



# MECHNOBLAZE


EDITION

VOLUME VI ISSUE II JULY-DECEMBER, 2022




## INSIDE

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

### 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.

## 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.

# DIRECTOR'S DESK

**Dr. N.S.RATHORE**

Director ,Gits



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

I am very happy that Mechanical Engineering Department is releasing 6th 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



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 Engineer's.

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**

# In-house AutoCAD Training for 2 Year ME Students

An In-house one week training program for the students of upcoming 2 Year Mechanical, Batch ( 2021-25) was organized on AutoCAD & Robotics basics . Students were able to learn elementary concepts of designing through this training. Students were given drawing problem on daily basis for their hands on practice . Mr. Abhishek Joshi , In-house faculty member, ME dept. coordinated entire training process & resolve the queries of the students. The training started from 4<sup>th</sup> July 2022 to 16<sup>th</sup> July 2022.

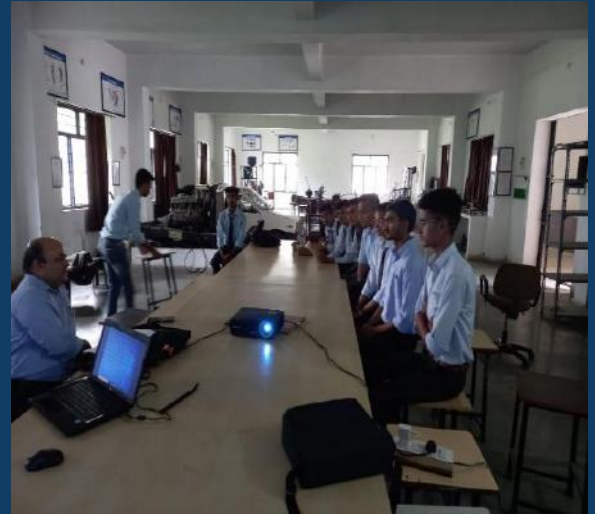




# In-house One Week Training for 2 Year ME Students

An In-house one week training program for the students of upcoming 2 Year Mechanical, Batch (2021-25) was organized on Automobile Basics & IC Engine. The training started from 26/7/2022 & completed on 30/7/2022. This training was organized in two phases; one in the morning and the another in afternoon. This was complete hands on training in which students learned about IC engine basics, its components, working, Diesel & Petro engine, Fuel Injection systems, car engine compartment etc. Students actively participated in this training and also enjoyed the various learning processes.

This training was well co-ordinated by Dr. Vishnu Agarwal & Mr. Udai Singh Chouhan. First two days of the training were taken by Mr. Udai Singh Chouhan & last three days session was taken over by Dr. Vishnu Agarwal. Complete schedule of the training is attached herewith.



# Industrial Visit at Advent Polymers, Udaipur

An Industrial visit to Advent Polymers, Udaipur was organized for the students of Third Year Mechanical Engineering on 16 of July 2022. This was second industrial visit for the students of III Year on the same day.

Students learned a lot about polymers processing and various technologies recently used in the fabrication of polymers. The visit was coordinated by Md. Zuber Khan.



# Student club Activity

In the month of September, Mechanical Engineering students participated in various competitions & Internships. All these students were mentored by Faculty Mechanical Engineering Department  
Details of student participation is as follows:

S.N	Particulars	Description
1	Student participation in Online awareness programme on <b>CII &amp; iPATE</b> .	An awareness programme jointly organized by AICTE & Confederation of Indian Industry to measure the industry readiness of engineering graduates on 21 <sup>st</sup> September 2021. Students registered themselves for the programme through google form.
2	Students participation in <b>"Innovesta"</b>	An event Jointly conducted by NIT Jalandhar & Institutions Innovation Club on 25 – 26 September 2021. In this event, Students have presented themselves on various "Innovesta tracks" which were provided by them via google meet link.
3	Students participation in <b>Microsoft Virtual Internship</b>	A future ready talent programme organized by Microsoft to train students on data artificial intelligence, Cloud computing, cyber security and other technical skills. In this internship program students have enrolled themselves for the first batch to be started from 6 <sup>th</sup> October 2021.
4	Students participation in Departmental <b>Research &amp; Innovation (R&amp;I) Cell</b>	Department of Mechanical Engineering has R & I Cell mentored by <b>Dr. Vishnu Agarwal</b> . R&I Cell members consist of 4 departmental faculties namely, <b>Dr. Sauarbh Tege, Ms. Surbhi Mishra, Mr. Rahul Sen, Mr. Udai Singh Chouhan</b> & 19 students at present. Students have come up with innovative ideas & are working on their project proposals. Latest meeting took place on 30 <sup>th</sup> September 2021.

