A CEP Workshop on

PRINTING OF METALS

February 20-21, 2020 (Thu & Fri)
Venue: Victor Menezes Convention Centre, IIT Bombay
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 alongside CAD, Reverse Engineering and Internet. Rapid Manufacturing (RM) is its synergic integration with the allied pre-/in-situ/post-processes.

Direct Assemblies

Non Linear Duct

Custom Solution

Light Weighting
Course Content

Day 1 – 3D Printing
- Introduction
- Popular processes
- Motion Control for AM
- 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 organizations : Rs. 20,000
Govt. organizations : Rs. 15,000
Academia-Employees : Rs. 10,000
Academia-Students : Rs. 5,000

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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