreign Universities'. There are more than 80 students participated in this online webinar. Ms. Nasima, Engineering Advanced Chemical M. S. Scholar.

: Biotechnology, Imperial College, London, guided the students on Outcome

how to approach the abroad universities for their higher studies in Chemical Engineering. Senior professors and faculty members have attended the webinar. At the end of the session, Ms. Nasima interacted with the students and faculty members. It was really a useful and nice session for the students and the faculty

members of the department.





Career Advancement Cell in association with Department of Chemical Engineering

Webinar on Higher study opportunities in Foreign Universities. 24.10.2021, 2.00 pm, IST



Resource Person

Ms. Nasima,

M.S. Scholar,

Advanced Chemical Engineering with Biotechnology. Imperial College, London.

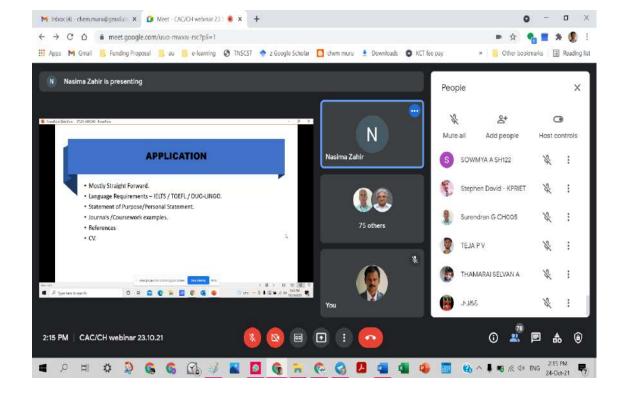
Faculty coordinator

Mr. Murugesan K , AP (Sr. Grade) / CH

Dr.S.Balasubramanian, Prof. & Head / CH Dr. R. Saranya, Head / CAC

https://meet.google.com/





Event No. : 6

Date : 13.12.2021

Venue : Vigneswara Vidhayalaya Hr.Sec School, Perumanallur

Level of the

Event

: School Level

Type of Event : Guest Talk – Institutional Social Responsibility Activity

Title of the

Event

: "Chemical Engineers: Untold Contributions to Humanity"

In Association

with

: Office of Admissions, KPRIET

Resource

Dr.S.Balasubramanian,

Person 1

Prof & Head,

Department of Chemical Engineering

KPRIET

Mr. N. Arunkumar AP (Sr.G) / Chemical

Convener

Mr. R. Anandkumar AP (Sr.G) / OoA

Co-convener

: 02 : Faculty

No. of Internal

Research Scholars

Participant

(Count)

Students : -

Others

No. of External

Participant

(Count)

: Faculty

Research Scholars : -

Students : 80

As a part of Institutional Social Responsibility activity to create Outcome

: 02

awareness among the school students about the contributions of

a Chemical Engineer in the society. Department of Chemical

[CHEMICAL ENGINEERING]

Engineering in association with the Office of Admissions at KPR Institute of Engineering and Technology has organized a special talk on "Chemical Engineers: Untold Contributions to Humanity" to the students of Vigneswara Vidhyalaya Matriculation Higher Secondary School, Perumanallur. About 80 Students and two faculty have attended the event. The event was well received by the students.





Department of Chemical Engineering and Office of Admissions

Organize A Special talk on

"Chemical Engineers: Untold Contributions to Humanity"

For +1, +2 Students



Speaker

Dr. S. Balasubramanian
Professor & Head
Department of
Chemical Engineering
KPR Institute of
Engineering and
Technology

Shri Chendoor Matric Hr.Sec.School, Kaniyampoondi 13.12.2021, 10 am - 11 am

Vigneswara Vidyalaya Hr.Sec.School, Perumanallur.

13.12.2021, 2 pm - 3 pm

Faculty Coordinators

Mr. N. Arunkumar AP(Sr.G)/Chemical Mr. R. Anandkumar AP(Sr.G)/OoA





For Admission - 95669 77728







Event No. : 7

Date : 15.12.2021

: I Year Chemical Class Room Venue

Level of the Event : College

Type of Event Interactive Session

Introduction to Chemical Engineering Title of the Event

In Association with

Dr. M. Ramasamy, Visiting Faculty, KPRIET Resource Person 1

Resource Person 2

Dr. S. Balasubramaniam, Convener Prof & Head / Chemical

Mr. K. Murugesan,

Co-conveners Assistant Professor (Sr.G) / Chemical

: Faculty

Research Scholars No. of Internal

Participant (Count) Students :60

Others

: Faculty

No. of External

Research Scholars Participant (Count)

Students

It is time to feed some small essence about what is Chemical Engineering? To the freshmen, first year Chemical Engineering students. Dr. M. Ramasamy, Former Professor, Universiti

Teknologi PETRONAS, and Visiting Professor to our Department

: of Chemical Engineering, had given an introductory talk to the Outcome

> young engineers about the basics of Chemical Engineering. 60 students have attended the session. He interacted with the students. Students asked doubts and our professor cleared in the

nice way. We had a great session.



