

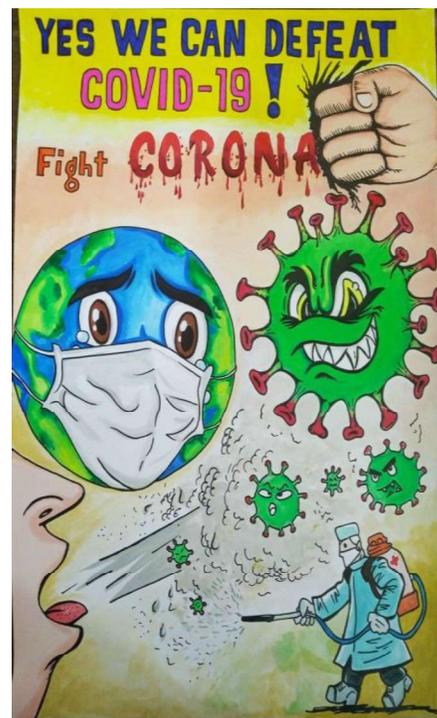


ROHINI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE and Affiliated to Anna University, (An ISO Certified Institution)



MECHANICAL BEATS OF ROHINI

Jan 2021 – Jul 2021



Rohini college of engineering and technology

The Department Newsletter

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Editorial Board Members

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Prof.V.LOGANANTHAN**

Institute Vision

- To be an academic Institute of continuous Excellence towards education and research in rural regime and provide service to nation in terms of nurturing potentially higher social, ethical and engineering companion graduands.

Institute Mission

- To foster and promote technically competent graduands by imparting the state of art engineering education in rural regime.
- To enunciate research assisted scientific Learning by dissemination of knowledge towards science, agriculture, industry and national security.

Department Vision

- To inculcate competence in the field of Mechanical Engineering for the students by providing quality education and learning opportunities to enable them to become ethically strong engineers for the development of society.

Department Mission

- To provide fundamentals and technical skills in Mechanical Engineering through effective teaching-learning methodologies.
- To provide an ambience for research through collaborations with industry and academia.
- To inculcate students with leadership quality and employability skills with ethical values.

FACULTY DEVELOPMENT PROGRAMME ORGANIZED BY OTHER DEPARTMENTS

The faculties of mechanical engineering have participated in various programmes organized by Department of Humanities & Science. The management of Rohini College of Engineering & Technology encourages the faculties of mechanical engineering to participate actively to improve the knowledge and skill of students by advancements.

FDP ON " Developing Communication Skills of Students"

To enhance learning process with information, simulations and engaging learning activities, Department of English organized a 2 days faculty development programme on 20th June 2021 on "Developing Communication Skills of Students". Use of multiple instruction method to achieve the learning objectives and hoping the speaking and writing skills of the students was the topic.

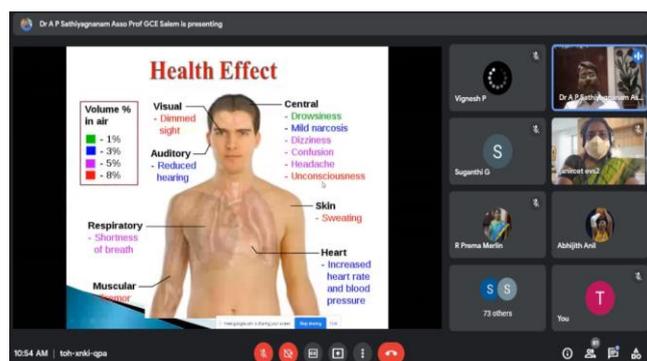
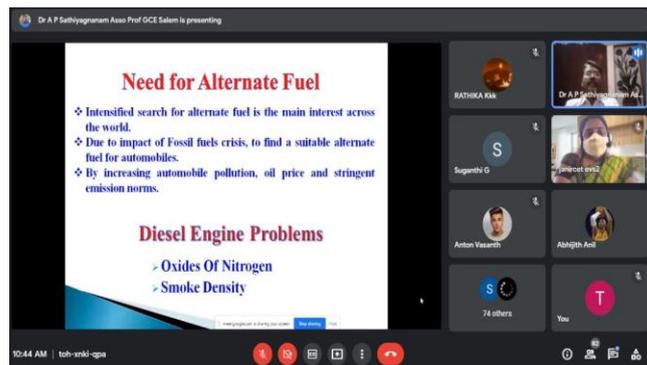
FDP on "Advances in Material Research"

Department of Physics conducted a 2 day FDP on 14 th and 15 th of June 2021 on " Advances in Material Research " to increase the accountability of the faculty in rejuvenation and curiosity to know the innovations in their field.

