



# MECHNOBLAZE

EDITION

VOLUME VI ISSUE I JANUARY – JUNE, 2022

## INSIDE

-  Workshops
-  Trainings
-  Expert lectures
-  Industrial visits
-  Achievements
-  Placements

## DEPARTMENT OF MECHANICAL ENGINEERING


Department offers Mechanical engineering programs at the bachelor's and master's level. Its strong and interactive curriculum and hands-on learning makes the students capable of taking their career to the next level, whether it be in the professional engineering practice or in advanced studies. The department is focusing on high-quality teaching along with integrated laboratory experience.

The discipline of mechanical engineering effectively connects teaching of engineering education to active research in different areas. The department has the most modern infrastructure to undertake high-end teaching, research and developmental activities in laboratories.




Aim of Department's to provide our students with a perfect blend of intellectual and practical experiences that helps them to serve our society and address a variety of needs. With a solid grounding in the principles and practice of mechanical engineering, our undergraduates are ready to engage in ethical approaches to engineering, with concern for society and the environment. Our program at the postgraduate level aligns academic course work with research, to prepare students in specialized areas within the field of mechanical engineering.

The department has a team of highly qualified and experienced faculty.

### VISION: -

-  To impart comprehensive knowledge that enables the students to become innovative and successful entrepreneur to learn the advanced fields of mechanical engineering that meets the recent industrial demands and social needs..

### MISSION:-

-  To provide quality education to the students which will enhance their skills and ability to create, innovate and design systems based on new technologies for the society.
-  To foster logical thinking among the students to design system required real-life situation.
-  To equip the students through the state-of-art learning environment that can provide academic environment of excellence, entrepreneurship and moral guidelines with lifelong learning.

# DIRECTOR'S DESK

Dr. N.S.RATHORE



“Challenges are what makes life interesting and overcoming them is what makes life meaningful.”

I am very happy that Mechanical Engineering Department is releasing 6<sup>TH</sup> Edition of “Mechanoblaze” as a forerunner of department activities. It is a technical platform to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence.

We have arranged several industrial visits and workshops for our 2nd, 3rd and 4th year students in this semester. The seminars held have been enlightening for both the students and the faculty. The workshops have made our students professionally competent with huge moral values, ethics and leadership qualities that would enable them to serve the society in the best possible manner.

The students have not only academically excelled but have also gained excellence in sports and other extracurricular activities.

The GITS family is an ever increasing family and I feel proud to be a part of it. Congratulations to all the students who have excelled in various fields and good luck to those who are on their way to achieve success.

# HOD'S DESK

Dr. Deepak Paliwal

MECHNOBLAZE



“Casting the world, Forging the campus, Shaping the universe, Welding the rest of all branches, Bcoz, We are the Men, We are the machine, and we are Mechanical Engineers.”

It gives me immense pleasure to lead the department of Mechanical Engineering. Our College is one of the premier institutions in the region, unique like a prism reflecting the manifold shades of learning and co-curricular activities. Geetanjali Institute of Technical Studies is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence.

The motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with a Training and Placement Cell ensures a bright future to its students. Thus we are confident that our Engineers will emerge as assets not only to this institution and to the organization they belong, but also to the country at large.

# EDITOR'S DESK



**SUCCESS IS NO ACCIDENT.**

"It is hard work perseverance, learning, studying, sacrifice and most of all, love of what you are doing. "

It gives me an immense pleasure to introduce this Newsletter of Mechanical Engineering, Named MECHNOBLAZE, means Enlightening Mechanical. By presenting this Newsletter, wish to provide you the same. I am grateful to our honourable Director Sir and HOD Sir who gave this opportunity. It has been a learning experience to all of us.

I am thankful to all staffs for their co-operative nature. At last but not least I am thankful to all those helped us directly and indirectly.

**Mr. NARENDRA PATEL**  
**(Assistant professor)**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



# Industrial Visit at Shah Polymers Udaipur & Vaibhav Industries Udaipur

Students from department of Mechanical Engineering II year had been to Industrial visit at Shah Polymers , Udaipur & Vaibhav Industries, Udaipur. Students were accompanied by Mr . Zuber Khan , faculty ME . Students gained a practical exposure on polymer fabrication and different manufacturing operations used in both the industries.



# CNC Router Design & Development Value Added Project by Final year Students

## About CNC Router

A CNC router is a computer controlled cutting machine which typically mounts a router as a spindle which is used for cutting various materials such as wood, composites. There are two types of CNC Machine.

- 1) The gantry Style
- 2) Moving bed style

**Objective:** 1) To develop a CNC Machine which can be used for cutting various materials, woods, and composites?

- 2) To construct a low cost CNC Machine using a base model.

## Project Progress till Now:

CNC Router is physically fabricated and completely assembled and is in working condition.

Students are working on Programming part of CNC Router. Only Finishing is left on the project. & Publication work is in progress. Project guided by: Md. Zuber Khan



## Team Members of the Project:

1) Aayush Pandey	2) Akshay Jain
3) Akshay Kumar Sharma	4) Ameta Sanjay Deepak
5) Deepak Paliwal	6) Gautam Rathore
7) Kanhaiya Lal Mali	8) Karan singh Devra
9) Puran Jat	10) Pushpendra Singh Rajawat
10) Akshay Singh Mertiya	

# A motivational talk by Prof. Pankaj Gera

A motivational talk by Prof. Pankaj Gera has been organized by department of Mechanical Engineering coordinated by Ms. Surbhi Mishra & Mr. rahul Kumar Sen , Faculty Department of mechanical engineering on Saturday 19 Feb , 2022 via virtual mode through google meet.

