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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. Vikas Mishra



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

I am very happy that Mechanical Engineering Department is releasing 2nd 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.

DIRECTOR'S DESK

Dr. SUDHAKAR JINDAL
Director .(IQAC) Gits



"Be a person not a machine. Don't accumulate degrees rather inculcate ethics and values."

As a director, I am elated that the Mechanical Engineering Department of Geetanjali Institute of Technical Studies is releasing the 5th edition of 'MECHNOBLAZE' as a forerunner of department activities.

In the age of globalization, to build a truly different institution of engineering and technology in Udaipur, an institution with a marked difference in quality to serve the local people in global arena. Our aim is to build an effervescent community of engineers, where faculty and students are cronies in a mutually inspirational education process, engrossed in learning

The career prospects of the engineers and technologists are wide-ranging and fulfilling. A well-trained engineering graduate will be equally competent in research and professional positions, drawing upon his analytical, practical and problem-solving skills. But we aren't just about the technology.

We look for, and develop creative problem solving strengths in our students; at the same time, we encourage students to grow as effective team players, with a strong set of ethics, communications skills and zeal to outshine.

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)

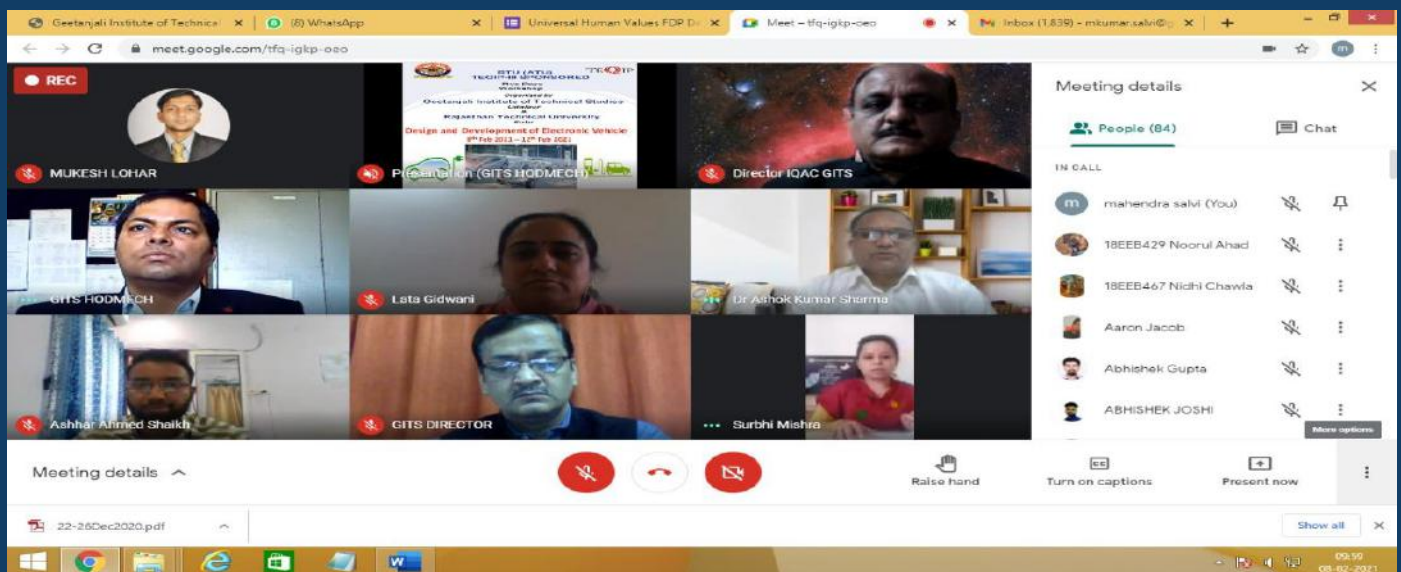
DEPARTMENT OF MECHANICAL ENGINEERING

Workshop on Design and Analysis of Electronic Vehicle

The workshop was inaugurated on 8th February 2021 with the blessings of Maa Saraswati in the presence of Patron Shri Kapil Agarwal, (Vice-Chairman, Geetanjali Group), Chief patron, Prof. R.A. Gupta (Honorable Vice Chancellor, RTU), Chief Convener, Prof. Dr. Vikas Misra (Director GITS), RTU (ATU) TEQIP –III Coordinator, Prof. Dharendra Mathur, RTU workshop Coordinator: Prof. A K Dwivedi, Dr. Sudhakar Jindal (Director, IQAC GITS) & Host Institute Coordinator, Dr. Deepak Paliwal, (Head Mechanical Engineering, GITS)