Event No. : 8

Date : 06.01.2022

Venue : The Legend & Online Mode

Level of the Event : Department Level

Type of Event : Inauguration

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

Title of the Event : KPRIET"

In Association with : -

Mr. S. Ramachandran

Resource Person 1 : CEO, Kavin Engineering Services Pvt Ltd

Coimbatore

Dr. T. Kannadasan

Resource Person 2 Chairman, IIChE

Coimbatore Regional Centre

Convener : Dr. S. Balasubramanian / HoD (Chemical)

Co-convener : Mr. N. Arunkumar AP(Sr.G) / Chemical

: Faculty : 15

No. of Internal Research Scholars : -

Participant (Count) Students : 100

Others:

Faculty : -

No. of External

Research Scholars : -

Participant (Count)

Students : -

The Department of Chemical Engineering inaugurated the student chapter of Indian Institute of Chemical Engineers (IIChE) at KPR

Institute of Engineering and Technology, Coimbatore on 06.01.2022.

Outcome : The event was conducted at legend hall both in online and offline

mode. The chief guest, faculty members, office bearers and committee members were present attended offline whereas the students of all the years have joined through online mode in Google

meet.







Mr. S. Ramachandaran, Chairman and Chief Executive Officer, Kavin Engineering and Service Private limited, Coimbatore was the chief guest and Dr. T. Knnadasan, Chairman IIChE, Coimbatore regional Centre, former VC, Anna University of technology, Coimbatore was the guest of honour. Dr. S. Balasubramaniam, HOD /Chemical have welcomed the gathering. Dr. M. Akila, Principal has given the presidential address virtually followed by felication address by Dr. A.M. Natarajan, CE and Dr. S. Ramachandran, Director, CIIED.



The office bearers were introduced in the meeting and given badges by the chief guest. As a token of love and respect the chief guest and guest of honour were presented with a corporate gift and shawl.

The chief guest and guest of honour have addressed the members. They have shared their enriching experience and gave us enlightening speech and were so informative.

The student achievers of various events were honoured by the chief guest and guest of honour with a shield.

At the end Mr.Muralidaran, IV Chemical Engineering and president IIChE student chapter proposed the vote of thanks.



List of office Bearers

(2021 – 2022)

S.No	Name of the student / Faculty	Position
1	Mr. G. Muralidhaaran	President
2	Mr. A. Amal Kumar	Secretary
3	Mr. B. Kumaresan	Treasurer
4	Mr. K. Sriram	Vice President
5	Mr. S. Atharsh	Join Secretary
6	Mr. S. Mohammed Rizal	Join Treasurer
7	Mr. V. S. Akshay Krudhi	Executive Member
8	Mr. K. Ramkumar	Executive Member
9	Mr. J. Deepak	Event Coordinator
10	Mr. S. Giridharan	Event Coordinator
11	Mr. N. Arunkumar, Assistant Professor, (Sr.G)	Faculty Advisor







Department of Chemical Engineering

Invites you for the

Inauguration

of

The Student Chapter of Indian Institute of Chemical Engineers (IIChE)

KPR Institute of Engineering and Technology,
Coimbatore.

January 6, 2022 10:00 a.m.

Venue: Veena Hall

Chief Guest

Mr. S. Ramachandran

Chairman & Chief Executive Officer,
Kavin Engineering and Services Private Limited,
Coimbatore.

Guest of Honour

Dr. T. Kannadasan

Chairman, IIChE, Coimbatore Regional Centre, Former VC, Anna University of Technology, Coimbatore.

Dr. M. Akila

Principal, KPRIET

Dr. S. Ramachandran

Director / CHED, KPRIET.

Convenor

Dr. S. Balasubramanian

Prof & Head / Chemical

kpriet.ac.in

Dr. A. M. Natarajan

Chief Executive, KPRIET.

Faculty Coordinator

Mr. N. Arunkumar

Assistant Professor(Sr. G) / Chemical

Program Schedule Tamilthai Vazhthu 10.00 a.m 10.02 a.m Welcome Address Dr. S. Balasubramanian, Head/Chemical 10.05 a.m Introduction of office bearers 10.15 a.m Presidential Address Dr. M. Akila, Principal, KPRIET 10.25 a.m Felicitation Dr. A. M. Natarajan, CE, KPRIET 10.35 a.m. Felicitation Dr. S. Ramachandran, Director/ CHED, KPRIET 10.45 a.m Honoring the Chief Guest and **Guest of Honour** 10.50 a.m Address by Chief Guest Mr. S. Ramachandran, Chief Executive Officer, Kavin Engineering and Services Private Limited. 11.05 a.m Address by Guest of Honour Dr. T. Kannadasan, Chairman, IIChE Coimbatore Regional Center. 11.20 a.m Honoring the student achievers Vote of Thanks 11.30 a.m 11.35 a.m National Anthem kpriet.ac.in