FDP on " Bio diesel production and optimization & Biofuels "

To enhance the professional development of the faculty , department of chemistry organized a 2 days FDP on " Bio diesel production and

optimization & Biofuels" on 18th and 19th August 2021.



FDP ON ROBOTICS AND AUTOMATION



Department of Electronics and Communication conducted a 5 days faculty development programme on "Robotics and Automation" from 10 to 14 th August 2021 to upgrade the knowledge of faculty. The key focus of the FDP were design, functioning and applications of Robot, Electrical drive systems and sensors used in Robotics, AI and other trending innovations in Robotics.

CONCEPTIA KONNECT

Rohini College of Engineering & Technology, Department of Mechanical Engineering in association with Conceptia organized the programme on “Development in Design and Automation for Industry 4.0” on 21st May 2021 between 11.00 AM to 01:00 PM virtual mode.

The programme was inaugurated by our Honourable Chairman Shri.K.NEELAMARTHANDAN, Managing Director Dr.N.NEELAVISHNU, Chief Financial Officer Dr.V.M.BLESSY GEO. The respected principal of the college Dr.R.RAJESH delivered the presidential address. Our respected and beloved Head of the Department Dr.S.INDRAN introduced the Chief guest. Er.S.VINAY, Manager – Education & Training, Conceptia was the guest speaker of the programme. He said that, “Conceptia, which is established in the year 2001, we have been a leading Dassault Systèmes channel partner providing technology solutions in the field of basic design, detailing, linear & nonlinear analysis, Thermal analysis, CFD, manufacturing, automation, QA & Inspection, Product Data Management (PDM), Electrical &

MECHANICAL BEATS OF ROHINI

Electronic design etc. Having the industry-leading technology platforms, our aim is to help organizations choose the best industry solutions, implement, train and assist them in a seamless integration into their engineering and manufacturing processes thereby reducing the time, mitigating the risks involved and improving quality and productivity. Conceptia is an award-winning Authorized Value Added Reseller for SOLIDWORKS, SOLIDWORKS Simulation, SOLIDWORKS Flow Simulation, SOLIDWORKS Composer (Formerly 3DVia), SOLIDWORKS Plastics, SOLIDWORKS Electrical, SOLIDWORKS Product Data Management and DraftSight.

Key Webinar Topics discussed.

1. What is Design?
2. Industry readiness.
3. Introduction to Industry 4.0.
4. Design Automation.

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Department of Mechanical Engineering
in association with
Conceptia KONNECT
is organising a webinar on
Development in Design and Automation for Industry 4.0!

Speaker : Mr. Vinay S
Manager- Education & Training
(Conceptia Konnect)
Date: 21-05-2021
Time: 11:00 AM

Conceptia Software Technologies Pvt Ltd.

Karnataka #22, 2nd Floor, 100 Feet Road, 8th Block 3rd Phase, 80A 3rd Stage, Bangalore - 560 085 Phone: +91 8041 939 618 Email: info@ckonnect.in	Tamil Nadu Plot# 12x71, Dhawro Enterprises - South Phase, 3rd Cross Street, Industrial Estate Gandy, Chennai -600032 Tamil Nadu Email: info@ckonnect.in Landline: 044- 43895070	Kerala Building No. 200V/40 R, First Floor, Cochin University Road, South Kalamassery, Kochi - 682 022 Email: asin.aj@ckonnect.in Phone: 8078499273
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Conceptia KONNECT

