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**NEW DELHI**

*So remember to look up at the stars and not down at your feet. Try to make sense of what you see and wonder about what makes a universe exist.*

*Be Curious*

*And however difficult life may seem there is always something you can do and succeed at it matters that you don't just give up.*

*Stephen Hawking*

MECHANICAL ENGINEERING TAKES IN ALL BUILT STRUCTURES AND MOVING PARTS ASSOCIATED WITH HYPERLOOP TECHNOLOGY, WHICH INCLUDES AUTOMATION AND ROBOTICS, INSTRUMENTS FOR SCIENTIFIC MISSIONS AS WELL AS ASSESSING THE EFFECTS OF THE VACCUM GENERATION AND MAGNETIC LEVIATION ON MATERIALS.

**INDIA**

*in*

*hypersonic*

**MECHANICAL**  
*Engineering*

The Hyperloop concept as it is widely known was proposed by billionaire industrialist Elon Musk, CEO of the aerospace firm SpaceX and the guy behind Tesla (as well as, in the last year, a number of public gaffes). It's a reaction to the California High-Speed Rail System currently under development, a bullet train Musk feels is lackluster (and which, it is alleged, will be one of the most expensive and slow-moving in the world).

Conventional means of transportation (road, water, air, and rail) tend to be some mix of expensive, slow, and environmentally harmful. Road travel is particularly problematic, given carbon emissions and the fluctuating price of oil. As the environmental dangers of energy consumption continue to worsen, mass transit will be crucial in the

in the years to come. Virgin Hyperloop One has been in discussions with the Maharashtra state government for the Mumbai-Pune hyperloop corridor since 2017 for the project that aims to reduce travel time between Mumbai and Pune to 25 minutes. The state government has deemed hyperloop a public infrastructure project and approved the Virgin Hyperloop One-DP World (VH-DPW) Consortium as the Original Project Proponent (OPP), the company said.

Virgin Hyperloop One also signed an MoU with the Bangalore International Airport to conduct a feasibility test on whether the Bengaluru city centre can be connected to the Kempegowda International airport, potentially bringing the travel time to 10 minutes. The company is also working with Punjab Government to explore a hyperloop corridor between Amritsar and Chandigarh.

*Department of Mechanical Engineering*

*The*

**NEWSLETTER** *Issue*

*August to December 2019*

Source - Business Today & ME Magazine Digital

**M E C H A N I C A L E N G I N E E R I N G**

# **DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT**

## **VISION**

To produce globally competent and socially responsible technocrats and entrepreneurs who can develop innovative solutions to meet the challenges of 21st century.

## **MISSION**

**M1.** To Provide Value-Based Education through Multi Grade Teaching Methodologies and Modern Education Facilities.

**M2.** To Sustain an Active Partnership Program with Industry and Other Academic Institutes with an Aim to Promote Knowledge and Resource Sharing.

**M3.** To Conduct Value-Added Training Programme to Enhance Employability.

**M4.** To Provide a Conducive Environment for Development of Ethical and Socially Responsible Technocrats, Managers and Entrepreneurs.

# **DEPARTMENT OF MECHANICAL ENGINEERING**

## **VISION**

To produce competent mechanical engineers having distinct employability skills, involving innovative ideas to fulfill societal needs.

## **MISSION**

**M1.** To provide resourceful education through training and skill upgradation.

**M2.** To inspire the young dynamic minds towards innovation and research to meet the societal needs and responsibilities.

**M3.** To strengthen the industry-academia interface for better employability.

## **PROGRAM EDUCATIONAL OBJECTIVES (PEOS)**

**PEO1.** Graduates shall excel in their career through participation in multidisciplinary fields.

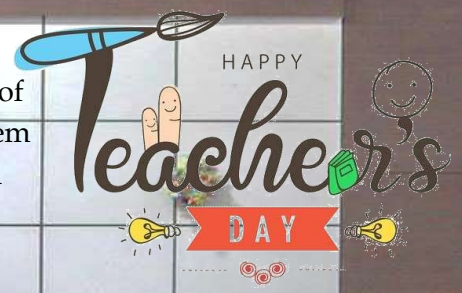
**PEO2.** Graduates shall develop cost effective innovative technologies and methodologies to solve engineering problems and contribute to sustainable development.