Event No. : 9

Date : 09.02.2022

Venue : III Year Class Room

Level of the Event : Department Level

Type of Event : Guest Lecture

Title of the Event : "Wonders of Engineering"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Dr. S. Arivazhagan

Innovation Officer, Aviation and Robotics Club,

KPRIET

Convener : Dr. S. Balasubramanian, Prof & Head / Chemical

Dr. E. Nakkeeran, Associate Prof / Chemical

Co-convener

Mr. N. Arunkumar, AP(Sr.G) / Chemical

: Faculty : 10

No. of Internal Research Scholars : -

Participant (Count) Students : 50

Others :

: Faculty :-

No. of External

Outcome

Participant (Count)

Research Scholars :

Students : -

Department of Chemical Engineering at KPR Institute of Engineering and Technology, Coimbatore has organized a guest lecture titled,

'Wonders of Engineering' on 09.02.2022, 02.30PM - 04.30PM at III

Year class room. Dr. S. Arivazhagan Innovation Officer, Aviation and

Robotics Club, KPRIET was the speaker of the invited talk. There were around 60 participants including faculty members. The session

was very informative and interactive. Participants had gained

[CHEMICAL ENGINEERING]

knowledge on innovation and awareness of various competitions conducted throughout the country. The event came out successfully



Department of Chemical Engineering

IIChE Student Chapter Jointly Organizes a **Guest Lecture** on







09. 2022



02:30



Dr. S. Arivazhagan

Innovation Officer Aviation and Robotics Club KPRIET, Coimbatore



Third Year Lecture Hall Department of Chemical Engineering











Convenor

Dr. S. Balasubramanian

Coordinator(s)

Dr. E. Nakkeeran Mr. N. Arun Kumar

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Event No. : 10

Date : 11.02.2022

Venue : Online Mode

Level of the Event : Department Level

Type of Event : International webinar

Title of the Event : "Nanomaterials synthesis for photocatalysis"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Dr.Awais Ahmed

Research scientist- Organic Chemistry,

University of Cordoba,

SPAIN

Convener : Dr. S. Balasubramanian, Prof & Head / Chemical

Dr. S.Karunakaran, Associate Prof / Chemical

Co-convener

Mr. N. Arunkumar, AP(Sr.G) / Chemical

: Faculty : 10

No. of Internal Research Scholars : -

Participant (Count) Students : 70

Others: 05

Faculty : -

No. of External

Participant (Count)

Research Scholars : - 02

Students : - 01

Outcome Whirl-winded another dimension of research knowledge and

became an opulent path way to research



KPR Institute of **Engineering and** Technology

Learn Beyond

Department of Chemical Engineering IIChE Sudent Chapter, KPRIET

Organize an International webinar on

NANOMATERIALS SYNTHESIS FOR **PHOTOCATALYSIS**

Resource person







11 Feb 2022



3.00 pm - 4.00 pm



https://meet.google.com/ceu-gdnc-drx













Convener

Dr. S. Balasubramanian Professor & Head/Chem, KPRIET

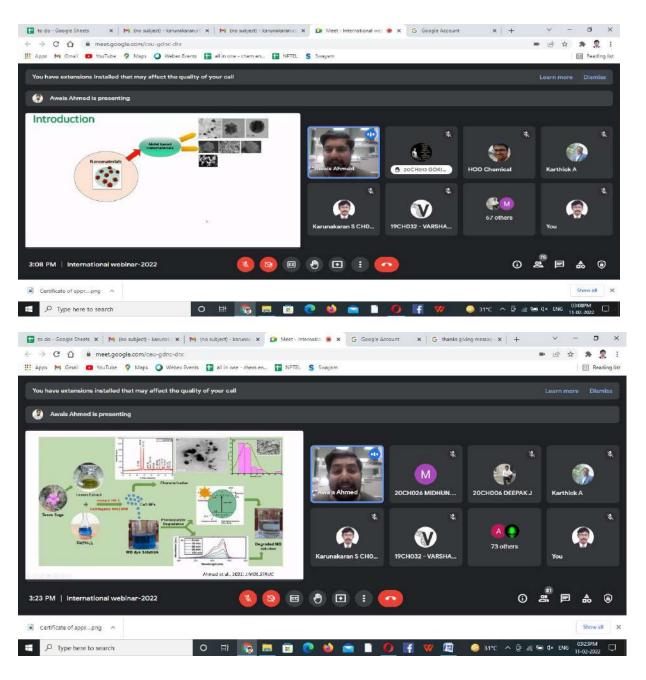
> Coordinators Dr. S.Karunakaran AsP/Chem, KPRIET