Prof. Gera is working as a director at Delta Career Institute , MP.& is currently working as Associate Professor in Department of Mechanical Engineering , MIT group of institute , MP.

He guided the students regarding various career options after being a mechanical engineering and also he motivated the students to face the challenges of personal & professional life.

Students also nicely interacted with the expert . The session was joined by departmental faculties & students of the department.

**GEETANJALI INSTITUTE OF TECHNICAL STUDIES**  
Affiliated to Rajasthan Technical University, Kota and Approved by  
AICTE, New Delhi

Department of Mechanical Engineering

**TIME FOR A MOTIVATIONAL TALK**

**19th February 2022 @ 11:00 a.m.**

Coordinators: Ms. Surbhi Mishra  
Mr. Rahul Sen

**Prof. Pankaj Gera**

GOOGLE MEET LINK: [HTTPS://MEET.GOOGLE.COM/APZ-TYZJ-EAU?HS=122&AUTHUSER=2](https://meet.google.com/APZ-TYZJ-EAU?HS=122&AUTHUSER=2)



# Technical Writing Activity

On 21st February 2022 , Monday Student club of Mechanical department organized "Technical \*writing" and "Technical Speaking" activity for the students of second year. This activity was conducted in order to bring out the experiences of the student who went for industrial visit to "Shah polymers" & "Vaibhav Industries" on Wednesday,16 February 2022 .The students enthusiastically took part and were keen to present themselves .Some of them also presented their thoughts in the form of short quotes and lines .This activity was very smoothly conducted and organized by Faculty co-ordinator of Mechanical student club , Ms. Surbhi Mishra.





# POSTER COMPETITION on National Science Day

Student Club of Mechanical Engineering dept. Organized poster competition today i.e. .on National Science day 28/2/2022.. The competition was organized in order to understand importance of science & its application and to recognize and remember the contributions of scientists towards development of nation. There were 8 different participating teams from the students of II, III & final year .Students came up with \*innovative scientific temper through this competition. Students were motivated for this activity by faculty coordinator of student Club.



# Students Achievement

Students of II - III Year Mechanical Engineering, participated in NCC Tug of War on 25/6/2022 and stood 1<sup>st</sup> among 8 different colleges from all over Udaipur. The students achieved Trophy as an appreciation by Air Force Officers & Para SF Commando.





# Industrial Visit to SHREEJI

Final year students of mechanical engineering department have visited SHREEJI engineering works, Udaipur with faculty Mr. Rahul Sen.

Shreeji Engineering Works based in Udaipur is known for its precision in CNC cutting services for Metal, Acrylic and Metal fabrications. They deliver innovative ideas and the highest quality artwork. The essence of Shreeji Engineering Works lies in providing customized designs. During visit students learned to execute designs and solutions.

In Addition to CNC cutting operations, students also understood manufacturing of Stone Processing Machines.



# Workshop on Decoding IC Engine

A workshop on “Decoding of IC Engine “ was organized for the students of 2 year Mechanical engineering on 25/3/2022. The workshop was guided by Md. Zuber Khan, faculty mentor to the students of 2 year who organized the workshop. The workshop introduced the students with four strokes Engine & its myths. The motto of this workshop was “ Let us learn together” and so the students learned together with hands on.



**GEETANJALI INSTITUTE OF TECHNICAL STUDIES**  
DEPARTMENT OF MECHANICAL ENGINEERING  
**Under Banner of SAE**  
Organising Workshop on  
**Decoding IC Engine**  
**A SERIES**  
Resources Person  
**Mujahid Khan**  
Date:- 22 March 2022 (Tuesday) ,Timing 2:00 PM  
Venue- Automobile lab  
faculty Mentor  
**Md Zuber Khan**  
Managed by  
*designkhaan* | Rishabh Dangi  
Coordinator  
**Mohit Singh**





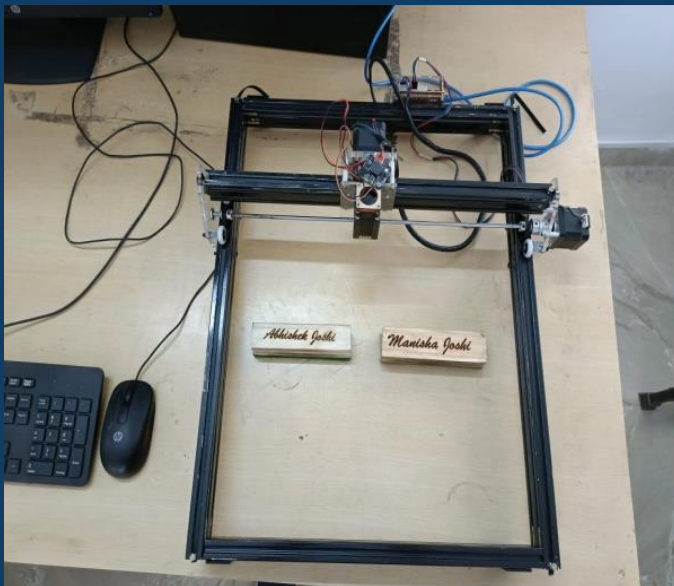
# CNC LASER ENGRAVER

**CNC LASER ENGRAVER MACHINE** is a final year project made by final year students under the mentorship of Dr. Deepak Paliwal, Head ME. This project is also a major facility addition to Department of ME, GITS. In laser engraving the laser beam burns the top layer of the surface to be engraved. The burnt area is left uncoloured which makes it appear different from the surrounding surface.

By using CNC controllers, there is a remarkable increase in the quality products well as it offers high flexibility.