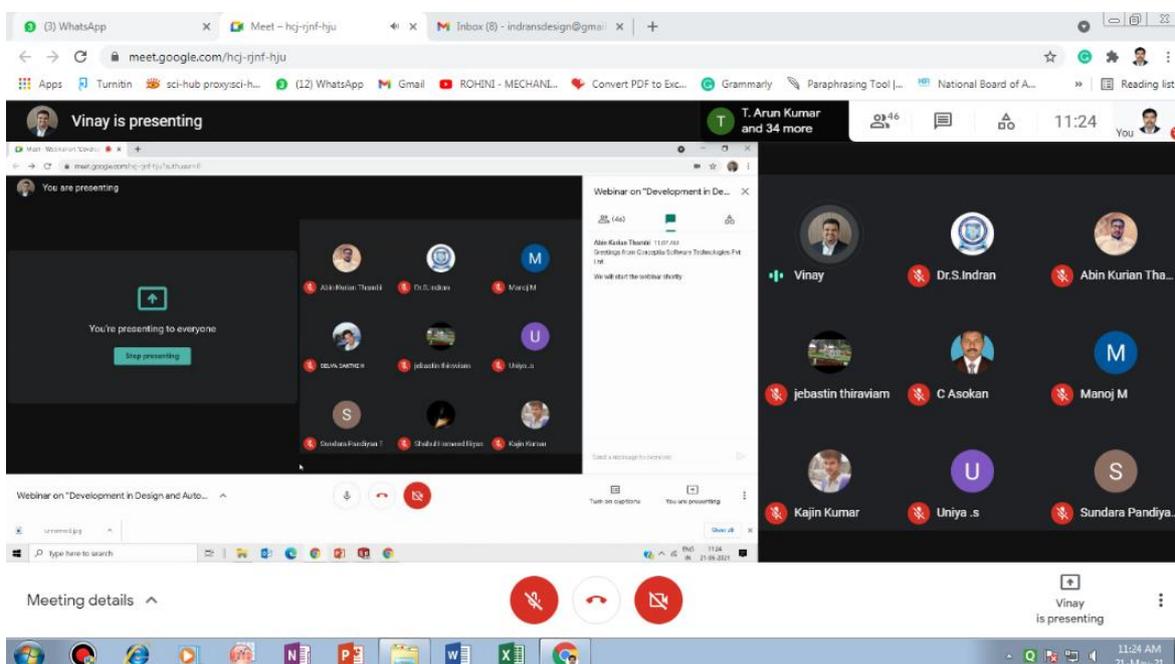
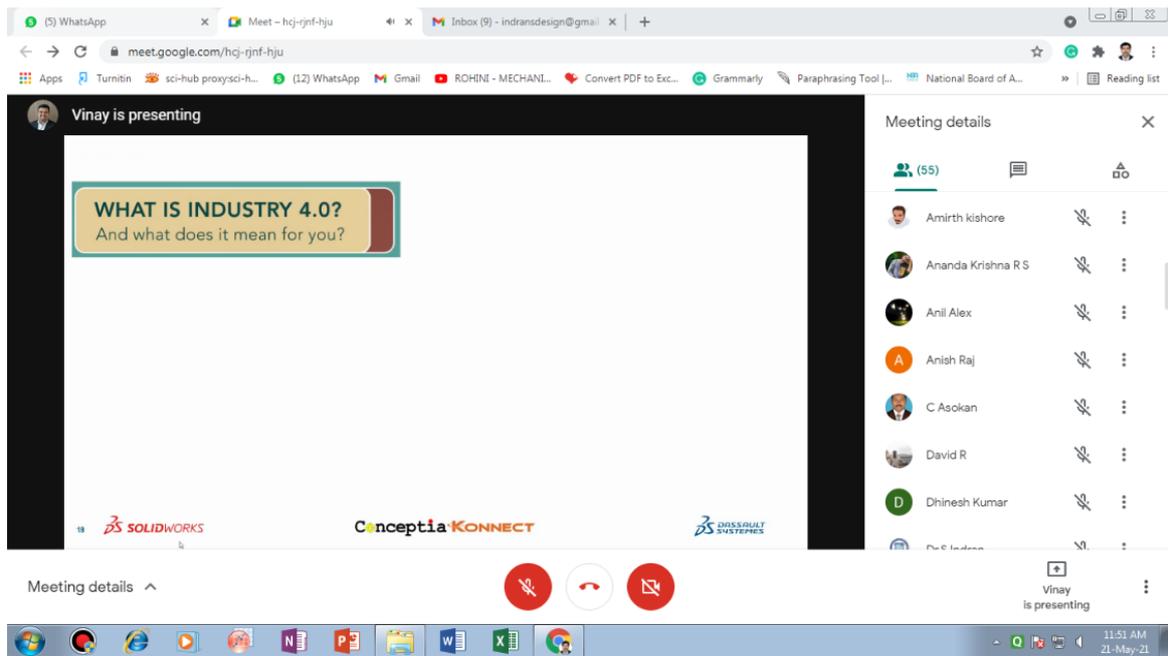
AUTHORIZED DEALER

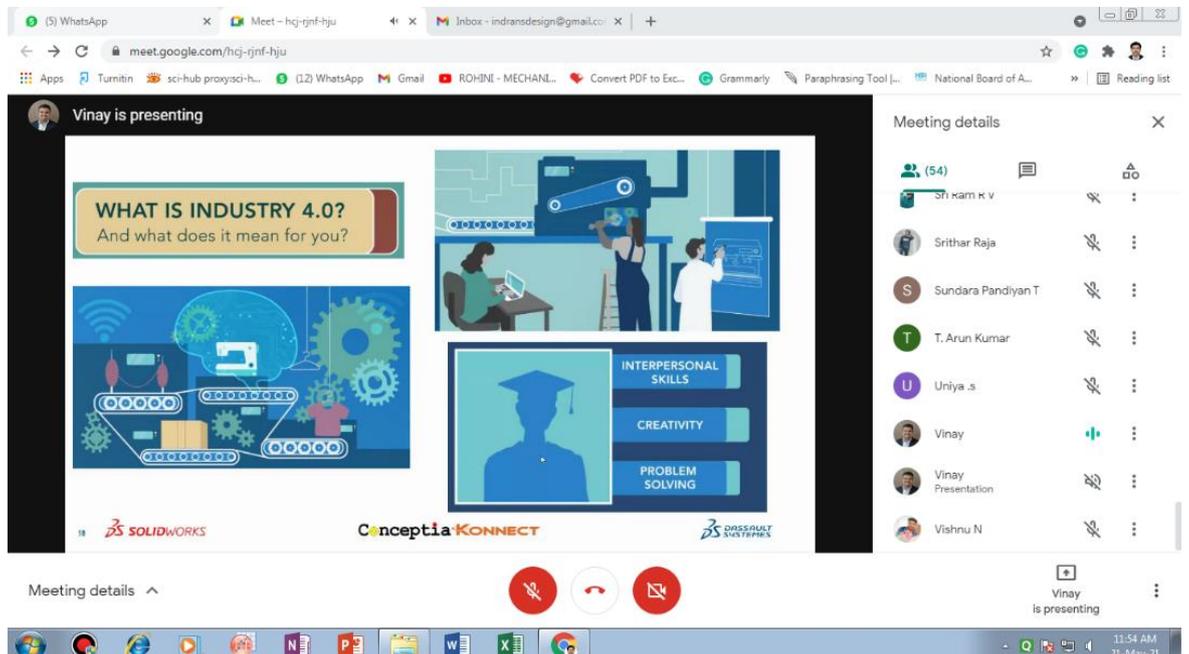
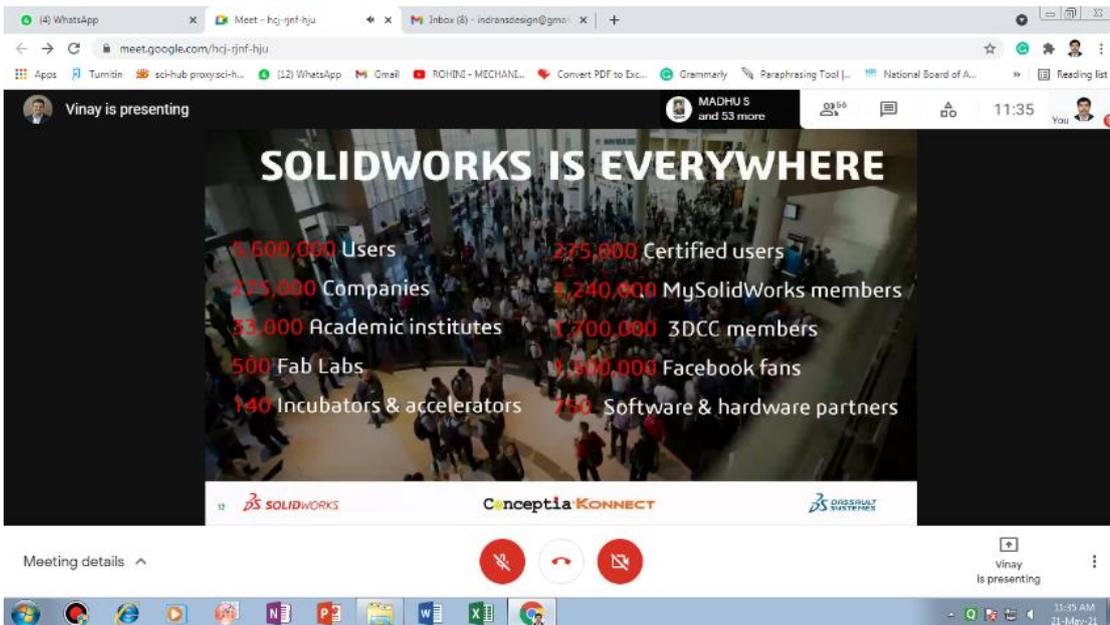
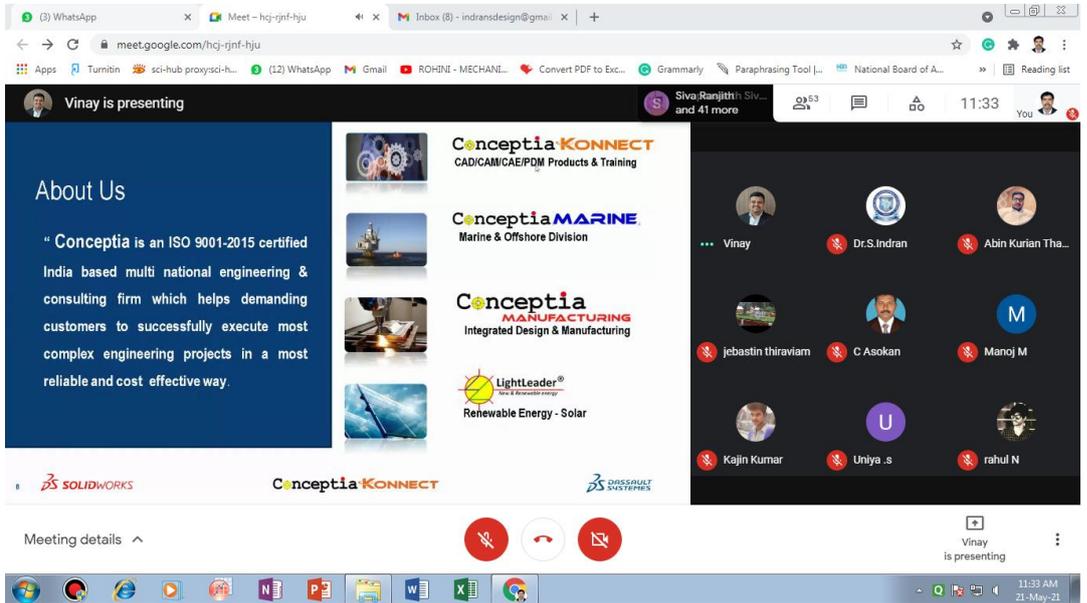
Vol.1 Issue.1 (2021)

Also, discussed about what are the upcoming opportunities in the market due to rapid adoption of digital prototype testing during product design process, involving FEA techniques during the testing stages enable organizations to effectively reduce time to market, improve product quality, and minimize overall production costs.

Conceptia Konnect have understood the situation of student's due to COVID 19 –

Lockdown, so Conceptia Konnect wants to join our hands with you to help the students to build their career and to compete with the technology edge, the student needs more information about – Design, Design Intent, Design process, Design Standard's etc. It's an opportunity to motivate and support the student's community to face the situation of Lockdown.





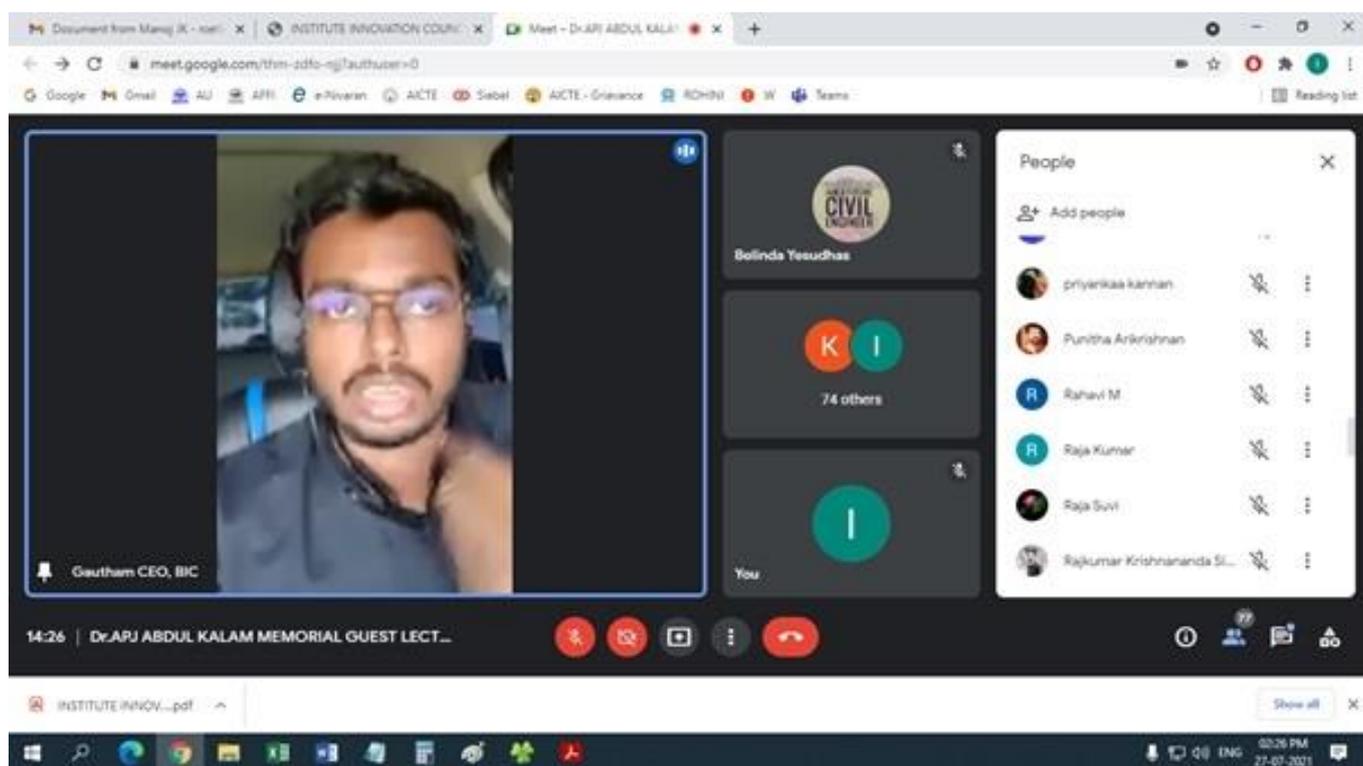
STARTUP GRIND COMMUNITY

