A CEP Workshop on

3D PRINTING
(A Disruptive Technology of This Era)

Dates: August 26-27, 2019 (Mon & Tue)
Venue: Victor Menezes Convention Centre IIT Bombay
Introduction

3D printing launched in 1987 changed the sign of manufacturing from (-) to (+). As Nature creates through addition, 3D printing too inherits its advantages like extreme geometric complexities (direct assemblies, nonlinear ducts and custom solutions), gradient matrix and minimal wastage. Rapid Prototyping (RP) achieved through total automation of this Additive Manufacturing (AM) approach drastically compresses the product development cycle. Due to its unique geometric and matrix capabilities, 3D printing has heralded new paradigms in design thus becoming one of the most disruptive technologies of this era along side CAD, Reverse Engineering and Internet. Rapid Manufacturing (RM) is its synergic integration with the allied pre-/in-situ/post-processes.

Any Geometry and Matrix Can Be 3D Printed!
Course Content

Day 1 – 3D Printing

• Introduction
• Popular processes
• Reverse Engineering
• CAE for 3D printing

Day 2 - Rapid Manufacturing (RM)

• RM of polymeric and ceramic objects
• RM of metallic objects – Direct routes
• RM of metallic objects – Indirect routes
• Hybrid Manufacturing
Registration Fee

Private industries : Rs. 20,000
Govt. organizations : Rs. 15,000
Academia : Rs. 10,000

The fee includes all taxes.

Payment Details

Only online payment will be accepted through the following portal:

https://portal.iitb.ac.in/ceqipapp

Course Coordinator

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