Project students were :

1. Anirudh Nair
2. Bhavesh Yadav
3. Jai vardhan Chaparwal
4. Ishwar Singh Jodha
5. Mahendra Singh



# Departmental TRAINING

 **Geetanjali Institute of Technical Studies, Udaipur**  
**Department of Mechanical Engineering**  
Organizing  
**Inhouse Software Training**  
Of  
**SOLIDWORKS**

Resource Persons  
**Mr. Abhishek Joshi**  
**Mrs. Manisha Joshi**



Program Highlights

- Sketcher basic
- 3D sketching
- Part modelling
- Editing feature
- Assembly design etc.

Target Participants: 2nd Year Mechanical Engineering Students

From 12th February 2022, Every Thursday, Time: 01:30PM-04:30 PM,  
Venue: CAD LAB, B2-19

 **Geetanjali Institute of Technical Studies, Udaipur**  
**Department of Mechanical Engineering**  
Organizing  
**Inhouse Software Training**  
Of  
**AUTOCAD**

Resource Persons  
**Mr. Abhishek Joshi**  
**Mrs. Manisha Joshi**



Program Highlights

- 2D Basic Commands
- 2D Drawing
- 2D Advance Commands
- 3D Basic
- Modeling

Target Participants: 2nd Year Mechanical Engineering Students

From 09th October 2021, Every Saturday, Time: 01:30PM-04:30 PM,  
Venue: CAD LAB, B2-19

 **Geetanjali Institute of Technical Studies, Udaipur**  
**Department of Mechanical Engineering**  
Organizing  
**Inhouse Training**  
On  
**Robotics**

Resource Persons  
**Mr. Abhishek Joshi**  
**Mrs. Manisha Joshi**



Program Highlights

- Arduino UNO
- Proteus Simulation
- Line Follower Robot
- Obstacle AVOIDER Robot
- Bluetooth Controlled Robot

Target Participants: 3rd Year Mechanical Engineering Students

From 06th October 2021, Every Wednesday, Time: 1:30 PM - 04:30 PM  
Venue: CAD Lab B2-19

 **Geetanjali Institute of Technical Studies, Udaipur**  
**Department of Mechanical Engineering**  
Organizing  
**Inhouse Training**  
On  
**Industrial Automation**

Resource Persons  
**Mr. Abhishek Joshi**  
**Mrs. Manisha Joshi**



Program Highlights

- PLC basic fundamentals
- Ladder Logic
- Basic input & output wiring
- Operations of PLC
- PLC timers & Counters etc.

Target Participants: 3rd Year Mechanical Engineering Students

From 08th February 2022, Every Wednesday, Time: 01:30PM-04:30 PM, Venue:  
CAD LAB, B2-19



# Training on Refrigeration & Air Conditioning

A training on **Refrieration & Air Conditioning** was organized for the students of 3 year Mechanical engineering on 9/5/2022. The training was guided by faculty of GITS ,Dr. Vishnu Agrawal, Mr. Rahul Kumar Sen, & two expert from refrigeration training center, Mr. Ajay Tak & Lokesh Kumar Rameja, Expert to the students of 3 year who organized the Training .The training introduced the students with Refrigeration & Air Conditioning .The aim of this training was that student aware the concepts of Refrigeration process with conditioning device & learning through hands on activities in refrigeration and air conditioning