Guest of honor Prof. Dr. Vikas Misra, Director GITS & Chief Convener of workshop welcomed the dignitaries and participants with his inaugural address. He spoke about the importance of the knowledge of Electronic Vehicles. Dr. Sudhakar Jindal, Director IQAC GITS also addressed the gathering. Dr. Lata Gidwani & Dr. A.k Sharma RTU workshop Coordinator also briefed the participants regarding the utility of this workshop. Dr. Deepak Paliwal, Head Mechanical Engineering highlighted the importance of attending this technical workshop & presented vote of thanks to everyone.

B) National Level
Experts:- Mr. Ashhar Ahmed, Director, SkillShark Edu Tech, Hyderabad; Mr. Manomeet Kumar, Manager Product Development Eifer, Delhi; Mr. Ankush Sarkar, Founder Leonite, Delhi; Mr. Vijay Choudhary Co-Founder Mobilytics, Delhi; Mr. Vijay Murge, Founder MyEVEnergy, Pune; Mr. Ashhar Ahmed, Director, SkillShark Edu Tech, Hyderabad; Dr. Rajgopal-GM (Retd.)/BHEL Corporate R & D Hyderabad; Mr. Jagjit Singh, CEO Manbal.ai, Bangalore.



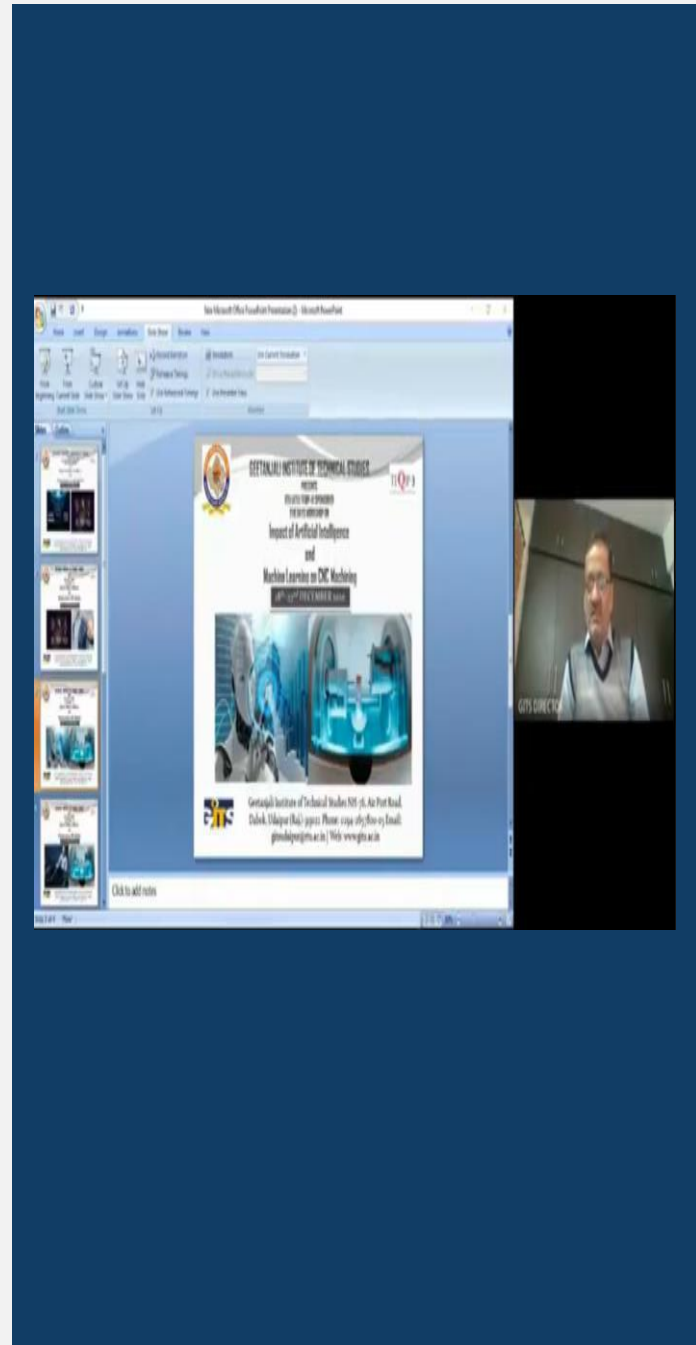
The team Speed Demons won the cleanest pit Award as well during the competition

