

सेन्ट्रल इंस्टीट्यूट ऑफ पेट्रोकेमिकल्स इंजीनियरिंग एंड टेक्नोलॉजी (सिपेट) रायपुर  
**CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), RAIPUR**  
**Regular Short Term Course Calendar (2021-22)**

Sr. No.	Name of the course	Course Duration (Hrs.)	Course Fee Per Trainee + GST (18%)	Intake (Nos)	Course Coordinators
<b>A. Plastics Processing</b>					
1	Injection Moulding Technique	16 Hrs	2000/-	10	Mr. B.J. Singh - 7869955243
2	Plastics Product Manufacturing Techniques	16 Hrs	2000/-	10	Mr. B.J. Singh - 7869955243
3	Machine Maintenance	16 Hrs	2000/-	10	Mr. Hemant Kumar Pant - 8171944609
4	Machine Maintenance using Hydraulics & Pneumatics	40 Hrs	4000/-	10	Mr. Hemant Kumar Pant - 8171944609
<b>B. Design / Tool Room</b>					
1	Advance Mould Manufacturing Techniques	16 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
2	Programme and Operations on CNC Lathe	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
3	Programme and Operations on CNC Milling	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
4	Programme and Operations on CNC EDM	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
5	Programme and Operations on CNC wire cut EDM	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
6	Fundamental of Plastics Product & Mould Design	16 Hrs	2000/-	10	Mr. Y. Hidayathullah - 7598145203
7	Tool Room Machine Maintenance	16 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
<b>C. Testing &amp; Quality Control</b>					
1	Testing & Quality Control of Plastics Material & Products	16 Hrs	2000/-	10	Mrs. Ambika Joshi - 9351351741
2	Testing & Quality Control of HDPE Pips as per IS 4984:2016 (Latest Amendments)	16 Hrs	2000/-	10	Dr. Sushanta Kumar Samal - 9090968452
3	Testing & Quality Control of PVC Pips as per IS 4985:2000 (Latest Amendments)	16 Hrs	2000/-	10	Dr. Sushanta Kumar Samal - 9090968452
4	Training on "Measurement Uncertainty as per ISO/IEC-17025-2017 (Latest Revision)	32 Hrs	10000/-	10	Mrs. Ambika Joshi - 9351351741
5	Quality Management System & Internal Audit as per ISO/ICE-17025-2017	32 Hrs	10000/-	10	Mrs. Ambika Joshi - 9351351741
6	Basic Methods of Water Analysis	16 Hrs	2000/-	10	Mr. Nitai Charan Giri - 8101519125