JV94+W95, Moti Khera, Rajasthan 313022, India

Latitude  
24.6190717°

Longitude  
73.8545586°

Local 10:26:46 AM  
GMT 04:56:46 AM

Altitude 0 meters  
Tuesday, 10-05-2022



JV94+W95, Moti Khera, Rajasthan 313022, India

Latitude  
24.618726°

Longitude  
73.8546431°

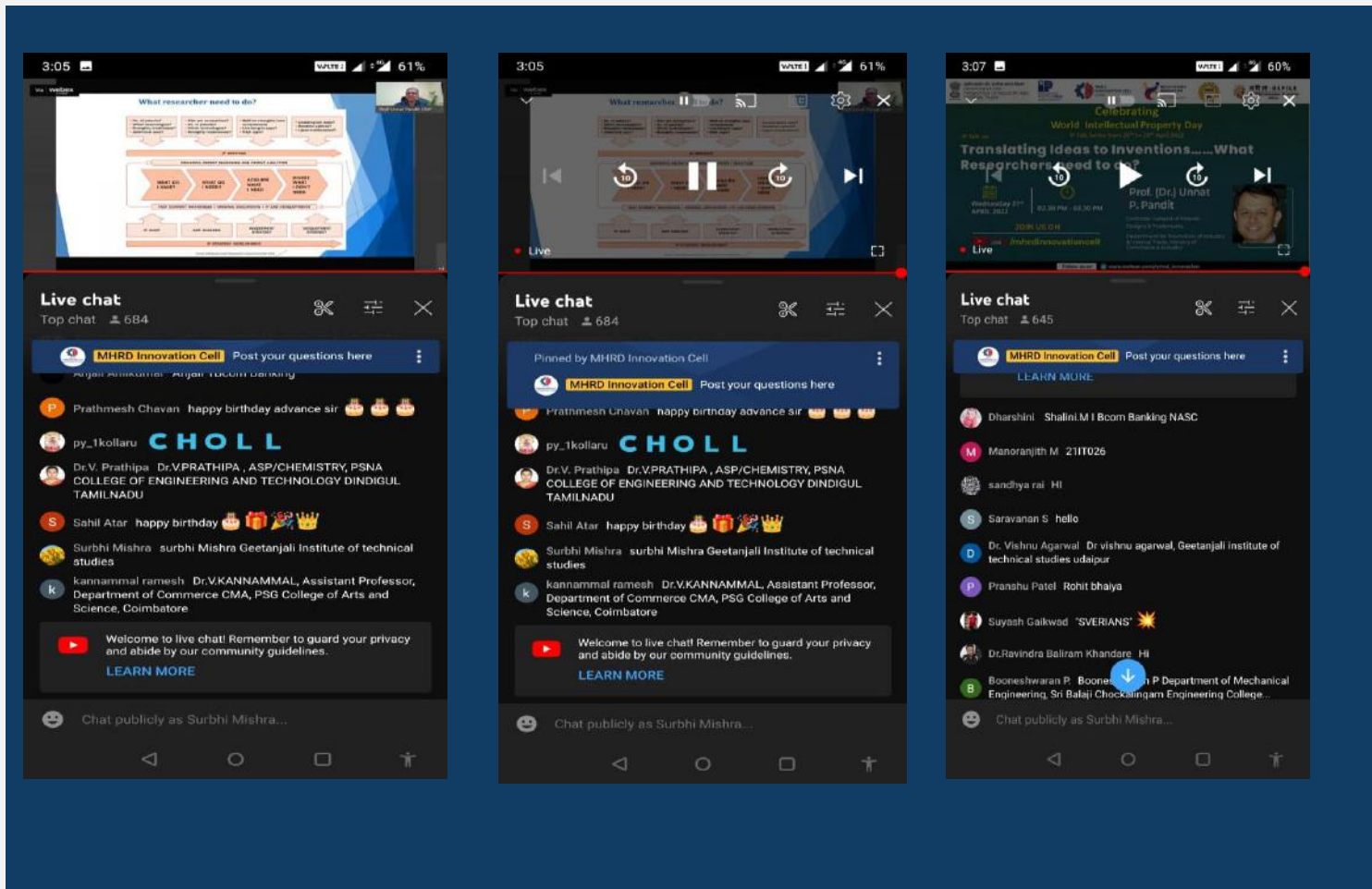
Local 10:27:36 AM  
GMT 04:57:36 AM

Altitude 0 meters  
Tuesday, 10-05-2022

# IP Lecture Series

Students of 3 Year ME & 4 Year ME attended IP Lecture series from 27 April to 29 April 2022 in different sessions. Students were provided You Tube link to connect to the different daywise sessions: Details are as follows :

Translating Ideas to Inventions.....What Researchers need to do?



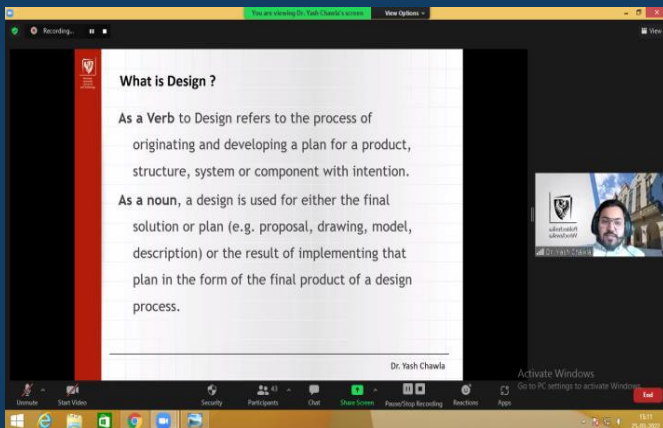


# International Seminar: Design Thinking in Solving Problems with Mechanical Engineering

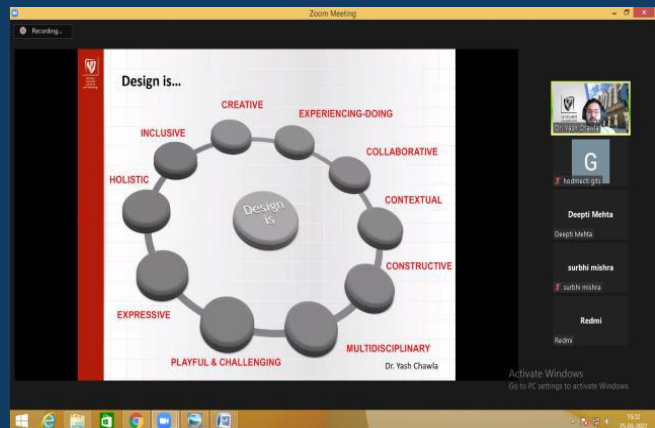
An international seminar on Design Thinking in Solving Problems with Mechanical Engineering by Yash Chawla was conducted for the students of Mechanical Engineering on 25/3/2022. The seminar was conducted in online mode. The objective of the workshop was to make students aware for solving technical problems by developing critical & design thinking from mechanical engineer's perspective.



The banner features logos for GITs (Geetanjali Institute of Technical Studies), NBA (National Board of Accreditation), ICS (Institute of Chemical Sciences), and the Department of Mechanical Engineering. It includes a portrait of Dr. Yash Chawla, an Assistant Professor at Wroclaw University of Science & Technology, Poland. The text reads: **INTERNATIONAL SEMINAR ON Design Thinking for Solving Problems with Mechanical Engineering**. The date and time are **25 MARCH 2022 2:30 PM**, and the website **www.git.ac.in** is listed.



A screenshot of a Zoom meeting showing a slide titled "What is Design?". The slide defines design as a process (verb) and a result (noun). A small video inset shows Dr. Yash Chawla. The Windows taskbar at the bottom shows the date as 25-03-2022.



A screenshot of a Zoom meeting showing a slide titled "Design is...". The slide features a circular diagram with "Design is" in the center, surrounded by ten attributes: CREATIVE, EXPERIENCING-DOING, COLLABORATIVE, CONTEXTUAL, CONSTRUCTIVE, MULTIDISCIPLINARY, PLAYFUL & CHALLENGING, EXPRESSIVE, HOLISTIC, and INCLUSIVE. A Zoom participant list on the right includes Deepthi Mehta, Deepthi Mehta, surbhi mishra, and Radini. The Windows taskbar at the bottom shows the date as 25-03-2022.

