

A
Report on
Guest lecture on Advance Machining using Simulation
(29th January, 2024)

Organized by
Department of Mechanical Engineering
Rao Pahlad Singh College of Engineering and Technology,
Balana, Mahendergarh



Rao Pahlad Singh Group of Institutions
Mahendergarh

Background:

The Mechanical Engineering Department of Rao Pahlad Singh College of Engineering and Technology, Balana, Mahendergarh organized an guest lecture on Advance Machining using Simulation on Jan 29, 2024. The guest lecture was conducted through Zoom meeting application.

Objectives:

The objectives of this guest lecture were as follows:

1. The main objective was to impart greater awareness about the practical application of manufacturing process through CNC Milling and CNC Turning machine.
2. Make students aware of the importance of simulation in advance machining.
3. Make them understand that how to run the part programme using G and M codes.

Participants:

It was attended by 33 students from Mechanical Engineering Department.

Brief of the Program:

The guest lecture was held on January 29th 2024, Monday, at 02.00PM to 04.00PM. Dr. R.S. Yadav Dean Academic affair, Rao Pahlad Singh College of Engineering and Technology started the session with a warm welcome from all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Dr. Sanjay Kumar, MSI, Mechanical, SVSU, Palwal.

He started by defining the advanced CNC machining using simulation and gave a clear idea about the same. He mentioned all the essential factors related to manufacturing process. Then in detail, he covers up the terms simulation, unconventional machining and part programme.

Further, with the help of G and M codes, how to make a part programme for machining operation.

The entire session was full of good practical examples and was very interactive. The guest speaker ended with a question and answer session in which students get their doubts solved. At the end Mr. Manish Kaushik, Head of Mechanical Engineering Department, RPSCET, thanked our keynote speaker for delivering the guest lecture on the topic of great interest for all.

Feedback from the Participants:

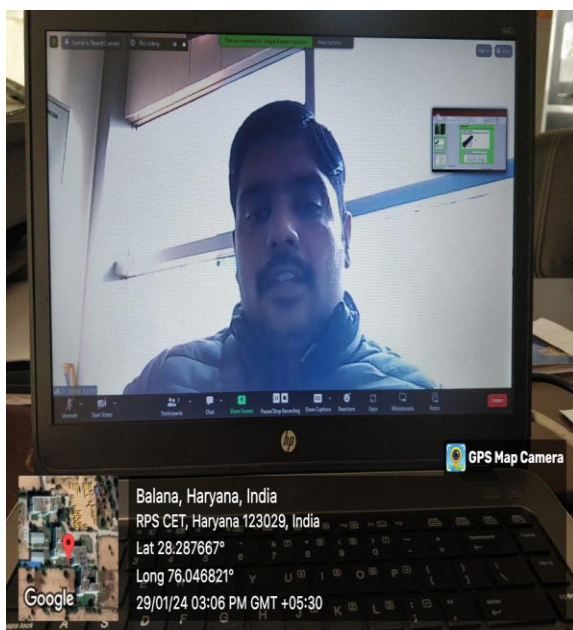
A feedback from the students was taken, the participants were thankful to the Dr. Sanjay Kumar, MSI, Mechanical, SVSU, Palwal. And also thanks to Dr. R.S. Yadav Dean Academic

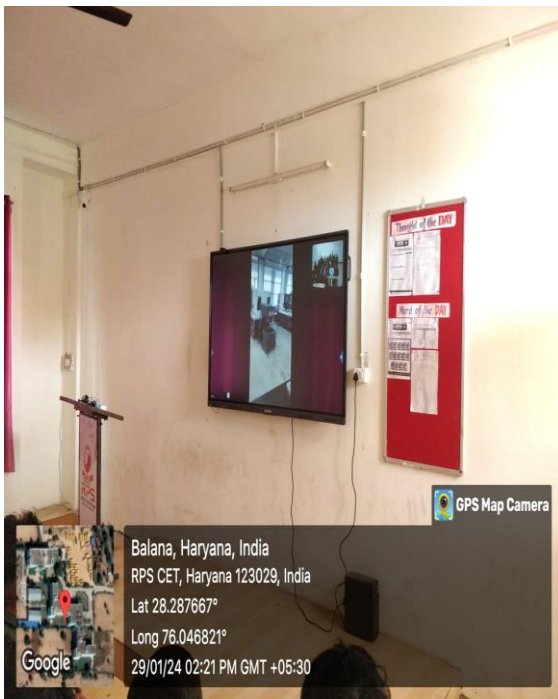
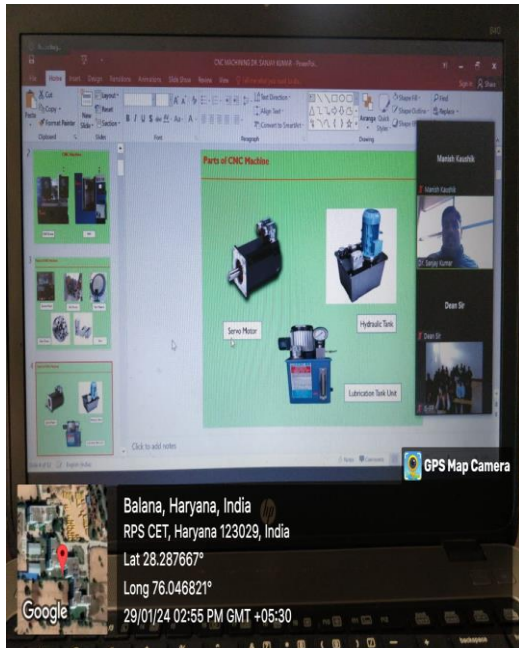
affair, and Mr. Manish Kaushik, Head of Mechanical Engineering Department, Rao Pahlad Singh College of Engineering and Technology, Balana, Mahendergarh for conducting this guest lecture.

Banner:



Glimpse of Session:





Resource Persons:

Dr. Sanjay Kumar, MSI, Mechanical, Shri Vishwakarma Skill University, Palwal.

Coordinator:

Mr. Sumit, Asst. Professor, Department of Mechanical Engineering

Mr. Manish Kaushik, Head of Mechanical Engineering Department,

Rao Pahlad Singh College of Engineering and Technology, Balana, Mahendergarh