Mr. N. Arunkumar AP (Sr. G.)/Chem, KPRIET





Department of Chemical Engineering at KPR Institute of Engineering and Technology, Coimbatore has organized an International conference titled, 'Nanomaterials synthesis for photocatalysis' on 11.02.2022, 03.00PM - 04.00PM at online mode. Dr. Awais Ahmed, Research scientist/ Organic chemistry, University of Cordoba, Spain acted as resource person and presented his great research knowledge in nanomaterial synthesis in chemical fields for 85 participants including faculty members. His session whirl-winded another dimension of research knowledge and became an opulent success



Event No. : 11

Date : 12.02.2022

Venue : Google Meet

Level of the Event : Department Level

Type of Event : Webinar

Title of the Event : "Piping and Instrumentation for Chemical Engineers"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Mr. S. Ramkumar

Inside Sales Engineer, IMI Critical Engineering,

Bangalore

Convener : Dr. S. Balasubramanian, Prof & Head / Chemical

Mr. N. Arunkumar, AP(Sr.G) / Chemical

Co-convener(s)

Dr. S. Karunakaran, Associate Prof / Chemical

: Faculty : 10

No. of Internal Research Scholars : -

Participant (Count) Students : 40

Others:

: Faculty :-

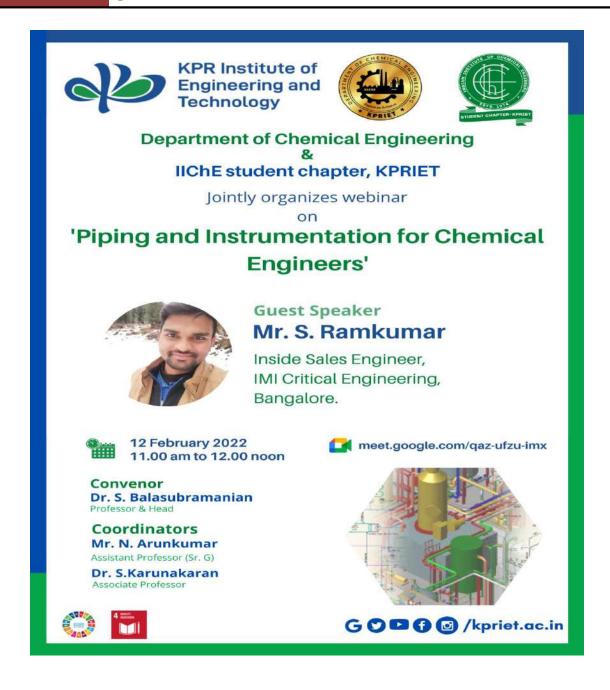
No. of External

Participant (Count)

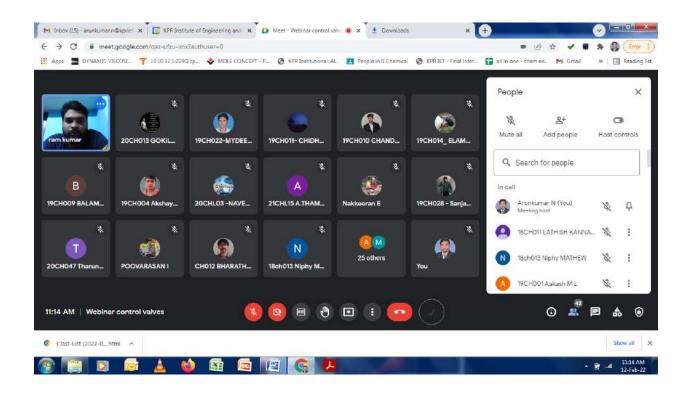
Research Scholars : -

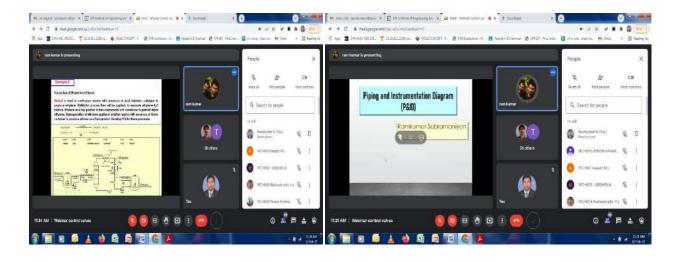
Students : -

Outcome :



Department of Chemical Engineering at KPR Institute of Engineering and Technology, Coimbatore has organized a webinar on 'Piping and Instrumentation for Chemical Engineers' on 12.02.2022, 11.00AM - 12.00Noon in Google meet. Mr. S. Ramkumar Inside Sales Engineer, IMI Critical Engineering, Bangalore was the speaker of the invited talk. There were around 50 participants including faculty members. The session was very informative and interactive. Participants had gained knowledge on piping and instrumentation of various process indusries. The event came out successfully