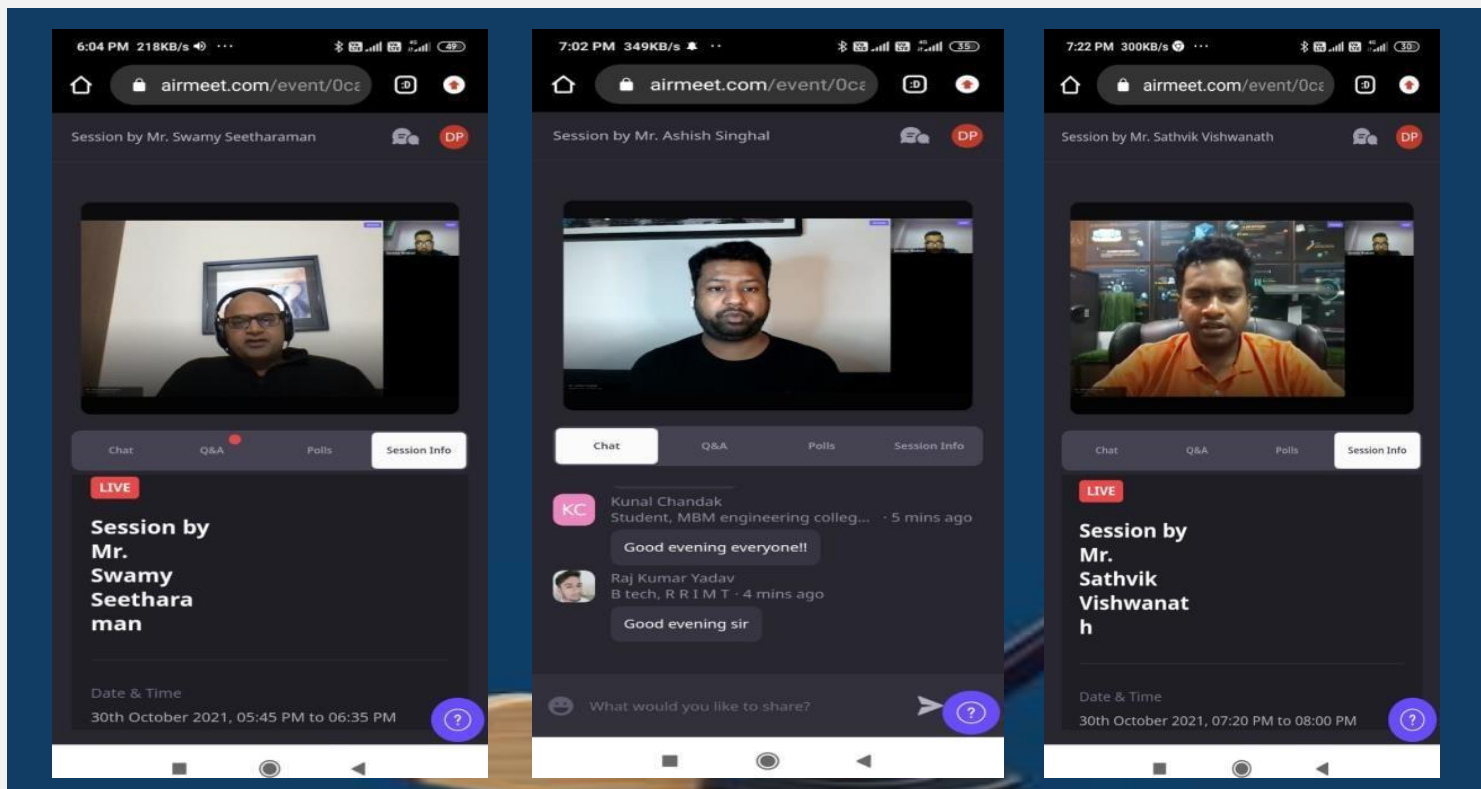


# Entrepreneurship Awareness Drive

GITSIANS ( Students from all branches ) participated on 30<sup>th</sup> October 2021 in evening ( from 5:45pm-8pm) in Entrepreneurship Awareness Drive conducted by IIT Kharagpur( As per GITS & IIT KGP MoU).

The sessions were taken over by **Mr. Swamy Seetharaman**, Lead (Engineering & Data), CRED & he addressed on topic of Creativity vs. Execution in starting up, **Mr. Ashish Singhal**, Founder & CEO, CoinswitchKuber, and he addressed on Making Money Equal for all through crypto & **Mr. Sathvik Vishwanath**, Founder & CEO, Unocoin.

At the end of each session, students inquisitively raised their queries which were resolved by session wise speakers. Students received certificate of Participation from IIT – KGP. GITS – Innovation & Incubation Cell (GITS –IIC) took the initiative to motivate the students to get registered & participate for this awareness drive. This event was a self driven activity for GITS –IIC Cell, which was mentored by Head Mechanical, Dr. Deepak Paliwal



# Workshop on Sensor Guided Robotics

The programme started with lamp lighting by Dr.Vikas Misra, Director (GITS), and Dr. Deepak Paliwal, HoD (ME), GITS. Dr.Deepak Paliwal welcoming to Dr.Vikas Misra with a bunch of flowers. In welcome speech Prof (Dr.) Visas Misra, Director(GITS) shared his views with the participants that if they wants to develop themselves, then attending such workshop would enhance their technical skills. Dr. Deepak Paliwal, HoD (ME), GITS welcomes all and brief the importance of Robotics and Automation.