# Expert Talk: HR Scenario in Manufacturing

An expert talk on HR Scenario in Manufacturing has been organized on 23/3/2022 for the students of mechanical engineering. The speaker of the session was Mr. Praveen Parikh, Section Head, and HR Aditya Birla Cement – Ultra Tech Cement Ltd. In this session students learned about various recruitment criteria's and HR recruitment policy. Students also learned to prepare in the session, Total of 56 students and 15 faculties participated in this expert talk



The poster features logos for Geetanjali Institute of Technical Studies, NBA (National Board of Accreditation), and the Department of Mechanical Engineering. It includes a portrait of Mr. Praveen Pareek and text announcing an expert talk on the HR scenario in manufacturing, dated 23 March 2022 at 2:30 PM onwards. The website www.gits.ac.in is listed at the bottom.

Geetanjali Institute of Technical Studies  
NBA NATIONAL BOARD OF ACCREDITATION  
Department of Mechanical Engineering

Mechanical Engineering Department Organises:

AN EXPERT TALK  
On  
HR Scenario in Manufacturing

Date: 23 March 2022  
Time: 2:30 PM onwards....

Mr. Praveen Pareek  
Aditya Birla Group- UltraTech Cement Ltd.

www.gits.ac.in



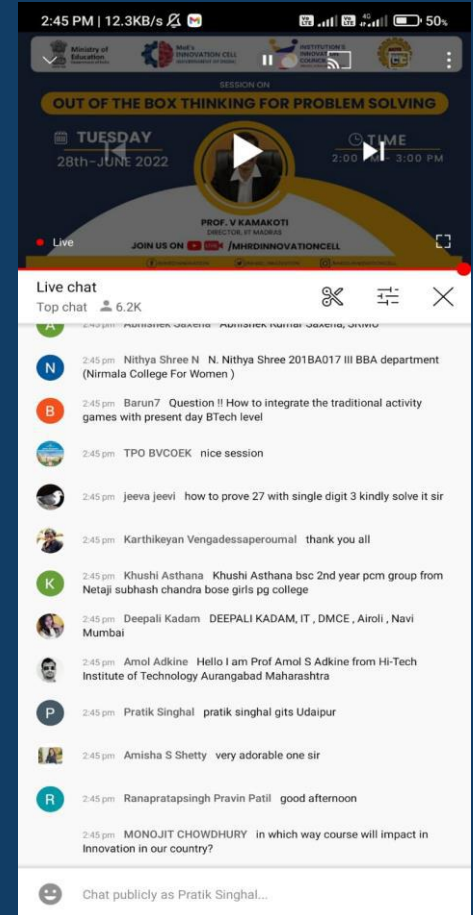
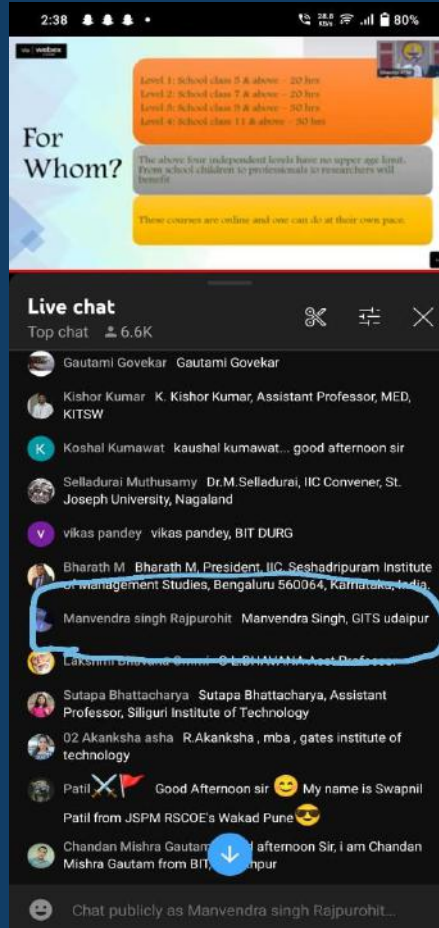
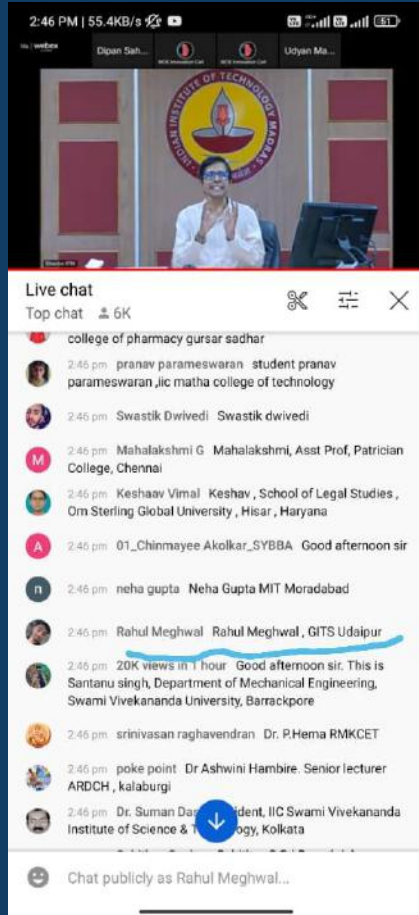
The screenshot shows a presentation slide with a purple background and white text. The title is 'KEY QUESTIONS'. Below it, there is a list of five bullet points. The slide is displayed in a window titled 'video1001467' with a standard Windows taskbar at the bottom.