The workshop was inaugurated on **23rd January 2021** with the blessings of Maa Saraswati in the presence of Patron Shri Kapil Agarwal,(Vice-Chairman, Geetanjali Group), Chief patron ,Prof. R.A. Gupta (Honorable Vice Chancellor , RTU) , Chief Convener , Prof. Dr. Vikas Misra (Director GITS) , RTU (ATU) TEQIP –III Coordinator ,Prof. Dharendra Mathur , RTU workshop Coordinator : Prof. A K Dwivedi , Dr. Sudhakar Jindal (Director , IQAC GITS)& Host Institute Coordinator , Dr. Deepak Paliwal , (Head Mechanical Engineering , GITS)

Guest of honor **Prof. Dr. Vikas Misra , Director GITS & Chief Convener of workshop** welcomed the dignitaries and participants with his inaugural address. spoke about the importance of the knowledge of artificial intelligence & its various scope.**Dr. Sudhakar Jindal** , Director IQAC GITS also addressed the gathering. **Prof. A K Dwivedi**, RTU workshop Coordinator also briefed the participants regarding the utility of this workshop.**Dr. Deepak Paliwal** , Head Mechanical Engineering highlighted the importance of attending this technical workshop.

Experts:-

- Dr. Gaurav Tiwari** Asst. Professor, VNIT, Nagpur
- Dr. Ravi Prakash Khandelwal**, Principal Engineer, Siemens India Ltd.
- Dr. K. Senthil**, Asst. Professor, NIT Jalandhar
- Dr. Tiju Thomas**, Design Engineer, HMT, Bangalore
- Dr. M.D. Goel**, Asst. Professor, VNIT, Nagpur
- Dr. Rehan Sadique, Asst. Professor, AMU, Aligarh
- Dr. Rashmi Uddanwadikar**, Associate Professor, VNIT, Nagpur



A Expert talk on “ Business Management & Improvement through ERP : An only path for global business” RTU , TEQIP –III Sponsored.

