



# SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY

(UGC Approved University)

GURGAON, Delhi-NCR

**Faculty of Engineering & Technology**

**“New Age – Mechanical Engineering”**

**Type of event: Expert Talk**

**Date: 21/09/2021**

**Time: 11:30 A.M.-01:00 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 based technologies extended by intelligent functions through embedded AI solutions.

**About the Speakers/Guests:**

- **Dr. S.K. Deshpande, Former Scientist, Department of Scientific and Industrial Research (DSIR)**
- **Dr. Sumer Singh, Professor, Department of Design, IIT Delhi**

**Audience:** 35 students and faculty members from FEAT-SGT University.

1. TARUN KUMAR
2. HIMANSHU
3. KUNAL KAUSHIK
4. HIMANSHU

5. NAVEEN KUMAR DARIA
6. HIMANSHU MALIK
7. TANUSHREE MOHANTY
8. SARTHAK
9. DRISHTI
10. VARUN SINGH
11. ATUL
12. VIDHI SHARMA
13. SIDDHANT SHARMA
14. NISHANT KUMAR
15. ZINSHU KUMAR
16. TUSHAR SHARMA
17. NITESH KUMAR
18. MANU
19. VARUN SHARMA
20. MOHIT KUMAR
21. YATIN ARORA
22. ADITYA SHRIVASTAV
23. GAURAV KUMAR
24. KARAN SINGH SAMBYAL
25. AMAN JANGRA
26. VANSI GURAWALIA
27. AMAN YADAV
28. ABHISHEK SANGWAN
29. SAKSHI
30. ROHIN VENGATESH
31. KOSHISH
32. NITIN SINGH
33. SAGAR DABAS
34. SAKET KUMAR
35. PRIYANSHU

A handwritten signature in black ink, appearing to read 'Reem', with a long horizontal line extending from the bottom right of the signature.

**Brief Report:**

At SGT University, Faculty of Engineering and Technology, we organized a webinar on “New Age – Mechanical Engineering”. The expert talk was delivered • Dr.

S.K. Deshpande, Former Scientist, Department of Scientific and Industrial Research (DSIR) and Dr. Sumer Singh, Professor, Department of Design, IIT Delhi on 21<sup>st</sup> September 2021.

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 has also introduced the webinar topic and its importance for the future engineers.

Dr. S.K. Deshpande delivered the opening lecture and described the importance of Mechanical Engineering with conjunction of Artificial Intelligence in the industry 4.0. He has also motivated the students and addressed the scope of Mechanical Engineering in the future.

In continuation of this subject, Dr. Sumer Singh suggested the scope of research and innovation in the field of Mechanical Engineering with the collaboration of IoT. Further, He has also Explained the new technologies being used as an easy alternate of gas stoves for the heating purpose where there the availability of cooking gas is nearly impossible i.e. bus, train, mountains etc.

**SGT UNIVERSITY**

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

**Virtual Open House**  
*on*

**NEW AGE  
MECHANICAL ENGINEERING**

- Electric Vehicle ▪ Mechatronics ▪ Robotics
- Computer Enabled Manufacturing
- Artificial Intelligence & Machine Learning

Join through: <http://surl.li/aggah>

21<sup>st</sup> September 2021 | 11:30 AM

**Industry & Academia Experts:**

**Dr. S. K. Deshpande**  
Former Scientist  
DSIR

**Dr. Sumer Singh**  
Department of Design  
IIT Delhi

**Sunny Pathak**  
Co-Founder  
Samatrix Consulting Pvt Ltd

**Mr. Rajneesh Wadhwa**  
Director-Industry  
Academia Partnership  
SGT University

## Learning Outcome:

One of the key outcomes of this expert talk that we shouldn't stop thinking about improvements in the existing technology. The students received a great motivation and direction for building their career in the field of Mechanical Engineering with the contribution of soft computing and automation.

The audience have also experienced a few new technologies and innovation that contributed a lot for the benefit of society as well as environment. They realized the scope and importance of Mechanical Engineering in the future sustainable growth of industries. It can be concluded from the expert's point of view that future will be in the hand of Mechanical Engineers with the digital technologies.

**Shortcomings:** (i) Less Audience

## Virtual Open House on “New Age – Mechanical Engineering”

DATE 21/09/2021

Attendance Data

Timings 11:30 A.M. - 01:00 P.M.