KEY QUESTIONS

- Introduction – Tell us something about yourself.
- Why should we hire you – XXXXXX
- 5 Strengths & Weaknesses
- Motivation & Frustration
- Tone & tempo

# IIC – MIC Activity

Students of II Year Mechanical Engineering participated in MIC driven Activity (Quarter 3 + Quarter 4) of IIC Cell. The activity name was “Out of the box thinking for problem solving” & was of 1 Hour Duration from 2:00 pm – 3: 00 pm. This activity took place on 28<sup>th</sup> of June 2022. Speaker of this MIC Activity was Prof. V. Kamakoti, Director, IIT Madras. Mode of activity was online via YouTube Channel of MIC. Students enjoyed the session and put their queries in chat box.





# Faculty Achievement

FACULTY NAME	DETAILS
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> </ul>	<ul style="list-style-type: none"> <li>Invited as Oral and Viva-voice examination of a M.tech Student at Pacific University, Udaipur</li> <li>Expert lecture Delivered by Dr. Deepak Paliwal on finite element in Five days Faculty development program on research methodology from 25 April -29 April 2022 organized by GITS , H&amp; S department.</li> <li>Expert lecture Delivered by Dr. Deepak Paliwal on finite element in Five days Faculty development program on research methodology from 25 April -29 April 2022 organized by GITS , H&amp; S department</li> <li>successfully completed NPTEL Online Certification course in Design , Technology &amp; Innovation , 8 Week Course</li> <li>Talk Delivered by Dr. Deepak Paliwal on Finite element Methods in the Workshop of Research Methodology –Tools and Techniques (Certificate received on 5th May 2022)</li> <li>published a paper entitled “Hand Gesture Controlled Arduino Robot ” in ”International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 6, June 2022.</li> <li>published a paper entitled “Electric &amp; Wind Powered Vehicle ” in ” Journal of Emerging Technologies &amp; Innovative Research , Vol.9 , Issue 6, June 2022.</li> <li>published a paper entitled “Design &amp; Development of Laser Engraver ,” in ”International Journal of Novel Research &amp; development, Vol.7, issue 6, June 2022.</li> <li>appointed as an Expert Member to conduct faculty interview of Mechanical Department , Jaipur National University, Jaipur on June 5th 2022</li> </ul>
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Mr. Narendra Patel</li> <li>Md. Zuber Khan</li> <li>Ms. Deepti Mehta</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Advancement in Manufacturing Technology" from 17/01/2022 to 21/01/2022 at School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur,</li> </ul>
<ul style="list-style-type: none"> <li>Rahul Kumar Sen</li> </ul>	<ul style="list-style-type: none"> <li>AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Additive Manufacturing-3D printing" from 29/12/2021 to 4/01/2022 at Thakur Polytechnic College, Kandivali, Mumbai</li> </ul>
<ul style="list-style-type: none"> <li>Mr. Anbhishek Joshi</li> <li>Ms. Manisha Joshi</li> </ul>	<ul style="list-style-type: none"> <li>AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Sustainability Engineering" from 18/01/2022 to 22/01/2022 at Savitribai Phule Pune University, attended</li> <li>participated in the 3 Days FDP on “IPR on Academic &amp; Research Institutions”, Organized by Aravali Institute of technical Studies, Udaipur, from 02 February to 4 February, 2022.</li> <li>published a paper entitled “Pick and Place Robotic Arm using Arduino” in ”International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5, May 2022.</li> <li>published a paper entitled “Hand Gesture Controlled Arduino Robot ” in ”International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 6, June 2022</li> <li>published a paper entitled “360 Degree Fire Protecting Systems” in ”International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 6, June 2022</li> </ul>



