

State Level Poster Competition on Recent Advances in Materials Processing and Applications on 5th August 2022

Jointly Organized by

Department of Materials and Metallurgical Engineering, IITE, IU, Ahmedabad &
Department of Metallurgy, Government Engineering College, Gandhinagar

**Venue : Department of Materials and Metallurgical Engineering,
IITE, Indus University, Rancharda, Ahmedabad— 382115**

Topics to be covered

Materials

- Ferrous and Non-Ferrous Metals
- Polymer Materials
- Ceramics
- Composite Materials
- Nano Materials
- Biomaterials
- Energy Materials
- Smart Materials
- Futuristic Materials

Processing

- Casting
- Metal Joining
- Metal Forming
- Powder Metallurgy
- Surface Engineering
- Chemical/Electrochemical routes
- Conventional and Non-Conventional Processes
- Additive Manufacturing

Properties

- Mechanical Properties
- Metallurgical Properties
- Magnetic & Optical Properties
- Electronic & Electrical Properties
- Corrosion Resistance

Testing & Characterization

- Destructive Testing
- Non Destructive Testing
- Microscopy
- Spectroscopy
- Thermal Analysis

- This program is opt for undergraduate and postgraduate students of Automobile, Manufacturing, Mechanical, Metallurgy and Production engineering branches.
- Participations are welcome in individual or a team of maximum 3.
- Participants to ensure that poster size should by 120 X 90cm (4'x3').
- Certificates will be given to all participants and cash prize for the winners.
- **No registration fee, but registration is compulsory**

Chairmen

Dr. Ishbir Singh, Director, IITE, IU Ahmedabad
Dr. S.P. Dave, Principal, GEC Gandhinagar

Coordinators

Asst. Prof. Monil Salot, Dept. of MME, IITE, IU
Asst. Prof. S.I. Patel, Dept. of Metallurgy, GEC

Convenors

Dr. K. Santhy, Department of Materials and Metallurgical Engineering, IITE, IU.
Dr. I.B. Dave, Department of Metallurgy, GEC Gandhinagar.

**For Registration
Scan QR Code**



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