The Workshop covered the fundamental understanding of Sensor Guided Robotics from basic level. Different components & wiring of robot and programming of Arduino UNO were explained in detail with live demonstration. Also teach hoe to use the Proteus Simulation Software.

Students develop 3 different basic autonomous robots which are guided using sensors. The first robot will be a line follower which is programmed to follow a line. This robot detects the path using infra- red sensors which work on the principle of reflection of light. Using the same sensors, Student also develop robots that can avoid obstacles and edge.



# Industrial Visit To Polymer Process, Udaipur

An Industrial visit to Polymer processors, Udaipur was organized for the students of Third Year Mechanical Engineering on 16<sup>th</sup> of July 2022. Polymer Processors is a leading Manufacturer, Distributor, Supplier of AIR BAGS, WIRES, RUBBER RINGS from Udaipur, Rajasthan, India. Polymer processors, Udaipur is the company who is pioneer in manufacturing all sizes of air bags (Pneumatic Block Pusher) to push the big rock mass marble. Students learned a lot about various rubber making technologies & tools. The visit was coordinated by Md. Zuber Khan.





# Third Year student 7 days Rubber training Program at VBRI , Udaipur

Training on Rubber Technology was organized for the Students of Third Year, ME. At Vidhya Bhawan Polytechnic College, Udaipur. The training started from 11 July 2022 .In all there were 38 students who actively participated in this training. The students were monitored by faculty co-ordinator Md. Zuber Khan , Asst. Prof .,ME. The training was divided into two parts First six Days Training was on Rubber Technology. Schedule is as follows:

<b>Polymer Science &amp; Rubber Technology 7 Days Program</b>				
<b>Date</b>	<b>Day</b>	<b>Expert</b>	<b>Topic</b>	<b>Practical</b>
11/7/2022	Monday	<b>Dr. Vikram Singh Kumawat</b>	Basics Polymer Science Polymerization, Polymerization technique	Application of Polymer
12/7/2022	Tuesday	<b>Dr. Vikram Singh Kumawat</b>	GPR Rubber, Textile and Rubber Material	Practical
13/7/2022	Wednesday	<b>Dr. Sunil Kumar Jagasia IRI Chairman</b>	Rubber Processing Machine, Banbury, Calendar, Two roll mil, Extrusion, Moulding	Hands on trainig on Two roll Mill
14/7/2022	Thursday	<b>Dr. Sunil Kumar Jagasia IRI Chairman</b>	Rubber Curing, Continuous curing method	Hand on training on Curing Press
15/7/2022	Friday	<b>Mr. Chunni Lal QCHead Sha Polymers Ltd.</b>	Rubber Product Design, Tire, Tube, and conveyor	Testing of Tube
16/7/2022	Saturday	<b>Dr. Vikram Singh Kumawat</b>	Rubber Testing ASTM Test method, Rheology, Din Abrader, Tensile etc and <b>Local Industry visit</b>	Testing on Rheology



# GITS – CAR RALLY 2022

Department of Mechanical Engineering organized Car Rally on 17/8/2022 in which entire Geetanjali faculty members and students participated actively. The Solar & Electric cars in the rally were completely fabricated and operated by Final Year engineering students of Mechanical and Automobile Branch. Dr. Vikas Misra, Director GITS & Prof. Dr. Sudhakar Jindal were also accompanied the rally and stated that it was a nice effort of final year

Mechanical Engineering students as their project which has been showcased through this rally. They also stated that now is need to use energy resources according to the demanding world.. Dr. Deepak Paliwal, Head Mechanical Engineering also encouraged and guided the students to prepare these Car projects All the participants of the rally were given nice refreshment to energize themselves and overall it was very nicely organized.





# Proud Moment for GITS / Departmental Achievement

It is so proud to announce that Industrial Automation Lab of Mechanical Engineering department got recognition as a Center of Excellence by RTU, KOTA. This is first ever lab which got recognition in the whole southern Rajasthan in terms of Centre of Excellence from session 2022-23 by RTU , KOTA. This recognition is being provided because of the Quality education certificate provided to the lab & on the basis of keen evaluation done by RTU Panel Specialists. This lab is developed and operated by Mr. Abhishek Joshi & Mrs. Manisha Joshi , Asst. Professor , ME unde the guidance and motivation of Dr. Deepak Plaiwal, Head ME. Job Oriented & Skill oriented courses will be taught in this lab to the students of GITS & to the students of other institutes as well.



# Third Year (Batch 2019-23) ME STUDENT YEAR LONG INTERNSHIP AT SHAH POLYMERS

Two students, Divesh Lohar & Arpit Menaria from Third year Mechanical Engineering got selected for their internship of 1 year duration in which they have to go on Saturdays at Shah Polymers. Their first training started on 6<sup>th</sup> August 2022 along with few more students of MBA Who also got selected for training.