# Faculty Achievement

<ul style="list-style-type: none"> <li>• Dr. Vishnu Agarwal</li> </ul>	<ul style="list-style-type: none"> <li>• papers Contributed in 3rd International online conference on Emerging Trends in Mult- Disciplinary Research “ ETMDR-2022 held on Jan 20-22, 2022 at Poornima University, Jaipur</li> <li>• Certificate awarded to Dr. Vishnu Agarwal for successfully completed NPTEL course Mechatronics 72%.</li> <li>• successfully completed NPTEL Online Certification course in Product Design &amp; Manufacturing , 8 Week Course</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. Saurabh Tege</li> </ul>	<ul style="list-style-type: none"> <li>• papers Contributed in 3rd International online conference on Emerging Trends in Mult- Disciplinary Research “ ETMDR-2022 held on Jan 20-22, 2022 at Poornima University, Jaipur.</li> <li>• Patent on Title of the invention “Artificial Intelligence based (BP) Blood- pressure dropping system for avoidance of cardiovascular-disease using Data Mining &amp; machine learning Techniques for Health care Management</li> <li>• successfully completed NPTEL Online Certification course in Data Analytics with Python, 12 Week Course.</li> <li>• published a paper entitled “ Design of Solar Based Innovative Agricare Machine” in Journal of Scientific &amp; Engineering Research , Vol. 9 , Issue 5, May 2022.</li> <li>• published a paper entitled “Test quantitative effect on Air, water and noise pollution before and after implementation of lean green practices in Marble Mining”in European Journal of advances in Engineering &amp; Technology</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. Deepak Paliwal</li> <li>• Mr. Mukesh Lohar</li> <li>• Ms. Surbhi Mishra</li> <li>• Mr. Narendra Patel</li> <li>• Mr. Rahul Kumar Sen</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in the 5 Days FDP on “Trends and Advances in Mechanical Engineering”, Organized by Department of Mechanical Engineering, SS College of Engineering from 07 February to 11 February, 2022</li> </ul>
<ul style="list-style-type: none"> <li>• Ms. Deepti Mehta</li> <li>• Ms. Manisha Joshi</li> <li>• Mr. Abhishek Joshi</li> </ul>	<ul style="list-style-type: none"> <li>• participated &amp; completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Industrial Automation using PLC Programming"from 7/02/2022 to 11/02/2022 at MSME Technology Centre, Ludhiana (Central Tool Room, Ludhiana)</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. Vishnu Agarwal</li> <li>• Mr. Narendra Patel</li> <li>• Md. Zuber Khan</li> <li>• Ms. Deepti Mehta</li> <li>• Mr. Mukesh Lohar</li> <li>• Mr. Rahul Kumar Sen</li> <li>• Mr. Abhishek Joshi</li> <li>• Ms. Manisha Joshi</li> </ul>	<ul style="list-style-type: none"> <li>• participated in the 5 Days FDP on “Smart Use of Renewable Energy Resources for Sustainable Future”, Organized by SKIT, Jaipur from 21 February to 25 February, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. S. Jindal</li> </ul>	<ul style="list-style-type: none"> <li>• invited as keynote speaker in A talk on “AZADI KA AMRUT MAHOTSAV: Evolution of IE and its Role in Development of Industries” as a theme for Foundation Day Celebration 2022 is being organized on occasion of INDUSTRIAL ENGINEERING DAY on 5 Feb, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. Vishnu Agarwal</li> <li>• Ms. Deepti Mehta</li> <li>• Ms. Surbhi Mishra</li> </ul>	<ul style="list-style-type: none"> <li>• participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 7 th March, 2022 to 11 th March, 2022</li> </ul>
<ul style="list-style-type: none"> <li>• Mukesh Kumar Lohar</li> </ul>	<ul style="list-style-type: none"> <li>• Fabrication of Four Wheel Segway with Handle, Journal of Scientific and Engineering Research, 2022, 9(3):91-95.</li> </ul>
<ul style="list-style-type: none"> <li>• Ms. Manisha Joshi</li> <li>• Ms. Surbhi Mishra</li> <li>• Mr. Narendra Patel</li> <li>• Dr. Deepak Paliwal</li> <li>• Ms. Deepti Mehta</li> <li>• Mr. Narendra Patel</li> <li>• Mr. Mukesh Lohar</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in self finance online faculty Development Programme on "Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)" organized by Department of Mechanical Engineering, National Institute of Technology Delhi, India, held during April 05-10th, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>• Dr. Deepak Paliwal</li> <li>• Dr. Vishnu Agarwal</li> <li>• Ms. Surbhi Mishra</li> <li>• Mr. Mukesh Lohar</li> <li>• Ms. Deepti Mehta</li> <li>• Mr. Rahul Sen</li> <li>• Dr. Saurabh Tege</li> </ul>	<ul style="list-style-type: none"> <li>• participated One week FDP on Research Methodology: Tools &amp; Techniques organized by Department of Science and Humanities, GITS from 25 to 29 april, 2022.</li> </ul>

# Faculty Achievement

<ul style="list-style-type: none"> <li>Ms. Manisha Joshi</li> </ul>	<ul style="list-style-type: none"> <li>participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 21 th March, 2022 to 25 th March, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>Mr. Narendra Patel</li> <li>Ms. Surbhi Mishra</li> </ul>	<ul style="list-style-type: none"> <li>participated two weeks training program for faculty members on AICTE Student Learning Assessment – STTP- PARAKH in collaboration with Construction Industry Development Council (CIDC) from 07 March, 2022 to 22 March, 2022*.</li> </ul>
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Ms. Deepti Mehta</li> <li>Mr. Narendra Patel</li> <li>Mr. Mukesh Lohar</li> </ul>	<ul style="list-style-type: none"> <li>Participated in self finance online faculty Development Programme on "Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)" organized by Department of Mechanical Engineering, National Institute of Technology Delhi, India, held during April 05-10th, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Dr. Vishnu Agarwal</li> <li>Ms. Surbhi Mishra</li> <li>Mr. Mukesh Lohar</li> <li>Ms. Deepti Mehta</li> <li>Mr. Rahul Sen</li> <li>Dr. Saurabh Tege</li> </ul>	<ul style="list-style-type: none"> <li>participated One week FDP on Research Methodology: Tools &amp; Techniques organized by Department of Science and Humanities, GITS from 25 to 29 april, 2022.</li> </ul>
<ul style="list-style-type: none"> <li>Ms. Deepti Mehta</li> <li>Md. Zuber Khan</li> </ul>	<ul style="list-style-type: none"> <li>published a paper entitled “ Atmospheric Air Water Generator “in International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5,May 2022</li> <li>published a paper entitled “ Comparison between CNC Router &amp; Lathe Machine “in International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5,May 2022.</li> </ul>
<ul style="list-style-type: none"> <li>Ms. Surbhi Mishra</li> </ul>	<ul style="list-style-type: none"> <li>published a paper entitled “ To alleviate the release of harmful Chemicals by using smoke collecting Device “in Journal of Scientific &amp; Engineering Research , Vol. 9 , Issue 4, May 2022.</li> <li>participated in Impact Lecture session -1 organized by IIC , NIFTEM, Thanjavur held on 16 th June 2022.</li> <li>successfully completed certification course on Improving content mastery with quizlet on June 10 , 2022</li> </ul>
<ul style="list-style-type: none"> <li>Ms. Deepti Mehta</li> <li>Mr. Zuber Khan</li> </ul>	<ul style="list-style-type: none"> <li>published a paper entitled “ Design &amp; fabrication of CNC Router “in International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 6 ,June 2022</li> </ul>