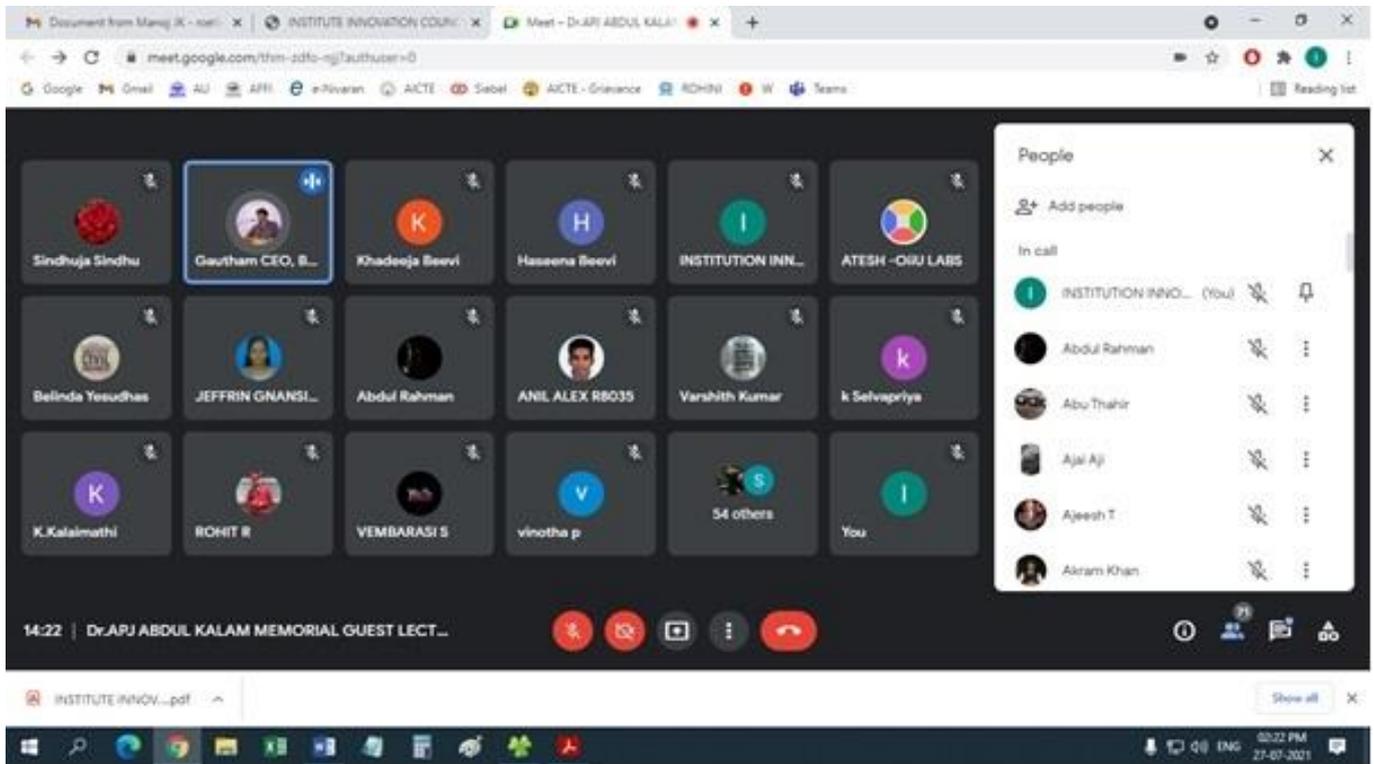
Startup grind community that inspires, educate and connect entrepreneurs organized a programme on July 30 titled Tech entrepreneurship - a paradigm shift how skills become demanded. Arun Rajeev Sankaran, Founder & CEO. FinOS was the guest speaker who motivated the students and shared the innovative approaches and strategies in entrepreneurship. Skills needed for a happy and successful career was the prominent topic.



GUEST LECTURE

Institution Innovation Council(IIC) & Entrepreneurship Development and Innovation Cell (EDIC) organized Dr. A. P. J. Abdul Kalam memorial Guest Lecture by Mr. Gautham Palaniswamy, Chief Executive Officer, Business Incubation Confederation at Periyar University on 27 July 2021. He gives a wonderful motivation to our students by the way of interacting virtually.





