

SPONSORING AGENCIES



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CONTACT US



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SHORT TERM COURSE BROCHURE



A PREMIER GOVT. OF INDIA INSTITUTE FOR
HIGHER & TECHNICAL EDUCATION AND
RESEARCH IN THE FIELD OF POLYMER
SCIENCE & TECHNOLOGY

सत्यमेव जयते

COURSE COORDINATORS

PLASTICS PROCSSING / MAINTENENCE

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DESIGN / TOOL ROOM / CAD/CAM PROGRAMME

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SOCIAL MEDIA PRESENCE



And many more.....

SOCIAL MEDIA PRESENCE



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GOOGLE MAP

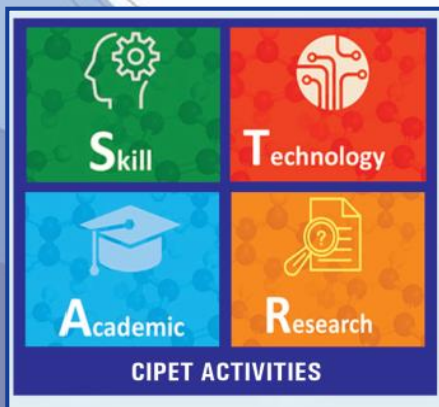
MAP TO REACH
CIPET, KORBA

ABOUT – CIPET:CSTS, KORBA

A CIPET unit was established in Korba, Chhattisgarh, in September 2018 by the governments of India and Chhattisgarh to provide skill development training and technical support to the plastics industry. Located at Education Hub, Syahimudi, Post - Gopalpur, the 18.2-acre campus offers long-term academic and skill development programs aimed at empowering unemployed and underemployed youth, including those from Scheduled Tribes, Scheduled Castes, and L.W.E. districts, to enhance their technical skills and promote self-employment.

OBJECTIVE

- Generate technical manpower for plastics processing and allied industries in Chhattisgarh.
- Develop skilled manpower for plastics and allied industries through short-term training programs in India and abroad.
- Conduct short-term programs to update technical knowledge, skills, and competency in the plastics industry.
- Organize Entrepreneur Development Programs (EDP) to promote entrepreneurship in plastics.
- Offer quality control, standardization, technical consultancy, and advisory services for enhancing techno-commercial competitiveness.
- Fabricate moulds, dyes, and process plastics products.



SKILL UPGRADATION TRAINING COURSES

A) PLASTICS PROCESSING

- Machine Maintenance using Hydraulics & Pneumatics
- Injection Moulding Technique & Trouble Shooting
- Plastics Product Manufacturing Techniques
- Blow Moulding Process & Applications

B) DESIGN / TOOL ROOM

- Machining Technique using Co2 Metal Laser Cutting
- Programming and Operations on CNC Lathe
- Programming and Operations on CNC Milling
- CAM Using Advance Manufacturing Technique
- Programing & Operation of Laser Engraving Machine

C) CAD/CAM PROGRAMME

- Creo /CATIA/Unigraphics with Auto CAD and Introduction of CNC Machines
- CAD Using CREO (Formerly Pro-E)
- CAD Using CATIA
- CAD Using UNIGRAPHICS (NX)
- CAD Using ANSYS
- CAM Using Master CAM/ UNIGRAPHICS (NX)
- CAD Using Feature CAM
- Programming and Operation on CNC-L
- Programming and Operation on CNC-M
- CAD Using AUTOCAD
- Product Validation using ANSYS
- Product Design Using Solid Works
- 3D Printing using CURA for product development

D) WEEKEND – SKILL UPGRADATION PROGRAMME

- Plastics Product Design and advantage of CAD/CAM & 3D Printing Techniques
- Part Programming in CNC machines using CAM Software
- Plastics Injection Moulding Techniques & Trouble Shooting
- Plastics Extrusion & Applications

PLACEMENT LINKED SKILL DEVELOPMENT TRAINING PROGRAMME

A) PLASTICS PROCESSING

- Machine Operator - Plastics Processing (MO-PP)
- Machine Operator – Plastics Extrusion (MO-PE)
- Machine Operator – Injection Moulding (MO-IM)
- Machine Operator – Blow Moulding (MO-BM)

B) DESIGN / TOOL ROOM

- Machine Operator CNC Lathe
- Machine Operator – CNC Milling

CAMPUS FACILITIES

- | | |
|---------------------------------------|----------------------------|
| • Plastics Testing Laboratory | • Library |
| • Plastics Processing Laboratory | • Conference Hall |
| • Tool Room & Workshop | • Seminar Hall |
| • CAD / CAM / CAE Laboratory | • Video Conference Room |
| • Computer Engineering Laboratory | • Wi-Fi Campus |
| • Physics Laboratory | • Playground |
| • Chemistry / Chemical Laboratory | • Entertainment Hall |
| • Electrical & Electronics Laboratory | • Canteen / Cafeteria |
| • Language Laboratory | • Boys Hostel |
| • Maintenance Laboratory | • Girls Hostel |
| | • First Aid / Medical Room |



Scan this QR code to know more about CIPET Korba facilities and enjoy a 360° video tour.