



Late Shri. Vishnu Waman Thakur Charitable Trust's

## VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai  
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

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### Department of Mechanical Engineering

<b>Guest Lecture:</b>	Rapid Prototyping
<b>Name of the Guest Speaker:</b>	Ms. Usha shaikh
<b>Designation:</b>	Trainer
<b>Organization/Institution:</b>	Solid Vision
<b>Date:</b>	10/10/2019
<b>Time:</b>	10.00 am Onwards

### Programme Summary/Details:

The Department of Mechanical Engineering at Viva Institute of Technology in Virar organized a guest lecture for the BE and TE students. The speaker commenced the lecture by providing a fundamental understanding of rapid prototyping. She explained that it involves a collection of techniques used to quickly create a scaled model of a physical part or assembly, utilizing three-dimensional computer-aided design (CAD) data. During the session, the speaker demonstrated various 3D printing methods and different approaches to rapid prototyping, such as Stereo lithography (SLA) or Vat Photo polymerization, Selective Laser Sintering (SLS), Fused Deposition Modeling (FDM) or Material Jetting, Selective Laser Melting (SLM) or Powder Bed Fusion, and Laminated Object Manufacturing (LOM) or Sheet Lamination. The speaker expressed her appreciation for being part of such an informative and beneficial session. She believed that further sessions of similar nature would undoubtedly transform the way people work, shifting from hard work to smart work. The lecture concluded with a vote of thanks.

### Photos:

