

CIPET:CSTS Murthal

ANNUAL CALENDAR for

Short Term Courses

2019 – 2020

For further details

please contact

THE PRINCIPAL DIRECTOR & HEAD,

CIPET, CSTS

MURTHAL, SONEPAT – 131039

HARYANA.

Tel No. 0130-2203000

VTC –INCHARGE 9466146015

Email: cipetmurthal@gmail.com

cipetmurthalvtc@gmail.com

Website: www.cipet.gov.in

Course Code	TR-5	T-3	P-2	T-4	P-1	C-7	P9	TR-6	TR-10	C-8
Month & Year	May, 2019	June, 2019	July, 2019	Aug., 2019	Sept., 2019	Oct., 2019	Nov., 2019	Dec., 2019	Jan., 2020	Feb., 2020

PROCESSING

1. PLASTICS PROCESSING TECHNOLOGY
(Code : P-1)

Period/Duration: Sept.-2019 (Two Days)

Course Fee: Rs.3,000/- Target: 20 Nos

Course Co-ordinator : Mr. Prit Paul Singh

Mobile No: 9466146010

Contents:

Processing overview - Plastics Materials & its Application –Types of Moulding Process - Various Processing techniques- Effect of Polymer Property on Process Techniques - Process variables & its effects, Trouble Shooting - Mould and Product Design - Processing Practical on Injection Moulding.

TESTING

3. IDENTIFICATION OF PLASTICS MATERIALS AND SELECTION CRITERIA FOR END USE APPLICATIONS .
(Code : T-3)

Period/Duration: June -2019 (Two Days)

Course Fee : Rs.3,000/- Target : 20 Nos

Course Co-ordinator: Mr. Naman More

Mobile No:07206000687

Contents:

Introduction to Plastics Materials, Identification of Plastics by simple methods- Application of instrumental methods for identification of plastics - chemical methods for identification and confirmation of plastics - Plastics selection criteria for end use applications

TOOL ROOM

5. Advancement in plastic product & mould design & development. (Code:TR

Period/Duration: May-2019 (Two Days)

Course Fee: Rs.3000/- Target: 20 N

Course Co-ordinator: Mr. B. Nandagopal

Mobile No: 9466146003

Contents:

Fundamentals of Engineering Plastics materials and its selection -Manufacturing and Processing Consideration Of Plastics Product & Assembly Design Consideration-CAD/CAM/CAE- Rapid Prototyping & Reverse Engineering plastic Product Design & Development.

6. MOULD MANUFACTURING TECHNIQUE .
(Code:TR-6)

Period/Duration: Dec-2019 (Two Days)

Course Fee: Rs.3,000/- Target: 20

Course Co – ordinator: Mr. Arindam pa

Mobile No: 9002065809

Contents:

Injection Mould Design (Feed System, Cooling System, Ejection System, Clamping System), Hot Runner Mould Design- Plastics Conversion Process: Plastics Materials-Plastics Testing Injection Moulded product. Advanced Mould Manufacturing Technology. Operation management Plastics Product Design In Industry. 5S Sigma, Kaizen.

Chief Manager (Tech) / VTC Incharge

Principal Director & Head

CAD/CAM

7. MODERN CONCEPTS IN PLASTICS PRODUCT DESIGN.

(Code:-C-7)

Period/Duration: October-2019 (Two Days)

Course Fee : Rs.3,000/ Target: 20 Nos.

Course Co-ordinator: Mrs. S Barathi

Phone No:9466146008

Contents:

Product design principles – Role of CAD/CAM in product design – product design features-electroforming process- Rapid Prototyping—Reverse Modern concepts of product design —defects in molding –Trouble shooting- CAE &shared design information

9. INJECTION MOULDING PROCESS /PARAMETERS & TROUBLE SHOOTING (Code : P-9)

Period/Duration: Nov-2019 (Two Days)

Course Fee : Rs.3,000/- Target : 20 Nos.

Course Co-ordinator: Mr. Suman Kr. Sharma

Mobile No: 0891308634

Contents:

Processing Overview – Plastic Materials & its application – Injection Moulding Process - Advanced Injection Moulding - Blow Moulding Process – Types - Effect of Polymer Property on Process Techniques - Process variables & its effects in Injection Molding & Blow Moulding - Trouble Shooting - Mould & Product Design - Processing Practical on Injection Moulding & Blow Molding.

CAD/CAM –CNC

8. APPLICATION OF CAD/CAM Software in CNC MACHINING & PROGRAMMING. (Code:-C-8)

Period/Duration: Feb-2020 (Two Days)

Course Fee : Rs.3,000/ Target: 20 Nos.

Course Co-ordinator: S. M. Khajja/ Vinay Kr Yadav

Phone No:9466146015/9466156014

Contents:

Introduction of Modeling on Software – Role of CAD/CAM in product design – product design features- Role of G Code and M Code for Format Programming process- generate Modern concepts —defects in molding –Trouble shooting- CAE &shared design information

TOOL ROOM

10. Programming & Operation on CNC machines for Mould making and Critical Machining (Code:TR-10)

Period/Duration: Jan-2020 (Two Days)

Course Fee : Rs.3,000/ Target: 20 Nos.

Course Co-ordinator : Mr. Anil Kumar

Phone No:08930401087

Contents:

Concept of CNC Machining, Part programming, Programming techniques, Familiarization to tool selection, Tool path generation, selection of machining parameters, Measurement & metrology of machined parts. Mould materials and their selection.

CIPET: CSTS - MURTHAL

Central Institute of Plastics Engineering & Technology (CIPET) is an Autonomous Institute under the Ministry of Chemicals & Fertilizers, Govt. of India. CIPET- Murthala Centre has been established in 2005 to meet the growing demands of plastics users and conversion Industries in the region. The Institute has fully fledged Design wing, Tool room, Processing Division and Plastic Testing Centre to cater the needs of Plastics Industry through managerial and supervisory manpower training, Testing, consultancy, Advisory and Development services.

The Institute offers highly specialized and practice oriented training of national and international standard in the field of Plastics Engineering & Technology. The courses are particularly designed to ensure exposure to the candidate to practical problems involved in the relevant areas of study. CIPET has been modernized with the facilities of Computers Aided Design (CAD) & Computer Aided Testing (CAT) etc. Specialized short Term & Tailor made Training Programmes are also organized for up-gradation of skills and competency of personnel from plastic industries and entrepreneurs.

The State of Haryana leads in the countries march towards modernization & globalization, out of major automobiles companies in India manufacturing passenger cars, trucks, buses, tractors & two – three vehicles, eight manufacturers are located in Haryana itself, out of about 250 large & medium unit manufacturing original equipments about 50 are located in Haryana. In addition there are more than 3000 units in small scale sector which are manufacturing automobiles in Haryana comprising of plastics based products.

The Short Terms Courses are Designed for participant from the industries, new entrepreneurs, Govt. Official from the relevant field and research scholars. The course objective is to discuss and disseminate the technical know how along with practical demonstration on the specified field. This methodology leads to clear understanding and confidence building in the participants.

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S. Khajja

Chief Manager (Tech)/VTC Indlawa

Anil Kumar
Practical Director's Head