# A National Level Online workshop on “Intellectual Property Awareness”

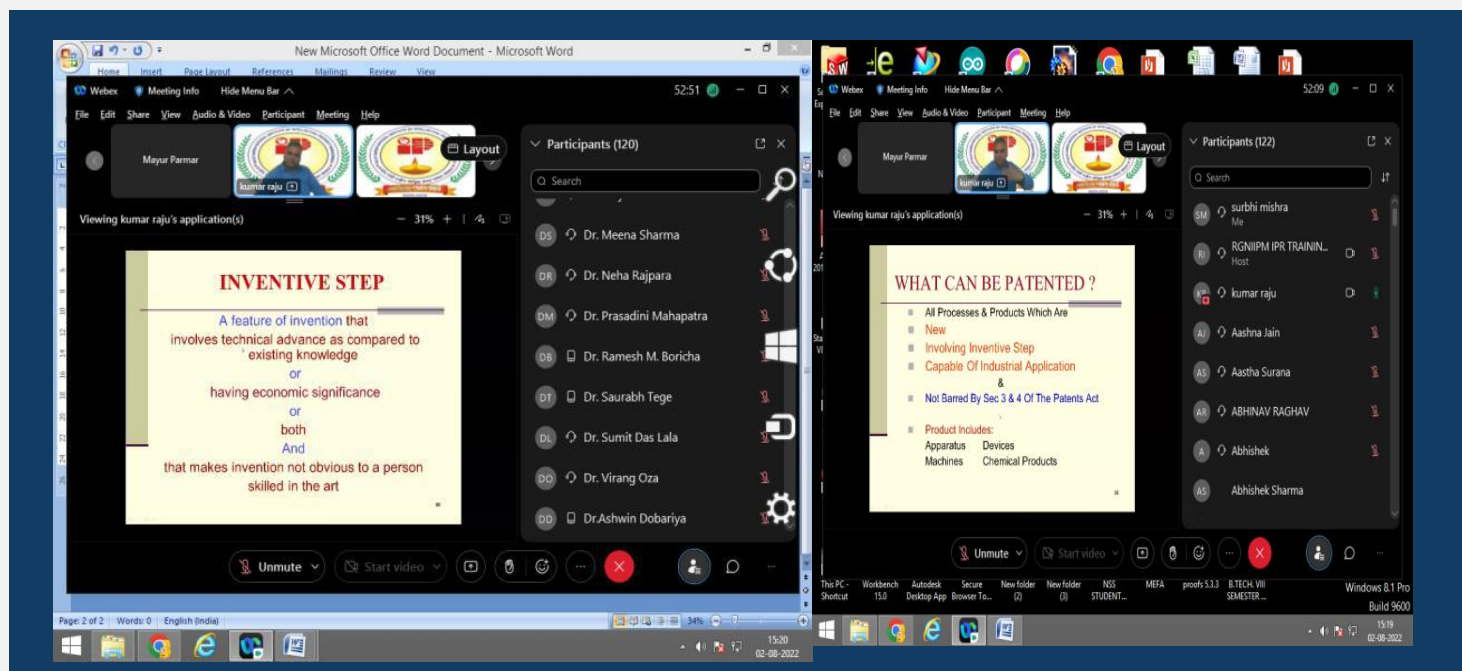
Institute of Advanced Research organized a National Level Online workshop on “Intellectual Property Awareness” In association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Government of India, and Nagpur on 2nd August 2022, Tuesday. Following faculty members of the department attended the workshop in an online mode .

Dr. Deepak Paliwal

Ms. Surbhi Mishra

Dr. Saurabh tege

Ms. Deepti Mehta





# IIC Regional Meet at Ahmadabad

An IIC regional meet held at Entrepreneurship Development Institute of India, Ahmadabad, on 18/8/2022. More than 320+ faculty representatives from 150+ IIC institutions took part in this IIC regional meet. 45+ IIC posters and 75+ innovations were exhibited during the meet.

Dr. Deepak Paliwal (innovation track) and Ms Surbhi Mishra ( IIC poster track) represent the two different tracks of the event.



# Intra Collegiate Student Club PPT Contest

An Intra Collegiate power point presentation contest was jointly organized by student club of Mechanical & Civil Engineering Department in which students of other departments also showcased their smart innovative ideas through their wonderful presentations. The Contest took place with lamp lightening before Goddess Saraswati in the presence of Director Dr. Vikas Misra Sir, Director IQAC Dr. Sudhakar Jindal Sir along with all departmental heads of respective branches. Top performers of this contest were awarded prize money of Rs. 700 ( I winner) & Rs. 500 ( II winner) from among the two different sub groups of branches i.e. top two from group of ME , CE & EE branch & top two from branch of CSE ,AI & ECE. Top performers along with few nice presenting students were also given a chance to present themselves at IEI, Udr on 3<sup>rd</sup> September 2022.





# Student Participation at Institute of Engineers , IE, Local Chapter , Udaipur

Students from the intra collegiate power point presentation competition held in our college were given a chance to present themselves through their power point presentation on topic Smart Engineering for a better world. 27 students in overall presented from our institute out of which 10 students were from **Mechanical Engineering branch**. Faculty coordinators from the department & for overall co-ordination from the mechanical department were **Dr. Vishnu Agarwal & Ms. Surbhi Mishra**. Students will also be called on 15 September 2022, for the engineer's day celebration. All the students were given certificate of Participation and first winner & runner up of the competition were felicitated through cash prize and certificate. First winner team was Nishita Tak & Harshita Krishnaw at from ECE branch & Harshita Singh & Nitya Vijayvargiya stood as runner up .



