

Fundamentals of Materials Manufacturing Processes and their Applications

6-10 May 2019

Registration:

8.30 - 9.15 AM PBCCE, Visitor's Hostel, IIT Kanpur

Inauguration:

9.15-9.30 AM Inaugural Address by Head, MSE Department

Technical Program

DAY /TIME	9.30-11.00 AM	11.00-11.30 AM	11.30-1:00 AM	13.00-14.00 PM	14.00-17.00 PM
Day 1	Introduction to Manufacturing Processes (Dr. A. Updhyaya)	T E A B R E A K	Materials Selection & Design (Dr. A. Updhyaya)	L U N C H B R E A K	Lab Module I Solidification Processing
Day2	Solidification Processing (Dr. A. Updhyaya)		Contd.		Lab Module II Joining Processes
Day 3	Joining processes: (Dr. A. Updhyaya)		Powder Metallurgy (Dr. A. Updhyaya)		Lab Module III & IV Powder Metallurgical Processing Bulk and Sheet Metal Forming
Day4	Micro fabrication Processes (Dr. A.P. Bajpai)		Flexible Electronics (Dr. M. Katiyar)		Lab Module V Micro fabrication Processes Materials Science Lab
Day 5	Select Case Studies (Dr. A. Upadhyaya)		ACMS Lab Visit (Head, ACMS)		Q&A Session (2.00-3.30 PM) Valedictory Function (3.30-5.00 PM) Feedback from Participants Certificate Presentation Farewell Tea

Lab Modules I to V will include practical demonstration followed by hands-on experiments