Department of Mechanical Engineering

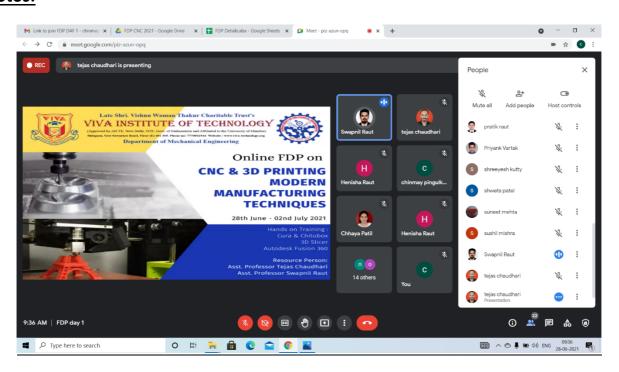|	
Topic Name:	CNC & 3DP: Modern Manufacturing Techniques
Name of the Guest Speaker:	Mr. Tejas Chaudhari & Mr. Swapnil Raut
Designation:	Asst. Professor
Organization/Institution:	VIVA Institute of Technology
Date:	28th June - 2nd July 2021
Time:	09.30 am to 4.30 pm

Programme Summary/Details:

Department of Mechanical Engineering of VIVA Institute of Technology, Virar organized an FDP on "CNC & 3DP: Modern Manufacturing Techniques" from 28th June-2nd July 2021. The FDP was conducted by Mr. Tejas Chaudhari & Mr. Swapnil Raut, Asst. Professor, VIVA Institute of Technology. Mr. Tejas Chaudhari has completed his B.E. in Mechanical Engineering and M.E. in Manufacturing Systems Engineering and has teaching experience of 8 years. He has completed certification in design software's such as AutoCAD & Solidworks and has skills in Festo Fluid Sim, Cura, Chitubox, Fusion 360 & 3D Slicer. Mr. Swapnil Raut has completed his B.E. in Mechanical Engineering and M.E. in Manufacturing Systems Engineering and has teaching experience of 8 years. His core skills are into Mechanical Design and Manufacturing. He has knowledge in software's like AutoCAD, Solid works, Autodesk Fusion 360 and has completed certification in software's such as Catia, Ansys and GD & T.

There were 21 faculties attending the online FDP. Hands on training was conducted on design software's such as Chitubox, Ultimaker Cura, 3D Slicer and Autodesk Fusion 360. These software's were used to design various mechanical components which can be developed by using 3D printing technology a modern manufacturing technique. These software's provide control over printing settings while keeping a simple interface that's easy to use. By using software like Fusion 360 we can create 3D designs, collaborate, manage data and run simulations to validate our designs. This helped faculties to understand and learn new software's which could be used for 3D printing technology and also in medical science

Photos:

Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

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