# Alumni Talk on The Occasion of Orientation Day

On the occasion of Orientation day Celebration of II Year students , An alumni talk was arranged for the students to provide them real life encouragement from their pass out seniors. The two Alumni invited were Er. Piyush Shrimali & Er.Kamal Pal Singh from the batch of 2017. Both the alumni were from automobile engineering branch of the batch and are currently working on their own entrepreneurship of Customed bikes named triple 7 customs, in Udaipur. Piyush and Kamal Nicely interacted with the students and shared their wonderful experiences and their entrepreneurial journey.



# Engineer's day Celebration

Students of Mechanical Engineering department celebrated Engineers day as it is a birth anniversary of India's first Civil Engineer, Mokshagundam Visvesvaraya. Students celebrated engineers with fun full activities and games. All faculty members and students of the department enjoyed a lot and got worth recognition as an engineer. Dr. Deepak Paliwal , Head Mechanical Engineering mentioned the importance of Engineers day with a short speech. A Brain storming session was arranged for the students in which Pankaj Suthar stood as a winner & Yogeshwar Lohar stood second.





# Student Participation at Institute of Engineers , IE, Local Chapter , Udaipur

All the students were called on 15<sup>th</sup> September, 2022 to celebrate engineers day. Selected Students & Dr. Vishnu Agarwal & Surbhi Mishra, faculties of the department attended the seminar organized by IEI on this day. The program was nicely attended by participants from the department & learned a lot about beautiful insight to the outside smart world through seminar presentation organized by IEI , Udaipur. All the students were given certificate of Participation and first winner & runner up of the competition were felicitated through cash prize and certificate. First winner team was NishitaTak& Harshita Krishnawat from ECE branch & Harshita Singh & Nitya Vijayvargiya stood as runner up .Program was followed by dinner for the participants.



# Visit to Pyrotech Electronics Ltd.

II & III year student Industry Visit to Pyrotech Electronics Pvt. Ltd. Unit IV Udaipur was organized on 23rd Sept, 2022 students of II Year EE visited the industry. The students learned about the product processing units working measures, seven tank process, Mechanical parts assembly, Electrical Components and assembling of electrical components , Electrical Meter, Electrical Supply system in electrical panel, various modules used in Panel Manufacturing, CNC Machine Operational Parameter and Processes involved in Plant to pyrotech. The manager explained the students about the company and its processing methods, the students also visited the production and Quality units and interacted with the employees. The visit was organized for the total of 35 students and few faculty members from the department viz. Dr. Vishnu Agarwal, Ms. Deepti Mehta, Mr. Abhishek Joshi, & Mr. Rahul Sen.





# Vishwakarma Jayanti Celebration

Mechanical Engineering Department of Geetanjali Institute of Technical Studies celebrated Vishwakarma Jayanti on 17<sup>th</sup> September 2022. An auspicious moment of prayer to pay obeisance to Lord Vishwakarma, who is regarded as the god of architecture and engineering, was organised in the workshop of Mechanical Engineering department at 1:30 PM. Pooja was followed by nice prasad distribution contributed and managed by department of Mechanical Engineering.

According to Hindu mythology Lord Vishwakarma is the divine draftsman of the whole universe and the official builder of all the gods' palaces and the designer of all celestial vehicles and weapons. Lord Vishwakarma has four hands, wears a crown, loads of gold jewellery, and holds a water-pot, a book, a noose and craftsman's tools in his hands and is described as the God with multi-dimensional vision and supreme strength by Rig Veda.

Occasion was attended by Director GITS, Prof. Vikas Misra, Director IQAC DR. Sudhakar Jindal, Finance Controller, Shri. B. L. Jangir, all heads of the department, faculties of the department and other branches & technical assistants. Head Mechanical and Automobile, Prof. Deepak Paliwal along with all staff members and students from various departments.



# ALUMNI TALK

An Alumni talk / Panel discussion with Mechanical Engineering students already placed in Pinnacle Infotech has been organized for students of Mechanical engineering on 19 th October ,Wednesday in evening at 7:30 pm . Mode of talk was online through Google meet. Three Alumnis placed in Pinnacle and already working in Pinnacle Infotech Ltd. from different passout batches Viz. Er. Shubham Purohit from batch of 2016 ,working as Senior Executive , Er. Deepak Soni from batch of 2017 working as Executive Engineer & Er. Bhuvnesh Mewara from batch of 2018 working as Trainee executive formed a panel and a healthy discussion took place among students. The discussion also took place in presence of departmental faculty members & Head of the Department Dr. Deepak Paliwal .All the Three aluminis shared their working process style , selection strategies and their day to day working experience with all the students. This session was specially organized for the students who have to face the upcoming Pinnacle Recruitment Process so that they can prepare themselves accordingly. The Talk was smoothly organized by Ms. Surbhi Mishra.