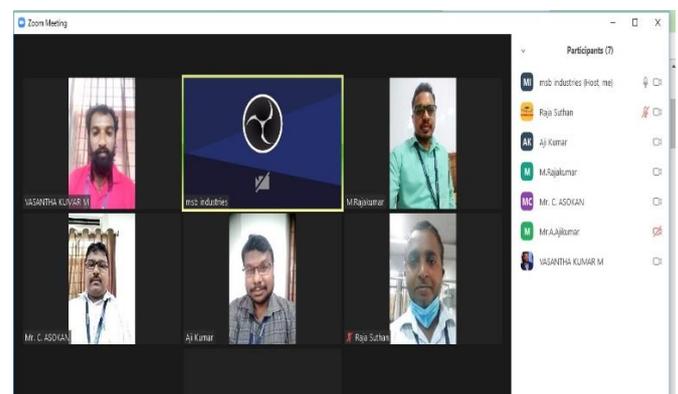
FACULTY UNDERGONE INDUSTRIAL TRAINING

Six of our faculties (Mr.C.Sampath Kumar, Mr.C.Asokan, Mr.K.Rajasuthan, Mr.M.Rajakumar, Mr.M.Vasanthakumar & Mr.A.Ajikummar) from the Department of Mechanical Engineering has attended a two days online industrial training conducted by MSB Industries, Coimbatore from 12-04-2021 and 13-04-2021. We had experts from MSB Industries who connected a high quality session. The staff were benefited in the following area,

- Design of air Compressor for Industrial automation.
- Heat conduction process in industries.
- Use of renewable energy sources.
- How to train a student as an entrepreneur?

The first day of the training was focussed on the problems retailed to industries in manufacturing

and the second day was about designing different types of air compressors and how to train a student as a successful entrepreneur. After attending the online training from the experts our faculty was asked to conduct a seminar for the students regarding the same in online.



Another two of our faculties (Mr.P.Navin Jass & Mr.M.Sergius Joe) from the Department of Mechanical Engineering has attended a two days online industrial training as a part of Advanced

Industrial studies conducted by ASVA 3D WORLD on 12.02.2020 and 13.12.2020.

WEBINAR ON ENTREPRENEURSHIP DEVELOPMENT

Entrepreneurship Development and Innovation Institute (EDII) Tamilnadu-IEDP Hub, University College of Engineering, Nagercoil and Rohini College of Engineering and Technology jointly organized a webinar on 17-08-2021 which helped the students to expertise in the field of entrepreneurship. The programme was inaugurated by our Honourable Chairman Shri.K.NEELAMARTHANDAN,

Managing Director Dr.N.NEELAVISHNU, Chief Financial Officer Dr.V.M.BLESSY GEO. The respected principal of the college Dr.R.RAJESH delivered the presidential address. IEDP Nagercoil hub coordinator Dr.M.S.STARVIN presented the webinar in very effective way. He has discussed about the funding opportunities for budding entrepreneurs. Another guest speaker of the day Mr.MADHAVAN from project contest has delivered a effective presentations on what MNCs expect.

The screenshot shows a Google Meet interface during a webinar. The main content area displays a slide with the following text:

Entrepreneurship Development and Innovation Institute
(An Autonomous Society of Government of Tamil Nadu)
University College of Engineering Nagercoil
(A Constituent College of Anna University Chennai)

Webinar Topic:
STRATEGIC FUNDING OPPORTUNITIES FOR BUDDING STARTUPS

Dr.M.S.STARVIN
Asst Professor & Coordinator/EDII-TN IEDP HUB,UCEN
University College of Engineering Nagercoil,
Ph. 9486865043, E-mail: ucenedihub@gmail.com

The right side of the screen shows a grid of participant video thumbnails. The bottom of the screen shows the meeting controls and a system tray with the time 10:29 AM.

ProjectContest | Spreading Innovations is presenting



Innovation Platforms

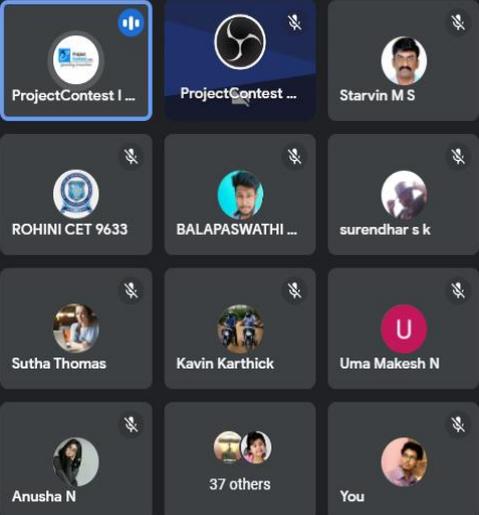
**Every Innovator Needs to Dream,
Every Dream Needs an Innovation,
Every Innovation Needs a Platform.**

