

SHARDA SCHOOL OF ENGINEERING & TECHNOLOGY

# YANTRIKI



SHARDA  
UNIVERSITY  
*Beyond Boundaries*



NEWSLETTER

ISSUE: JANUARY TO JUNE 2023

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SHARDA SCHOOL OF ENGINEERING & TECHNOLOGY

Department of Mechanical Engineering





## Vision & Mission of the Department of Mechanical Engineering

### VISION ►

To be a centre of learning for preparing professional mechanical engineers, having passion for innovation, entrepreneurship and research, to provide a sustainable solution to the needs of the society.

### MISSION ►

M1: To offer a curriculum that prepares students with knowledge, skills and ethical values for exploring professional practices.

M2: To train students in to global leaders through industry driven and research oriented teaching- learning pedagogy.

M3: To groom students into competent professionals and entrepreneurs, who are sensitive to the issues of environment, energy, and emergent needs of the society.

M4: To equip students with necessary skills to contribute innovatively in creating knowledge through higher learning.

## Training on analysis of automobile using ANSYS

Dr. Vineet Kumar conducted training on analysis of automobile using ANSYS for students SAE on 6th Jan, 2023.



## Industrial Visit

Department of Mechanical Engineering, SSET organized an Industrial Visit of students to Mother Dairy Plant, Patparganj, New Delhi on 2nd March 2023. Mother Dairy Plant, located at Patparganj, New Delhi, is one of the largest liquid milk Plant in Asia. Mother Dairy sells milk and milk products (Milk, cultured products, Ice creams, Paneer and Ghee) at a national level through its sales and distribution networks for marketing food items. Dr. Akanksha Mishra & Ms. Saigeeta accompany the students.





## Auto Expo- The Motor Show 2023

The world is going electric! Mechanical Engineering students too have joined the electric movement. The Electron V1.0 bike is unique in the way that it comes equipped with regenerative braking, a top speed of 80 kmph & a 120 km range. The bike was presented at Auto Expo - The Motor Show 2023. The bike was covered by renowned media houses and it was praised by the giants of the industry.



## Expert Talk on “The future of Digital Healthcare”

Department of Mechanical Engineering organized an Expert Talk on “The future of Digital Healthcare” on 23rd Feb, 2023 by Prof. Jim McLaughlin, Professor of Advance Functional Materials, School of Engineering, Research Director (Engineering), University of Ulster, United Kingdom. In order to aware the students how evolving technology will affect the future of digital healthcare. This will also help the students to have an opportunity to gain first-hand knowledge of studying abroad, know about the new age courses and careers in science and technology.



## Hands-on Training programme

The Department of Mechanical Engineering organized a Hands-on Training programme on Computer Aided Design using AutoCAD from 10th to 17th April 2023. This event is focused on hands-on training on AutoCAD to be conducted for the faculties and staff which will evaluate their skills in computer aided Design. Dr. Vineet Kumar & Ms. Saigeeta Priyadarshini co-ordinated this event.



## Tree Plantation Drive

Department of Mechanical Engineering, Sharda School of Engineering & Technology organized a TREE PLANTATION DRIVE on 21st April 2023. The objective of the program is to create awareness among the students regarding the importance of ecology and mother nature. Dr. Vineet Kumar, Dr. Sudesh Kumar, Dr. Lavish Kumar Singh were the coordinators.



## Inter College Engagement Program “Confederation of Indian Industry (CII) -Majestic Skill Will Lead”

The **Department of Mechanical Engineering, Sharda School of Engineering & Technology**, organized an inter college engagement program "**Confederation of Indian Industry (CII) - Majestic Skill Will Lead**". The participating colleges were KIET Ghaziabad, AKGEC Ghaziabad, IMS Ghaziabad, GLBITM Greater Noida and Sharda University. The objective of the event is to provide exposure to the students and make them ready with pertinent knowledge and skills required to get started with the Industry. Dr. Akanksha Mishra, Ms. Saigeeta Priyadarshini & Dr. Lavish Kumar Singh coordinated this event.

Team of Ntumba Nankwaya Zacharie, Dev Sparsh Sangwan, Kanishak Kashyap, Ayush Pandey won 1st prize in CII Majestic Skill Will Lead at GLBITM, Greater Noida on 25th April 2023.

Tankoano Youmanli Registre Thomas, Manasa S, Zabre Patoulyele Fulgence, Sumek Nayan Jha won 3rd prize in CII Majestic Skill Will Lead at Sharda University, Greater Noida on 25th April, 2023.