**GEETANJALI INSTITUTE OF TECHNICAL STUDIES**  
(Affiliated to Rajasthan Technical University, Kota and Approved by AICTE, New Delhi)  
COURSES OFFERED : B.TECH. | M.TECH. | MBA | MCA | Ph.D.  
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**Department of Mechanical Engineering**  
Organizing  
**Panel Discussion/Alumni Talk**  
on  
**Career Growth of Mechanical Engineers in Industries**

**Pinnacle Infotech**

Event Coordinator:  
Ms. Surbhi Mishra  
(Assistant Professor, ME)

Er. Shubham Purohit  
Senior Engineer  
Pinnacle Infotech

Er. Deepak Soni  
Executive Engineer  
Pinnacle Infotech

Er. Bhuvnesh Mewara  
Trainee Engineer  
Pinnacle Infotech

Date: 19 October 2022 Time: 7:30 PM Mode: Online (Google Meet)

# Departmental Picnic

A departmental picnic on 31st October was organized for the students of Third Year Batch 2020-2024. The picnic was organized at CZAR Palace Resort, Ahmedabad Road 25 kms away from Udaipur. College bus took the students to their picnic spot. The students enjoyed fun games, pool party & resort breakfast and lunch. This picnic was organized to make students refresh & to train themselves for team-building purposes. In this way students and faculties had spent much time together. Also participation in some activities may foster more collaboration among them. It could also be taken as a perk which makes them happier and more energetic for their upcoming schedules.

Few Departmental Faculty members, Head of the department, also enjoyed this refreshing picnic.





# Proud Moment Center of Excellence

It is so proud to announce that Industrial Automation Lab og Mechanical Enginnering department got recognition as a Center of Excellence by RTU , KOTA. This is first ever lab which got recognition in the whole southern Rajasthan in terms of Centre of Excellence from session 2022-23 by RTU , KOTA. This recognition is being provided because of the Quality education certificate provided to the lab & on the basis of keen evaluation done by RTU Panel Specialists. This lab is developed and operated by Mr. Abhishek Joshi & Mrs. Manisha Joshi , Asst. Professor , ME unde the guidance and motivation of Dr. Deepak Plaiwal, Head ME. Job Oriented & Skill oriented courses will be taught in this lab to the students of GITS & to the students of other institutes as well.





# Research Paper Presentation Competition

The Department of Mechanical & Electrical Engineering had organised a two-day Research paper presentation competition for students of all branches on 29-30 Nov. 2022. The Contest begun with inaugural ceremony & lamp lightening by Director Sir, Dr. N. S Rathore Sir , all heads of the department , deans , faculties & students from various branches as audience & as a participant both.

Campus director , Dr. N. S Rathore Sir addressed the students about the meaning, concept and importance of research in the engineering and daily life.

CSE, AI, ECE, BCA Students were in the first group and EE, CE, Students were in the second group.

A total of 35 groups from all branches were the participants , who first submitted their research paper and then presented the paper through PPT



# Expert Lecture

Department of Mechanical Engineering under guidance of honorable Director sir Dr. N. S Rathore , organized an expert talk on “Promises & Challenges of Nuclear Energy in Present & Future Carbon Constrained World” on the occasion of National Pollution Control day/Prevention Day on 2/12/22. The speaker of the session was Dr. K K Sharma who is a retired Chief engineer at Rajasthan Atomic Power Station , Rawat bhata.

The program started with lamp lightening by Hble Director Sir , Dr. N. S Rathore , all heads of the department.

Dr. K K Sharma shared his knowledge on nuclear power plant, rawatbhata, among students. Director sir discussed about energy, ecology and environment among audience in the event.

Dr. Deepak Paliwal , Head Mechanical engineering stated objectives of organizing the talk and briefed about importance of National Pollution Control day . 2 Min pray of silence was also offered to the people who lost their lives in bhopal tragedy on 2nd and 3rd December 1984 and specially the event was dedicated to them only. All the departmental faculties, Heads and deans attended the expert session. Students in the session also raised the queries regarding Pollution Control Measures.

Expert of the talk was presented with framed portrait of Lord Shiva prepared by Inhouse Laser Engraving Machine from COE , Mechanical Engineering deptt.

The event was well organized by Ms. Surbhi Mishra , Asst. Prof. Mechanical Engineering Deptt



# MSME Hackathon

Six teams from our Institute presented their idea along with hardware in MSME Hackathon 2.0 held at Mewar University, Chittorgarh on 12 Dec 2022

After being approved by MSME, The two ideas shortlisted will be provided with the funding. Its proud to announce that one student **Bheru Choudhary participant** (among this shortlisted team belongs to **final year, Mechanical Engineering**).





# Training On CNC Machine

One month training on cnc programming has been started from 6/12/ 22. 19 mechanical engineering students and two technical assistant will be trained by extension center - udaipur MSME government of india.

This training program is an outcome of MOU signed between GITS and MSME on dated 3 November 2022 under the leadership of honorable director N S Rathore sir.

At the end of training students will get certificate from MSME and value added skills on cnc machine programming.



