



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY

(UGC Approved University)

GURGAON, Delhi-NCR

Faculty of Engineering & Technology

“Mechanical Engineering is Here to Stay”

Type of event: Expert Talk

Date: 27/09/2021

Time: 10:30 A.M.-12:00 P.M.

Venue: Cisco Webex, Online mode

Organizer: Department of Mechanical Engineering, FEAT-SGT University.

Objective : The main objective of the Expert talk is to aware the students about the importance of Mechanical Engineering and the role of Artificial Intelligence in future growth.

About the Speakers/Guests:

- **Dr. S.K. Deshpande, Former Scientist, Department of Scientific and Industrial Research (DSIR)**
- **Prof. Snehasis Ghosal, Ex. Chief General Manger, Rico Auto Industries Limited & Yamaha Motors India Pvt. Ltd.**
- **Mr. Sunny Pathak, Co-Founder, Samatrix Consulting Pvt. Ltd.**

Audience: 37 students and faculty members from FEAT-SGT University.

1. ABHISHEK BHARDWAJ
2. UMA SHANKAR

3. LAKSHAY
4. ABHISHEK
5. SHIVAM
6. SARTHAK TANWAR
7. SAVITA
8. SUBHAM KUMAR SINGH
9. MRIDUL KHANNA
- 10.KARTIK BHARDWAJ
- 11.ANKIT ROY
- 12.AKASH KUMAR
- 13.HEMANT SINGH
- 14.DEVANSHI RAWAT
- 15.ANKIT
- 16.DHEERAJ
- 17.SHUBHAM
- 18.CHITURAJ OINAM
- 19.SOHIL KHAN
- 20.NITIN YADAV
- 21.VARUN SINGH
- 22.ATUL
- 23.VIDHI SHARMA
- 24.SIDDHANT SHARMA
- 25.NISHANT KUMAR
- 26.ZINSHU KUMAR
- 27.TUSHAR SHARMA
- 28.NITESH KUMAR
- 29.MANU
- 30.VARUN SHARMA
- 31.MOHIT KUMAR
- 32.YATIN ARORA
- 33.ADITYA SHRIVASTAV
- 34.GAURAV KUMAR
- 35.KARAN SINGH SAMBYAL
- 36.AMAN JANGRA
- 37.VANSH GURAWALIA

A handwritten signature in black ink, appearing to read 'Reem', with a long horizontal line drawn underneath it.

Brief Report:

At SGT University, Faculty of Engineering and Technology, we organized a webinar on “Mechanical Engineering is Here to Stay”. The expert talk was delivered by Dr. S.K. Deshpande, Former Scientist, Department of Scientific and Industrial Research (DSIR), and Prof. Snehasis Ghosal, Ex. Chief General Manager, Rico Auto Industries Limited & Yamaha Motors India Pvt. Ltd.

The lecture was started with the welcome note delivered by Dr. Rajneesh Wadhwa, Director-Industry Academia Partnership, SGT University. He welcomed the Expert Speakers and the audience. He emphasizes the use of new technologies integrating with the Mechanical Engineering.

Mr. Sunny Pathak delivered the opening lecture. He demonstrated the role of Artificial Intelligence in Mechanical Engineering with the help of Auto Driving Car.

Dr. S.K. Deshpande addressed the scope of Mechanical Engineering in the future with the help of automation and digital manufacturing. He also demonstrated the smart materials and the future electric vehicles in the world in the coming years.

Prof. Snehasis Ghosal shared his experience of the auto industries and compared the technologies used in industry 1.0 and 4.0. He also suggested the transformation of technologies in the industry 5.0.

The poster is for a virtual open house event. It features the SGT University logo at the top left. The main title is "MECHANICAL ENGINEERING IS HERE TO STAY" in large blue letters. Below it, a list of topics includes Electric Vehicle, Mechatronics, Robotics, Computer Enabled Manufacturing, Artificial Intelligence & Machine Learning, and 3D Printing. Registration details are provided at the bottom left, including a link, password, and date. On the right side, there is a blue vertical banner titled "Industry & Academia Experts:" which lists four speakers with their photos and titles: Dr. S. K. Deshpande (Former Scientist, DSIR), Prof. Snehasis Ghosal (Ex. Chief General Manager, Rico Auto industries Ltd & Yamaha Motors India Pvt. Ltd.), Sunny Pathak (Co-Founder, Samatrix Consulting Pvt Ltd), and Mr. Rajneesh Wadhwa (Director- Industry Academia Partnership, SGT University).

SGT UNIVERSITY

DEPARTMENT OF MECHANICAL ENGINEERING
Faculty of Engineering & Technology
is organising a

Virtual Open House
on

MECHANICAL ENGINEERING IS HERE TO STAY

- Electric Vehicle • Mechatronics • Robotics
- Computer Enabled Manufacturing
- Artificial Intelligence & Machine Learning
- 3D Printing

Join through: <https://bit.ly/3kvzqzp> Registration Link: <https://bit.ly/3nXeT92>
Password: 1234

27th September 2021 | 10:30 AM

Industry & Academia Experts:

Dr. S. K. Deshpande
Former Scientist
DSIR

Prof. Snehasis Ghosal
Ex. Chief General Manager
Rico Auto industries Ltd &
Yamaha Motors India Pvt. Ltd.

Sunny Pathak
Co-Founder
Samatrix Consulting Pvt Ltd

Mr. Rajneesh Wadhwa
Director- Industry
Academia Partnership
SGT University

Learning Outcome:

In this lecture the students learned the growth of technologies in the industry from industry 1.0 to 4.0. They also realized the importance of digital manufacturing in the future of the industry.

They can imagine the future scope of the Mechanical Engineering with the integration of soft computing and Artificial Intelligence. It become at most important for the Mechanical Engineers that they must have to learn the computer-based technologies in order to meet the future demand and quality standards of industrial goods.

Shortcomings: (i) Less Audience

Virtual Open House on “Mechanical Engineering is Hear to Stay”

DATE 27/09/2021

Attendance Data

Timings 10:30 A.M. - 12:00 P.M.