# Student Achievement

STUDENT NAME	DETAILS
<ul style="list-style-type: none"> <li>Taher Ali</li> </ul>	<ul style="list-style-type: none"> <li>Paper Presented titled "Advance Heavy Water Reactor(AHWR) : Thorium Based Nuclear Energy Technology in India" in 3<sup>rd</sup> International online conference on Emerging Trends in Mult- Disciplinary Research " ETMDR-2022 held on Jan 20-22, 2022 at Poornima University, Jaipur.</li> <li>Participated in Debate competition organized by Dept. Of electrical Engineering on 12/3/2022 &amp; stood second.</li> </ul>
<ul style="list-style-type: none"> <li>Mayur Choubisa</li> <li>Hemant Lohar</li> </ul>	<ul style="list-style-type: none"> <li>Paper Presented titled "Carbon Absorption System: A review" in 3rd International online conference on Emerging Trends in Mult- Disciplinary Research " ETMDR-2022 held on Jan 20-22, 2022 at Poornima University, Jaipur.</li> </ul>
<ul style="list-style-type: none"> <li>Shivansh Vaishnav,</li> <li>Sachine Panchal</li> <li>Rupanshu Singh Chouhan</li> <li>Shubham Jain,</li> </ul>	<ul style="list-style-type: none"> <li>Fabrication of Four Wheel Segway with Handle, Journal of Scientific and Engineering Research, 2022, 9(3):91-95.</li> </ul>
<ul style="list-style-type: none"> <li>Bheru Choudhary</li> <li>Sourabh Malviya</li> </ul>	<ul style="list-style-type: none"> <li>ME Illyr Student, got II rank &amp; won cash price in Global Hackathon at SITE Jaipur</li> </ul>
<ul style="list-style-type: none"> <li>III Year students</li> </ul>	<ul style="list-style-type: none"> <li>One week training Programme on " Refrigeration and Air Conditioning " held from 9/5/2022 to 13/5/2022 for the students of Third Year ME was successfully completed</li> </ul>
<ul style="list-style-type: none"> <li>Bhuvnesh Mewara</li> <li>Chirag Paliwal</li> <li>Hari Pratap singh</li> <li>Hemant singh Rana</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled " Atmospheric Air Water Generator "in International Journal of Innovative Research in Science , Engineering &amp; Technology, Vol. 11 , Issue 5,May 2022</li> </ul>
<ul style="list-style-type: none"> <li>Akshay jain</li> <li>Ameta sanjay Deepak</li> <li>Deepak Paliwal</li> <li>Karan singh Devra</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled " Comparison between CNC Router &amp; Lathe Machine "in International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5,May 2022</li> </ul>
<ul style="list-style-type: none"> <li>Divyansh Kumawat</li> <li>Hemant Singh Gorana</li> <li>Gaurav kumawat</li> <li>Kamaljeet Singh Saini</li> <li>Kritika Vyas</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled " To alleviate the release of harmful Chemicals by using smoke collecting Device "in Journal of Scientific &amp; Engineering Research, Vol. 9 , Issue 4,May 2022</li> </ul>
<ul style="list-style-type: none"> <li>Rathore gajendra</li> <li>Saurabh Mewara</li> <li>Shoeb akhtar Qureshi</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled "Automatic Bottle Filling System using PLC Based Controller in " International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5,May 2022</li> </ul>
<ul style="list-style-type: none"> <li>Sohail Gohry</li> <li>Yudhishtir Verma</li> <li>Vijay Prajapat</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled "Pick and Place Robotic Arm using Ardino" in "International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 5,May 2022</li> </ul>
<ul style="list-style-type: none"> <li>Navneet R Vaishnav</li> <li>Rajendra Singh</li> <li>.</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled " 360 Degree Fire Protecting SYstem "in International Journal of Innovative Research in Science , Engineering &amp; Technology, Vol. 11 , Issue 6 ,JUNE2022</li> </ul>
<ul style="list-style-type: none"> <li>Avinash Sharma</li> </ul>	<ul style="list-style-type: none"> <li>Student from final year ME , published a paper entitled " Hand Gesture Control Arduino Robot "in International Journal of Innovative Research in Science , Engineering &amp; Technology , Vol. 11 , Issue 6,June2022</li> </ul>
<ul style="list-style-type: none"> <li>Gautam Rathore</li> <li>Akshay Singh Mertiya</li> </ul>	<ul style="list-style-type: none"> <li>Students from final year ME , published a paper entitled "Design &amp; fabrication of CNC Router "in International Journal of Innovative Research in Science , Engineering &amp; Technology, Vol. 11 , Issue 6 ,JUNE2022</li> </ul>

# ACADEMICS

B. TECH III year V Sem			
S .No	Name	Roll no	Grade point
1	KARAN PRAJAPAT	19EGIME300	8.91
2	BHERU LAL CHOUDHARY	19EGIME005	8.72
3	NIKHIL CHATURVEDI	19EGIME023	8.57
4	DIVESH LOHAR	19EGIME011	8.41
5	GOURAV VISHWA	19EGIME014	8.13

B. TECH IV year VII Sem			
S .No	NAME OF STUDENTS	ROLL NO.	TOTAL MARKS
1	AKSHAY JAIN	18EGIME003	149
2	AMETA SANJAY DEEPAK	18EGIME006	144
3	BHUVNESH MEWARA	18EGIME013	141
4	PURAN JAT	18EGIME054	141
5	RATHOD GAJENDRA RAMSINGH	18EGIME057	141



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**ADITYA UPADHYAY** **AJAY JOSHI** **SUNIL VERMA**

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