Event No. : 12

Date : 18.02.2022

Venue : III Year Class Room

Level of the Event : Department Level

Type of Event : Guest Lecture

Title of the Event : "Autodesk 360 for Chemical Engineering"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Mr. B. K. Saravanan

Assistant Professor, Department of Mechanical Engineering,

KPRIET

Convener : Dr. S. Balasubramanian, Prof & Head / Chemical

Dr. E. Nakkeeran, Associate Prof / Chemical

Co-convener

Mr. N. Arunkumar, AP(Sr.G) / Chemical

: Faculty : 10

No. of Internal Research Scholars : -

Participant (Count) Students : 50

Others:

Faculty : -

No. of External

Participant (Count)

Research Scholars :

Students : -

Department of Chemical Engineering at KPR Institute of Engineering and Technology, Coimbatore has organized a guest lecture titled,

'Autodesk 360 for Chemical Engineering' on 18.02.2022, 03.00PM -

Outcome : 04.30PM at III Year class room. Mr. B. K. Saravanan, KPRIET was

the speaker of the invited talk. There was around 60 participants including faculty members. The session was very informative and interactive. Participants had gained knowledge on the applications of

auto desk in the field of chemical Engineering. The event came out successfully



Department of Chemical Engineering



IIChE Student Chapter

Jointly Organizes an Interactive Session

AutoDesk 360 for Chemical **Engineering Students**







Saravanan B K

Assistant Professor Department of MechE KPRIET, Coimbatore



Department of Chemical Engineering



Dr. S. Balasubramanian

Coordinator(s)

Dr. E. Nakkeeran Mr. N. Arun Kumar

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Event No. : 13

Date : 22.03.2022 & 23.03.2022

Venue : Virtual Mode

Level of the Event : International Level

Type of Event : Conference

: "1st International Conference on Sustainable water 2022" Title of the Event

Indian Institute of Chemical Engineers (IIChE) Student Chapter,

In Association with **KPRIET**

Dr. Hemlata Bagla

Resource Person 1 : Vice Chancellor

HSNC University, Mumbai Dr. Manish Kumar Goyal

Resource Person 2 Prof and Dean, Infrastructure Development,

IIT Indore

: Dr. S. Balasubramanian / HoD (Chemical) Convener

Dr. G. Surendran AsP / Chemical

Co-convener

Dr. E. Nakkeeran AsP / Chemical

: Faculty : 15

No. of Internal Research Scholars 1.5

Participant (Count) Students : 150

Others

Faculty : 10

No. of External

Research Scholars

Participant (Count)

Students :31

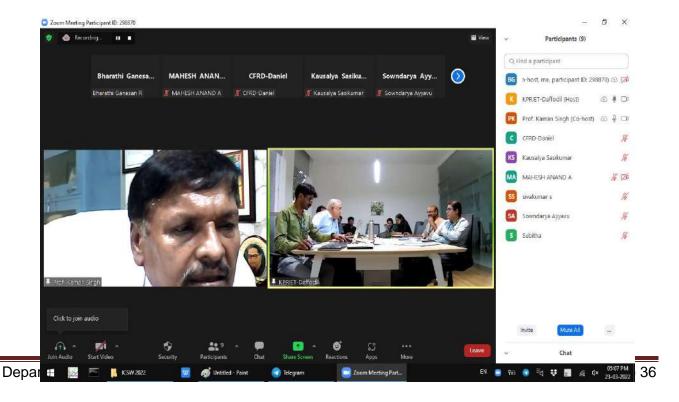
The Department of Chemical Engineering has organized 1st International Conference on Sustainable Water 2022 in virtual mode on 22nd and 23rd of March 2022. The event witnessed keynote addresses of eminent personalities from the global universities. There

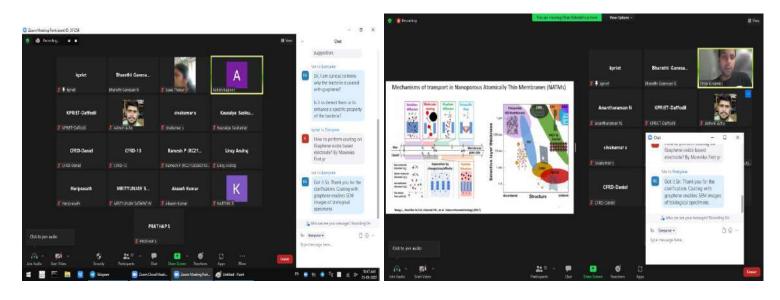
Outcome were totally four keynote addresses and 6 technical sessions

conducted. A total of 31 papers were presented virtually by students and research scholars from various colleges and research institutions across India and globe. Research articles were presented based on the theme related to water. Solutions through Innovative methods and

technology for the problems associated with water were presented through the forum.