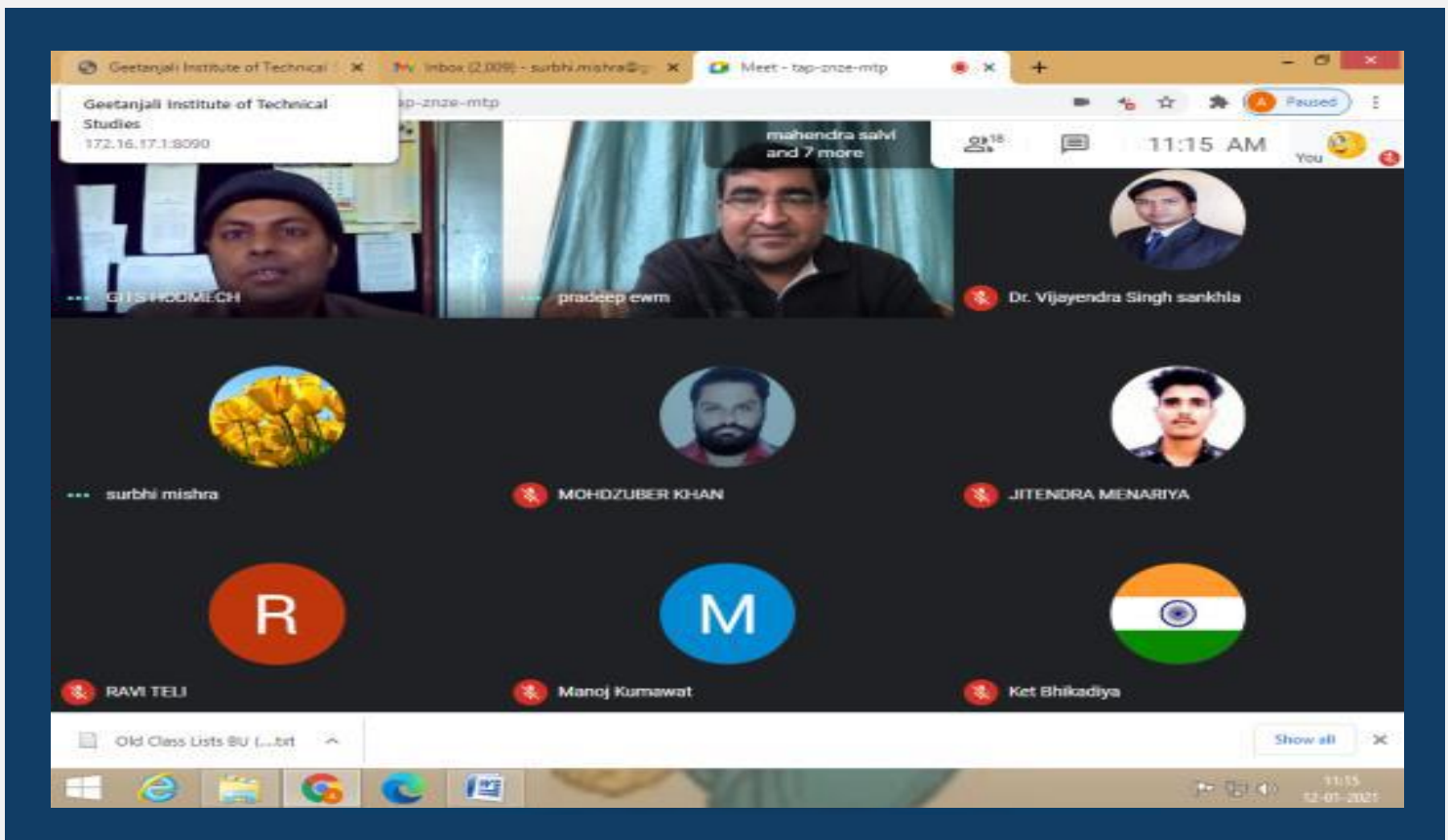
MECHNOBLAZE

VOLUME II ISSUE II JANUARY – JUNE, 2019

A Expert talk on “ Business Management & Improvement through ERP : An only path for global business” RTU , TEQIP –III Sponsored by Mr. Pradeep Sharma was organized on 12th of January 2021. He made the participants understood basics of ERP , usage and applications of SAP & Interrelevance between both. He also clearly described the SAP Eco system & its designing.

His expert talk also covered some of the topics like focused on some other sali features on :

1. Introduction to ERP & SAP
2. Types of projects /clients /business for ERP /SAP
3. Implementation process all about projects
4. SAP Modules / Components
5. SAP Ecosysytem
6. Career Shift to ERP



MECHNOBLAZE

VOLUME V ISSUE I JANUARY – JUNE, 2021

Placements

CONGRATULATIONS

6 GITS B.Tech Mechanical,
Automobile & Electrical
Engineering Students Placed in



Hemendra S. Sisodiya



Mahipal Singh



Shivansh Parashar



Rohit Suthar



Raj Trivedi



Ravi Vaishnav

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CONGRATULATIONS



DEEPESH SINGH



PIYUSH JAIN



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CONGRATULATIONS

GITS PLACEMENTS



Arshad Hussain



Mayank Vyas



Sudhanshu Taldar



Prateek Nalwaya



Mukul Sen



Deepak Shrimali



Nilesh Menaria

7 GITS B.Tech (CSE,ME,EE)
& MBA Students Placed in



www.gits.ac.in



Placements

GEETANJALI
Institute of Technical Studies

CONGRATULATIONS



Sanjay Mehta

B.Tech Mechanical Engineering 2021
Student Placed in



www.gits.ac.in

GEETANJALI
Institute of Technical Studies

CONGRATULATIONS

6 GITS B.Tech Mechanical,
Automobile & Electrical
Engineering Students Placed in



Hemendra S. Sisodiya



Mahipal Singh



Shivansh Parashar



Rohit Suthar



Raj Trivedi



Ravi Vaishnav

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