General Categories

- Government Sector
- Institution & Industries Sector
- Combination of Both

Based on Contest or Events

- Startup or Entrepreneurship
- Hackathon
- Project Showcase Events
- Awards
- Online Demo Events
- Poster Presentation
- Conference or Summit

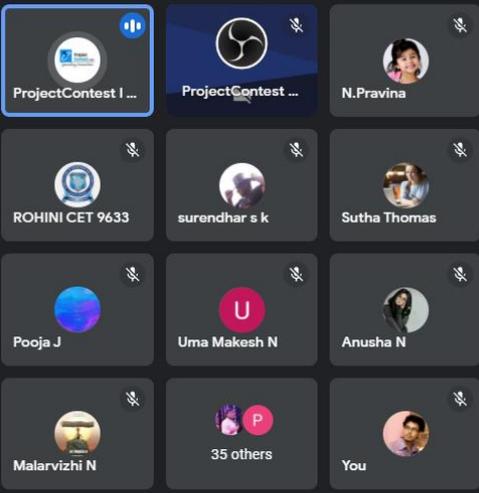


11:26 AM | pgf-zxeq-igo

ProjectContest | Spreading Innovations is presenting

Our Partners





12:12 PM | pgf-zxeq-igo

STUDENT'S PARTICIPATION IN SYMPOSIUMS OF OTHER INSTITUTION

S.No	Name of the Program	Organised by	Level	Event	Won	Date Of the event held	
1.	Tek Cluster 20	Kongunadu College of Engineering and Technology, Tamil Nadu	National Level	Technical Symposium	AAKASH NAVEEN S (963319114002)	Second	11.08.2020
					FEBIL J S SHERBIN (963319114064)	Second	
					JARBIN G (963319114074)	Second	
					PAVITHRA G (963319114129)	Second	
2.	TEKSPARK 20	Karpagam Institute of Technology, Coimbatore, Tamil Nadu	National Level	Technical Symposium	ARJUN R S (963318114039)	-----	13.11.2020
					NABEEL S (963318114102)		
					SUJITH N (963318114168)		

STUDENT'S PARTICIPATION IN INTERNATIONAL CONFERENCE

S.No	Name of the Program	Organised by	Level	Event	Won	Date Of the event held
1.	ICATS 2020	Paavai Engineering College, Namakkal, Tamil Nadu	International Level	International Conference	COWSIC RAJA M (963317114057)	04.12.2020
					JERJIN S (963317114075)	
					NISHANTH K (963317114110)	
					ALWIN NISAN J (963317114305)	
					ABARNA S B (963317114002)	
					SUBIKSHA (963317114158)	

Dear loved one,

Stay safe from COVID-19

-MECH/RCET



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Near Anjugramam Junction, Kanyakumari Main Road, Kanyakumari Dist - 629401, Tamil Nadu.

E-mail : admissions@rcet.org.in | Web : www.rcet.org.in



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4670

COURSES OFFERED

UNDER GRADUATE PROGRAMME

- ⦿ BE - AGRICULTURE ENGINEERING
- ⦿ BE - CIVIL ENGINEERING
- ⦿ BE - COMPUTER SCIENCE AND ENGINEERING
- ⦿ BE - ELECTRONICS AND COMMUNICATION ENGINEERING
- ⦿ BE - ELECTRICAL AND ELECTRONICS ENGINEERING
- ⦿ BE - MECHANICAL ENGINEERING

POST GRADUATE PROGRAMME

- ⦿ ME - COMMUNICATION SYSTEMS
- ⦿ ME - COMPUTER SCIENCE AND ENGINEERING
- ⦿ ME - THERMAL ENGINEERING
- ⦿ ME - CONSTRUCTION ENGINEERING AND MANAGEMENT

MANAGEMENT PROGRAMME

MBA

- ⦿ OPERATIONS MANAGEMENT
- ⦿ MARKETING MANAGEMENT
- ⦿ FINANCIAL MANAGEMENT
- ⦿ SYSTEMS MANAGEMENT
- ⦿ HUMAN RESOURCE MANAGEMENT
- ⦿ LOGISTICS & SUPPLY CHAIN MANAGEMENT
- ⦿ INFRASTRUCTURE & REAL ESTATE MANAGEMENT

RESEARCH PROGRAMME

- ⦿ Ph.D in MECHANICAL ENGINEERING

*A mechanical engineer
is able to do **everything.***

-Wouter Van Den Bosch, mechanical engineer