Event No. : 14

Date : 24.03.2022

Venue : Online

Level of the Event : International

Type of Event : Webinar

Title of the Event "Chemical Engineering: A broad varsity of profession"

In Association with : IIChE Student Chapter and Career Advancement Cell, KPRIET

Resource Person : Dr. S. Venkatesa Prabhu

Assistant Professor, Addis Ababa Technological University,

Ethiopia

Convener : Mr. K. Murugesan, AP(Sr.G) / Chemical

Ms. B. Umamaheswari, I Year / Chemical

Co-convener : Mr.J. Deepak, II Year / Chemical

> : Faculty : 5

No. of Internal Research Scholars

Participant (Count) Students : 80

Others

: Faculty

No. of External

Research Scholars Participant (Count)

> Students : -

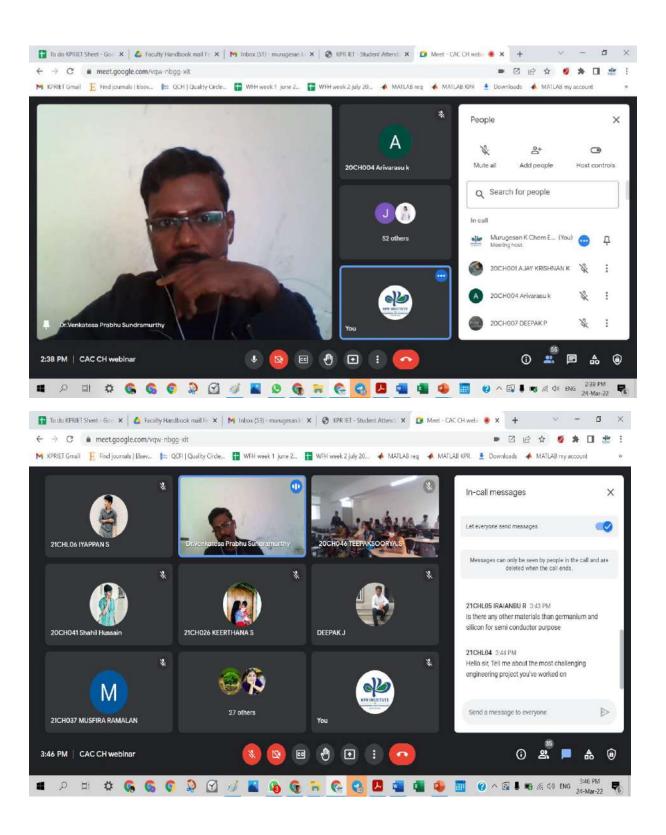
Department of Chemical Engineering and Career Advancement Cell Outcome

jointly organized a Webinar on 'Chemical Engineering: A broad

varsity of profession'. More than 80 students participated in this

online webinar. Dr. Venkatesa Prabhu S, Assistant Professor, Chemical Engineering, Addis Ababa Science and Technology University, Ethiopia, guided the students on how the various field involves in Chemical Engineering. Senior professors and faculty members have attended the webinar. At the end of the session, Dr. S Venkatesa Prabhu, interacted with the students and faculty members. It was really a useful and nice session for the students and the faculty members of the department.





Event No. : 15

Date : 31.03.2022

Venue : Online - Google Meet

Level of the Event : National

: Webinar Type of Event

Title of the Event : "An Overview of Petroleum Refinery"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Shri. Chiranjeevulu

Chief Manager (Retd.,),

ONGC - MRPL Mangalore

Convener : Dr. S. Balasubramanian, Prof & Head / Chemical

Dr. R. Bharathi Ganesan, AP(Sr.G) / Chemical

Co-convener : Mr.K. Murugesan, AP(Sr.G) / Chemical

> : Faculty : 5

No. of Internal Research Scholars

Participant (Count) Students : 80

Others

: Faculty : -

No. of External

Research Scholars Participant (Count)

> Students : -

Department of Chemical Engineering and Career Advancement Cell Outcome

jointly organized a Webinar on "An Overview of Petroleum

Refinery". More than 80 students participated in this online webinar.

Shri. Chiranjeevulu, guided the students on how the various field involves in Chemical Engineering. Senior professors and faculty members have attended the webinar. At the end of the session, speaker, interacted with the students and faculty members. It was really a useful and nice session for the students and the faculty members of the department.