## Department of Mechanical Engineering

### Expert Talk on Scope of Refrigeration & Air-Conditioning

**The Department of Mechanical Engineering**, Sharda School of Engineering & Technology (SSET) organized an expert talk on 'Scope of Refrigeration & Air-Conditioning in India and various Benefits of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Student Membership by Dr. Rajinder Singh, Mentor, ASHRAE India Chapter & Mr. Abhishek Jain, Chair ASHRAE Student Activities on **20th April, 2023**. This event is to facilitate the students with latest trends in refrigeration & the benefits of ASHRAE membership which will help in the technical skill enhancement of students. Dr. Akanksha Mishra was the coordinator for this event.



### One Day Workshop on Advance Manufacturing Technologies

Department of Mechanical Engineering, Sharda School of Engineering & Technology organized visit to Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad for One Day Workshop on Advance Manufacturing Technologies for second year and third year mechanical engineering students on 26th April 2023. Student learnt Advance manufacturing technologies and reverse engineering concepts

Hands on session on : CNCTurning and CNC Milling Machine | Robot assisted 7 axis milling machine | Cylindrical Grinding Machine | Coordinate Measuring Machine | Surface Roughness Machine | Contour Measuring Machine | 3D Scanner. Dr. Himanshu Payal coordinated this event.





## Department of Mechanical Engineering

### One Day Hands-on Workshop on Two-Wheeler Preventive Maintenance & Trouble Shooting

Department of Mechanical Engineering organized an One Day Hands-on Workshop on Two-Wheeler Preventive Maintenance & Trouble Shooting on 29th April 2023. The program aims to inculcate knowledge in Polytechnic and Bachelor's students of Two-Wheeler preventive Maintenance & Trouble Shooting. Dr. Vineet Kumar, Dr. Sudesh Kumar, Dr. Lavish Kumar Singh were the coordinators.



### Webinar on 3D EXPERIENCE & AAKRUTI 2023 by DASSAULT SYSTEMS

- The Department of Mechanical Engineering, Sharda School of Engineering & Technology (SSET) organized a Webinar on 3D EXPERIENCE & AAKRUTI 2023 by DASSAULT SYSTEMS on 5th June, 2023. Mr. Prateek Kumar was the speaker of the event. The objective of the webinar is to create awareness of 3D EXPERIENCE among students & motivate the students to participate in AAKRUTI 2023 which is 13th edition of nationwide Product Design contest for students in India, sponsored and organized by Dassault Systems.

**AAKRUTI 2023** (A Nationwide Product Design Contest)

- Running successfully since 2011 with different themes each year
- Increasing our reach to more colleges each year.
- Became a Brand in itself & every year students / professors look forward to AAKRUTI.

Calling all Engineering, Design, Architecture, Management & Social Sciences Students!  
Here's your chance to compete with the best.  
**Are you game?**

Live Transcription (Closed Captioning) has been enabled  
Who can see this transcript?

SOLIDWORKS



## Farewell of Honourable Prof. Vijay Gupta

Department of Mechanical Engineering bid farewell to Honourable Prof. Vijay Gupta, on 12th June. 2023. Prof. Gupta has always been a pillar of strength and a guiding figure for the department. One quality of Prof always amazes us is that in spite of spending numerous decades in the teaching field, he is still a student at heart. He joyfully takes up new courses and prepares them sincerely. We will certainly miss Prof's key insights and meticulous inputs during the BoS and at several key meetings. His charismatic aura, magnanimous personality and clarity of thought were more than enough to stamp his presence. As famously said that "with every ending, begins a new beginning" and we are certain that Prof. still has a lot of fuel left and has a lot to offer to society.





**POETRY BY STUDENT**

**Happiness**



**Tausif Wajid**

**System Id: 2019006738**

You tried finding happiness in and out  
You blamed God and screamed out loud....  
Not realizing that the happiness was around you  
This is what was noticed by a few....  
Happiness was there when you suddenly found vacant seat in  
crowded bus  
Happiness was there when mouth-watering dishes were ready  
after your work....  
Happiness was there when you get unexpected little surprises  
Happiness was there when there was sun-shine after days of  
rain...  
Happiness was there when you got time to rest after busy week  
Happiness was there within you which you never need to  
seek...  
Happiness was free but you made it expensive trading with  
materialistic things, comparisons and show offs...

**YOU is this GENERATION and YOU is US...**





## **EDITORIAL TEAM MEMBERS**

**Dr. Akanksha Mishra**

SUSET, Assistant Professor, ME Department

**Dr. Lavish K. Singh**

SUSET, Assistant Professor, ME Department

**Mr. Pratik Prakash Pandit**

Student, ME Department

**Mr. Ayush Pandey**

Student, ME Department