**PEO3.** Graduates shall have a successful career in academia, industries or as an entrepreneur to serve societal needs.



HAPPY TEACHER'S DAY

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the community in general.



Let's Dandiya

Social/cultural activities not only help students to identify themselves with the college, but also assist students to develop themselves in a desired field and also improve skills such as organizational, presentation, leadership and interpersonal communication.



a scribble ISN'T A SCRIBBLE...

The very purpose of Freshers Day party is to welcome newcomers in a friendly atmosphere and avoid social evils, to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college.

Freshers' DAY

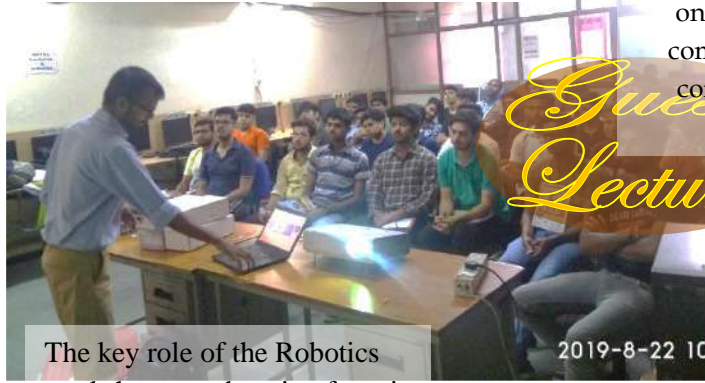
THERE IS A TIME AND PLACE FOR EVERYTHING THAT IS COLLEGE



FRESHERS 2019

Fresher's Day

# Workshop



The key role of the Robotics workshop on education front is to make students aware from the latest robotic technologies used in the manufacturing industries and to give those proper resources and approach to pursue carrier in this domain.

# Guest Lecture

The key role of guest lecture on centralization of Robotics in Automobile Sector is to make students aware about recent innovations in Industries on the grounds of Robotics, CNC Machines & Welding which gave the companies and Industries the standardization it needed for innovation, commercial growth, quality production and comprehensive efficiency.



2019-8-22 10

The Carrier Counselling Session was concentrated on providing information to students and giving relevant answers to their queries regarding various competitive examinations like GATE, IES, ESE, IAS and how they can prepare for such examinations considering their relevant Engineering background.

# Carrier Counselling



REDMI NOTE 6 PRO MI DUAL CAMERA

The purpose of One day Program titled 'Preparing Students for Job Interviews' through ICT - NITTR Chandigarh is to make Third year and final year students of our institution immensely benefited by various inputs, viz., 'Writing Job Resumes', 'Communication Skills', 'Group Discussion' and 'Appearing in Interviews'.



# Robotics Workshop

The purpose of the workshop on Generalization of National Standards was to make students familiar with actual working domain of Bureau Of Indian Standards and various standard benchmarks on which they give grades & certification to industries, products and services.



# Training Session

InFocus

## GGSIU Inter College Major Project Competition 2019

First Position – Mechanical Engineering Department

Project Title - Brake pedal operated hydraulic jack inbuilt in a four wheeler.



**Rahul Jain**

Represented college in the QMUN conference 2019 in the portfolio of country Chile in the UNCSW. The society organising the MUN was ADGITM'S QUINTESENCE; the conference was headed by Miss Karishma Kharbanda. Represented Self in TDMUN conference with the portfolio to country New Zealand in the UNHRC. Delhi University organised the MUN and the conference was headed by Mr. Anuj Gandhi.



*Pardeep Sharma*

He participated and won medal in Inter College Cross Country Race, represented GSIPU at All India Inter University Cross Country Championship held by Mangalore University In Manglore,

IT'S NOT ABOUT  
PERFECTION.

*It's about  
EFFORT*

*And when you bring that  
effort every single day,  
that's where*

TRANSFORMATION  
HAPPENS.

*That's how  
CHANGE  
OCCURS.*

# Congratulations

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