Department of Chemical Engineering Organizes

Distinguished Lecture Series - I
in association with IIChE students chapter
An overview of Petroleum Refinery



Resource Person

Shri. Chiranjeevulu Retd.Chief Manager ONGC -MRPL Mnagalore

Date: 31.03.2022 - 2:00 PM https://meet.google.com/hwe-mcxj-bbh

Convener

Dr. S. Balasubramaniyan, Head / CH

Faculty Coordinators

Dr. R. Bharathi Ganesan , Facult /CH

Mr. K. Murugesan, Faculty /CH

Student coordinators

Kanishka Sri A U, 2nd Year /CH

Vinothane KT, 1st Year /CH

COOOOO OO OO OO kpriet_chemical_engineering

Event No. : 16

Date : 01.04.2022

Venue : Vikram Sarabhai Space Centre, Kerala

Level of the Event : College

Type of Event : Industry Visit

Title of the Event : -

In Association with : IIChE Student Chapter, KPRIET

Resource Person : -

Convener : Mr. N. Arunkumar, AP(Sr.G) / Chemical

Co-convener :

: Faculty : 1

No. of Internal Research Scholars : -

Participant (Count) Students : 20

Others:

: Faculty :-

No. of External

Outcome

Participant (Count)

Research Scholars : -

Students : -

Department of Chemical Engineering and IIChE organized an Industrial Visit to VSSC, Kerala as a part of their academic activity.

Faculty member along with students has visited the materials and research division and space museum of the Indian Space Reasearch

Organisation. Fuel and Propellants used for rocket expulsion and

various satellites models are exhibited. Students gained knowledge on the different launching vehicles and its features. Applications of

each satellites and its purpose is taught to the students elaborately.



Event No. : 17

Date : 06.04.2022

Venue : ECE Seminar Hall

Level of the Event : College

Type of Event : Celebrations

Title of the Event : "Farewell Day – 2022 Batch"

In Association with : IIChE Student Chapter, KPRIET

Resource Person : -

Convener : Mr. N. Arunkumar, AP(Sr.G) / Chemical

Co-convener : I, II, & III Years / Chemical Engineering

: Faculty : 15

No. of Internal Research Scholars : -

Participant (Count) Students : 150

Others:

: Faculty :-

No. of External

Participant (Count)

Research Scholars :

Students : -

Department of Chemical Engineering and IIChE Student Chapter at KPRIET have organized the farewell celebrations for the outgoing batch 2022 on 6.04.2022 at 2.00 PM in ECE seminar hall. Faculty

members were also invited for the event. Dr. S. Ramachandran a

Outcome : senior professor of the department gave an inspiring speech for the

students. Students and faculty share their memories on the dias. Several events were conducted by the students. As a part of the event cake cutting and gift distribution to the outgoing students were

taken place. It was really a fun filled event with memories

ACY 2021 - 22 [CH

[CHEMICAL ENGINEERING]









Event No. : 18

Date : 12.04.2022

Venue : Offline Mode

Level of the Event : Department Level

Type of Event : Guest Lecture

Title of the Event : "Look Around! We are Omnipresent...!"

In Association with : IIChE Student Chapter, KPRIET

Mr. Ajay Koushik,

Resource Person : Research Scholar,

IIT Madras.

Convener : Dr. S. Balasubramanian, Prof & Head / CH

Faculty coordinator : Mr. K. Murugesan, Assistant Prof - Sr. Grade / CH

: Faculty : 05

No. of Internal : Research Scholars : -

Participant (Count) : Students : 60

: Others : -

Faculty : -

No. of External

Outcome

Participant (Count) : Research Scholars : -

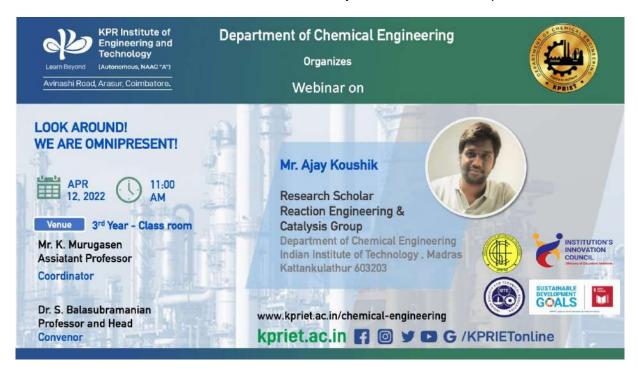
: Students : -

Department of Chemical Engineering organized a Seminar titled, 'Look Around! We are Omnipresent...!'. There are more than 60 students and 5 faculty members attended in this seminar. Mr. Ajay

Kousik, Research scholar, Department of Chemical Engineering, IIT Madras, was the Resource Person of the session. He is working in the area of specialization, 'Reaction Engineering & Catalysis Group'. He explained about the concept of Omnipresent. He interacted with

Department of Chemical Engineering, KPRIET, Coimbatore.

the students in a good manner. In the middle he engaged with online poll. Query session was very useful. It was really a knowledge session for the students and the faculty members of the department.







Event No. : 19

Date : 22.04.2022

Venue : Chemical Engineering Block

Level of the Event : National Level

: Technical Symposium Type of Event

Title of the Event : EFFNOTS' 2022

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Dr. M. Chidambaram,

Former Head, Chemical Engineering, IIT Madras.