## गिट्स विद्यार्थियों को दिया प्रशिक्षण

उदयपुर। प्रशिक्षण किसी भी शिक्षण संस्थान का प्रमुख अंग होता है। जो विद्यार्थियों के स्किल में निखार के साथ ही एक विशिष्ट क्षेत्र में व्यवहारिक रूप से विशेषज्ञता प्रदान करता है। विद्यार्थियों को इसी व्यावहारिक ज्ञान को बढ़ाने के लिए एम.एस.एम.ई. (भारत सरकार का उपक्रम) द्वारा मैकेनिकल इंजिनियरिंग विभाग के 19 विद्यार्थियों एवं 02 टेक्नीकल असिस्टेंट को एक महिने का सी.एन.सी. पर प्रशिक्षण प्रदान किया जा रहा है। संस्थान निदेशक डॉ. एन. एस. राठौड़ ने बताया कि सी.एन.सी. से कोई भी क्षेत्र अछूता नहीं है। सी.एन.सी. एक कंप्यूटर प्रोग्रामिंग आधारित मशीन है



जिसमें प्रोग्राम डालकर मनचाहे डिजाइन को कटिंग की जा सकती है। इस मशीन में कंप्यूटर के उपयोग होने से इसका चलन बहुत तेजी से बढ़ा है। सी.एन.सी. मशीन किसी भी क्षेत्र में किया गया कार्य बहुत ही क्रिएटिव और त्रुटि रहित होता है। आने वाले समय में सी.एन.सी. आधारित मांग देखते हुए इस प्रशिक्षण का कार्यक्रम रखा गया। मैकेनिकल इंजिनियरिंग विभागाध्यक्ष डॉ. दीपक पालीवाल के अनुसार 3 नवम्बर को एम.एस.एम.ई. एवं गिट्स के मध्य करार हुआ था। इस करार के तहत एम.एस.एम.ई. गिट्स के विद्यार्थियों एवं फेकल्टी मेम्बर्स को विभिन्न क्षेत्रों में प्रशिक्षण प्रदान करेगी। इसी करार के तहत यह प्रशिक्षण दिया जा रहा है।

# Hands on Workshop on Experimental Understanding on Space Technology

Students of Mechanical engineering understood the concepts of rocket technology on the first day of workshop on Experimental understand on space technology . They prepared rockets under the guidance of experts from Airwings Flying Machines Pvt Ltd.

It is expected that tomorrow morning at 11.45 AM ( during lunch timings) , after preparing models of satellite, students will launch these rockets from college ground.



**GEETANJALI**  
INSTITUTE OF TECHNICAL STUDIES

Department of Mechanical Engineering  
Experimental understanding on  
**SPACE TECHNOLOGY**  
Design & Fly your own Rocket.

16 - 17 DEC : 2022  
10:00AM - 3:30 PM

GITS Campus  
Udaipur

**DISCUSSIONS  
AND INSIGHTS**

- (a) Rocket Model Design
- (b) Assembly & Launching
- (c) Satellite Model Design
- (d) Telemetry & Sensors
- (e) Ground Station Tasks
- (f) Space Mission Operating

**Participants :-**  
B. Tech. Students

**TECHNICAL PARTNER**  
**AIRWING**  
Airwing Flying Machine Pvt. Ltd.  
Sabarkatha - Gujarat

**Note:-** Certificate will be given to each participant.



# Faculty Achievement

FACULTY NAME	DETAILS
<ul style="list-style-type: none"> <li>Dr. Saurabh Tege</li> </ul>	Attended FDP Recent trends in signal and machine learning with their application.
<ul style="list-style-type: none"> <li>Ms. Surbhi Mishra</li> </ul>	Appointed and invited as an external at VBRI Polytechnic College Udaipur.
<ul style="list-style-type: none"> <li>Dr. Vishnu Agarwal</li> </ul>	Appointed and invited as an External at Pacific Institute of Technology, Udaipur.
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Ms. Surbhi Mishra</li> <li>Dr. Saurabh tege</li> <li>Ms. Deepti Mehta</li> <li>Mhd. Zuber Khan</li> <li>Mr. Abhishek Joshi</li> <li>Mr. Rahul Kumar Sen</li> </ul>	A National Level Online workshop on “Intellectual Property Awareness” attended.
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Ms. Surbhi Mishra</li> </ul>	Attended Regional meet at EDII , Ahemdabad On 18/8/2022 in ARIIA and innovation track.
<ul style="list-style-type: none"> <li>Dr. Vishnu Agarwal</li> <li>Dr. Saurabh Tege</li> <li>Ms. Surbhi Mishra</li> <li>Md. Zuber Khan</li> <li>Ms. Deepti Mehta</li> </ul>	participated in Faculty Knowledge Sharing Program on “Innovation in Teaching & Learning Approaches”(FDP)
<ul style="list-style-type: none"> <li>Md. Zuber Khan</li> <li>Mr. Abhishek Joshi</li> <li>Ms. Surbhi Mishra</li> <li>Ms. Deepti Mehta</li> <li>MS. Manisha Joshi</li> </ul>	Certificate course on EV Control System organized by ISIEINDIA was completed
<ul style="list-style-type: none"> <li>Dr. Vishnu Agarwal</li> <li>Ms. Surbhi Mishra</li> </ul>	Attended the seminar presentation held at IE, Local Chapter , Udaipur
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Ms. Surbhi Mishra</li> </ul>	Participated in 5 days FDP on Entrepreneurship, Innovation and Incubation organized by Entrepreneurship Development Cell , IIC.
<ul style="list-style-type: none"> <li>Mr. Abhishek Joshi</li> <li>Ms. Deepti Mehta</li> </ul>	<ul style="list-style-type: none"> <li>Successfully completed session on Electric Vehicles &amp; Mobility organized by ISIEINDIA</li> <li>Successfully completed session on Industry 4.0 – A transformation in Manufacturing organized by ISIEINDIA</li> </ul>
<ul style="list-style-type: none"> <li>DR. VISHNU AGARWAL</li> <li>Mr. Abhishek Joshi</li> <li>Ms. Deepti Mehta</li> <li>Mr Narendra Patel</li> </ul>	Participated in the AICTE Recognized Faculty Development Programme on Wellness and Meditation.
<ul style="list-style-type: none"> <li>Dr. Deepak Paliwal</li> <li>Dr. Vishnu Agarwal</li> <li>Dr. Saurabh tege</li> <li>Mr. Narendra Patel</li> <li>Mr. Rahul Kumar Sen</li> <li>Mr. Udai singh Chohan</li> <li>Ms. Surbhi Mishra</li> <li>Ms. Deepti Mehta</li> <li>Mhd. Zuber Khan</li> <li>Mr. Abhishek Joshi</li> </ul>	Participated in the workshop “experimental understanding on space technology” organized by GITS, Udaipur during 16 <sup>th</sup> -17 <sup>th</sup> December 2022 in the field of space technology .



