

Discipline of Metallurgy Engineering and Materials Science Indian Institute of Technology (IIT) Indore, 453552



Organizing
Six-day Online Short-Term Course on
“Fundamentals and Advances in Powder Metallurgy”
During 15th to 20th March 2021



Under Quality Improvement Program (QIP), AICTE

Objective of the Short-Term Course: This short-term course programs is designed to improve the knowledge of the faculty members, scientist, students in college/institutes, research organization as well as industry personnel in the field of Powder Metallurgy.



Overview of the Course Details: Powder Production Methods, Metal Powder Compaction Techniques, Advances in sintering techniques, Sintering Atmosphere, Analysis and Control, Sintering Furnaces, Secondary treatment of Powder, Basics and Advanced characterization of Metal Powder and compact product, Quality control, Application and Techno-Economics of Powder Metallurgy, Quality control of powder metallurgy materials and Products, Quality Control of Sintered Products - Some Case Studies, Application of Powder Metallurgy, Processing of Advanced Materials through Powder Metallurgy Route such as Amorphous Alloys, High Entropy Alloys, High temperature materials, Ceramic Materials, Nanocomposites, Porous powder and metallic foam, Development of biocompatible powder and its applications, Powder metallurgy processing through 3D printing etc.

Target Participants: Faculty members (AICTE approved college/Institutes) Faculty members (Other Institutes), Scientist, Researchers, Industries personnel, UG, PG, Students etc.

Registration Process: Interested participants need to submit an online registration form on given link:

<https://forms.gle/fPCLek7AgExS9gxKA>

Registration Fees: No registration fees for AICTE approved Institutes faculties only

Registration fees for other participants:- Rs 5000 for Industry Personnel, Rs 3000 for faculty/scientist, Rs 1000 (For students UG, PG, Ph.D.) You should send/Email the Payment receipt to the Course Coordinator

Online Mode of Payment: <http://www.iiti.ac.in/page/e-payments>, E Payments→4. Pay Through HDFC for other Payments→Select Registration Fees for Event and Proceed accordingly

OR Directly transfer in following account and Email the proof of payments to the course coordinators

Beneficiary Name: Registrar IIT Indore

Bank Name: Canara Bank

Branch: IIT Indore, Khandwa Road Simrol, Simrol, Indore 453552

Account Number: 1476101027440

IFSC Code: CNRB0006223

SWIFT Code/BIC: CNRBINBBISG

Last date of receipt of registration form: 10th March 2021

Date of Notification of Acceptance: 12th March 2021

Course Coordinators

Dr Ram Sajeewan Maurya, Assistant Professor

Dr Vinod Kumar, Assistant Professor & HoD

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