Convener : Dr. S. Balasubramanian, Prof & Head / CH

Faculty coordinator : Mr. N. Arunkumar, Assistant Prof - Sr. Grade / CH

> : Faculty : 15

No. of Internal : Research Scholars : -

Participant (Count) : Students : 120

: Others

: Faculty

No. of External

: Research Scholars Participant (Count)

> : Students : 80

Department of Chemical Engineering in association with the Indian Institute of Chemical Engineers (IIChE) Student Chapter, KPRIET organized a national level technical Symposium on 22.04.2022 at KPRIET. The event witnessed more than 200

Outcome participants from various colleges of engineering streams, Arts &

Science and other disciplines. The event was inaugurated by the chief guest Dr. M. Chidambaram, former head, Department of Chemical Engineering, IIT Madras. All the technical and nontechnical events were conducted only by the students. Faculty members were invited as a judge for every event and the cash prize and certificate were distributed for the winners of the event as a token of appreciation. Workshop on Basics of ASPEN Plus is a part of the event where two batches of 40 students each were actively participated and benefited out of it. Certificates were distributed to all the participants of the workshop. Lunch, refreshments and kit were provided to all the registered participants.

















(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.





Department of Chemical Engineering

IIChE Student Chapter, KPRIET

Invites you for the

Inauguration

Of

National Level Technical Symposium

EFNOTS 2022

KPR Institute of Engineering and Technology, Coimbatore

April 22,2022

9:10 a.m.

Venue: Veena Hall

Chief Guest

Dr. M. Chidambaram

Former Head, Department of **Chemical Engineering, IIT Madras** Former Director, NIT Trichy **Emeritus Professor, NIT Warangal**

In the Presence of

Dr.S. Ramachandran Director / CIIED, KPRIET

Dr. M. Akila Principal, KPRIET Dr .M. Ramasamy **Visiting Prof/ Chemical**

Convenor

Dr. S. Balasubramanian Prof & Head / Chemical

Faculty Coordinator

Mr. N. Arunkumar Assistant Professor(Sr.G) / Chemical

kpriet.ac.in

G O D G / KPRIET online

Program Schedule

9:10 a.m. Invocation Song

9:12 a.m. Welcome Address

Dr. S. Balasubramanian, Prof & Head / chemical

9:15 a.m. Lighting the lamp

9:18 a.m. Presidential Address

Dr. M. Akila, Principal, KPRIET

9:23 a.m. Felicitation

Dr. S. Ramachandran, Director / CIIED, KPRIET

9:28 a.m. Felicitation

Dr. M. Ramasamy, Visiting Prof / Chemical

9:33 a.m. Honoring the Chief Guest

9:35 a.m. Chief Guest Address

Dr. M. Chidambaram

Former Head, Department of Chemical

Engineering, IIT Madras

Former Director, NIT Trichy

Emeritus Professor, NIT Warangal

9:45 a.m. Vote of Thanks

9:50 a.m. National Anthem

kpriet.ac.in

ACY 2021 - 22

[CHEMICAL ENGINEERING]

Event No. : 20

Date : 22.04.2022

Venue : Veena Hall

Level of the Event : National Level

Type of Event : Tech Talk

Title of the Event : Mathematical Modeling and Simulation

In Association with : IIChE Student Chapter, KPRIET

Resource Person : Dr. M. Chidambaram,

Former Head, Chemical Engineering, IIT Madras.

Convener : Dr. S. Balasubramanian, Prof & Head / CH

Faculty coordinator : Mr. N. Arunkumar, Assistant Prof - Sr. Grade / CH

: Faculty : 15

No. of Internal : Research Scholars : -

Participant (Count) : Students : 120

: Others :-

: Faculty :-

No. of External

Participant (Count) : Research Scholars : -

: Students : 80

Department of Chemical Engineering in association with the Indian Institute of Chemical Engineers (IIChE) Student Chapter, KPRIET organized a national level technical Symposium on 22.04.2022 at KPRIET. The event witnessed more than 200

Outcome : participants from various colleges of engineering streams, Arts &

Science and other disciplines. The event was inaugurated by the chief guest Dr. M. Chidambaram, former head, Department of Chemical Engineering, IIT Madras. As a part of the even a tech talk was delivered by the guest on mathematical modeling and

Simulation. The lecture was attended by the internal and external participants of the symposium. A overview and given on the topic with demonstration of examples.









Department of Chemical Engineering in association with **IIChE Student Chapter, KPRIET**

Organizes a Tech Talk on

Mathematical Modeling and Simulation

Resource Person



Dr . M. Chidambaram

Former Head / Chemical Engg. - IIT Madras Former Director, NIT Trichy Emeritus Professor, NIT Warangal



Date: 22.04.2022, Friday

Time: 10:00 a.m.



Venue: Veena Hall

Coordinator Mr. N. Arunkumar Assistant Professor (Sr.G) / Chemical

Convenor Dr. S. Balasubramanian Prof & Head / Chemical



6 6 G KPRIET online