# Student Achievement

STUDENT NAME	DETAILS
<ul style="list-style-type: none"><li>• Divesh Lohar</li></ul>	Students of III Year Me got selected in SAH Polymer Process as a Mechanical Design Intern along with recruitment commitment after 1 year.
<ul style="list-style-type: none"><li>• Deepak Paliwal</li><li>• MahendraMenariya</li><li>• KartikKhatik</li></ul>	Students from Batch of 2018-2022got shortlisted in JK Tyres , Sirohi Plant.
<ul style="list-style-type: none"><li>• Hemant Gurjar</li><li>• Mayur Choubisa</li><li>• Divesh Lohar</li><li>• Yogeshwar Lohar</li><li>• Kushal Paliwal</li><li>• Mitali Sharma</li><li>• Bhupendra Shekhawat</li></ul>	Attended seminar organized by in IE & received participation certificate of ppt contest held at IE, Local Chapter, Udaipur.

# ACADEMICS TOPPES

B. TECH III year VI Sem			
S.NO	NAME OF STUDENT	ROLL NO.	GRADE POINT
1	KARAN PRAJAPAT	19EGIME300	220.00
2	DIVESH LOHAR	19EGIME011	218.50
3	BHAVESH YADAV	18EGIME013	213.50
4	NIKHIL CHATURVEDI	19EGIME023	210.50
5	BHERU LAL CHOUDHARY	19EGIME005	209.50

B. TECH IV year VIII Sem			
S.NO	NAME OF STUDENT	ROLL NO.	GRADE POINT
1	AKSHAY JAIN	18EGIME002	155
2	LOKESH KUMAR MEENA	18EGIME023	147.5
3	PUNIT PANDEY	18EGIME053	147.5
4	CHIRAG PALIWAL	18EGIME011	146
5	DEEPAK PALIWAL	18EGIME013	146

# Placements

**GEETANJALI**  
Institute of Technical Studies

#GITSPLACEMENTS

**11 STUDENTS**

**B.TECH**  
MECHANICAL | ELECTRONICS & COMMUNICATION  
ENGINEERING 2022 BATCH

Placed in  
**THERMAX**  
(INDIA'S LARGEST ROILER MANUFACTURING COMPANY)

Admission Helpline  
9116039801, 9116039802

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INTERNATIONAL LLP.  
QUALITY | EXCELLENCE | TRUST

**VISHAL REGAR**

**MAHENDRA MENARIYA**

Admission Helpline  
9116039801, 9116039802

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**CONGRATULATIONS**

B.Tech EE & ME 2022 Batch Students  
Placed in

**moglix**

**RONAK POKHRANA**

**BHAVESH PANERI**

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NAAC ACCREDITED INSTITUTE | NBA ACCREDITED ENGINEERING & MANAGEMENT PROGRAMS

**CONGRATULATIONS!**

B.Tech Civil, Mechanical & Electrical Engineering Batch-2022 Students

**Deoraj Singh Panwar**

**Harshvardhan Singh Dulawat**

**Jenish Jain**

**Manoj Chandel**

**Sweety Tank**

**Bhuvnesh Mewara**

**Gautam Rathore**

**Hari Pratap Singh Chandrawat**

**Shoeb Akhtar Qureshi**

**Ashish Paliwal**

**PLACED IN**

**Pinnacle Infotech**

Admission Helpline  
9116039801, 9116039802