**D. CAD/CAM/CAE**

Sr. No.	Name of the course	Course Duration (Hrs.)	Course Fee Per Trainee + GST (18%)	Intake (Nos)	Course Coordinators
1	CAD Using AUTOCAD	40 Hrs	4000/-	10	Mr. Sunil Kumar Jena - 9111001985
2	CAD Using CREO	80 Hrs	8000/-	10	Mr. Ashok Kumar Sharma - 9111000762
3	CAD Using NX	80 Hrs	8000/-	10	Mr. Y. Hidayathullah - 7598145203
4	CAD Using CATIA	80 Hrs	8000/-	10	Mr. Sunil Kumar Jena - 9111001985
5	CAD Using Solid Edge	40 Hrs	4000/-	10	Mr. B.S. Rao - 9111001994
6	CAM Using CREO	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
7	CAM Using NX	40 Hrs	4000/-	10	Mr. Sunil Kumar Jena - 9111001985
8	CAM Using CATIA	40 Hrs	4000/-	10	Mr. B.S. Rao - 9111001994
9	CAM Using Master CAM	40 Hrs	4000/-	10	Mr. B.S. Rao - 9111001994
10	CAM Using Future CAM	40 Hrs	4000/-	10	Mr. B.S. Rao - 9111001994
11	CAE Using ANSYS	80 Hrs	8000/-	10	Mr. Y. Hidayathullah - 7598145203
12	NX Mould wizard	40 Hrs	4000/-	10	Mr. Y. Hidayathullah - 7598145203
13	CREO Pro Mould	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
14	CAD & CAM Using CREO	120 Hrs	12000/-	10	Mr. Ashok Kumar Sharma - 9111000762
15	CAD & CAM Using NX	120 Hrs	12000/-	10	Mr. Y. Hidayathullah - 7598145203
16	CAD & CAM Using CATIA	120 Hrs	12000/-	10	Mr. Sunil Kumar Jena - 9111001985- 9111001985
17	CAD & CAM with Mould wizard using NX	160 Hrs	16000/-	10	Mr. Y. Hidayathullah - 7598145203
18	CAD & CAM with Pro Mould using CREO	160 Hrs	16000/-	10	Mr. Ashok Kumar Sharma - 9111000762
18	Dual Programme on CAD & CAE using NX & ANSYS	160 Hrs	16000/-	10	Mr. Y. Hidayathullah - 7598145203 & Mr. Nilesh Kumar Sharma - 8827671703
19	Dual Programme on CAD & CAE using CREO & ANSYS	160 Hrs	16000/-	10	Mr. Ashok Kumar Sharma - 9111000762 & Mr. Nilesh Kumar Sharma - 8827671703
20	Dual Programme on CAD & CAE using CATIA & ANSYS	160 Hrs	16000/-	10	Mr. Sunil Kumar Jena - 9111001985 & Mr. Nilesh Kumar Sharma - 8827671703
21	Master Programme on CAD, CAM & CAE using CREO & ANSYS	200 Hrs	20000/-	10	Mr. Ashok Kumar Sharma - 9111000762 & Mr. Nilesh Kumar Sharma - 8827671703



22	Master Programme on CAD, CAM & CAE using NX & ANSYS	200 Hrs	20000/-	10	Mr. Y. Hidayathullah – 7598145203 & Mr. Nilesh Kumar Sharma - 8827671703
23	Master Programme on CAD, CAM & CAE using CATIA & ANSYS	200 Hrs	20000/-	10	Mr. Sunil Kumar Jena – 9111001985 & Mr. Nilesh Kumar Sharma - 8827671703

### E. Online Skill Development Training Programme

S.No.	Name of the course	Course Duration (Hrs.)	Course Fee Per Trainee + GST (18%)	Intake	Course Coordinators
1	Introduction to Plastics Processing Techniques	16 Hrs	500/-	10	Mr. Hemant Kumar Pant - 8171944609
2	Importance of Engineering Metrology & Measurement System	20 Hrs	500/-	10	Mr. Nilesh Kumar Sharma - 8827671703
3	Nanotechnology & its Applications	16 Hrs	500/-	10	Mr. Dilip Kumar Sahu - 9907100714
4	Advance Electrical Machine Maintenance	20 Hrs	500/-	10	Mr. Devendra Kumar Sahu - 9171369343
5	Making Effective Presentations & Winning Interviews	16 Hrs	500/-	10	Mr. R. Vinay - 9179197480
6	Chemicals and health	16 Hrs	500/-	10	Mr. Nitai Charan Giri - 8101519125
7	Basic Methods of Water Analysis	16 Hrs	500/-	10	Mr. Nitai Charan Giri - 8101519125
8	Testing & Quality Control of Plastics Material & Products	16 Hrs	500/-	10	Mrs. Ambika Joshi – 9351351741 / Dr. Sushanta Kumar Samal -9090968452
9	Thermal Characterization of Plastics Materials	16 Hrs	500/-	10	Mrs. Ambika Joshi – 9351351741 / Dr. Sushanta Kumar Samal -9090968452
10	Plastics waste management in India	16 Hrs	500/-	10	Mrs. Ambika Joshi – 9351351741 / Dr. Sushanta Kumar Samal -9090968452
11	Injection Moulding Techniques.	16 Hrs	1000/-	10	Mr. B.J. Singh - 7869955243
12	Plastics Product Manufacturing Techniques.	16 Hrs	1000/-	10	Mr. B.J. Singh - 7869955243
13	Machine Maintenance	16 Hrs	1000/-	10	Mr. Hemant Kumar Pant - 8171944609
14	Processing Machine Maintenance using hydraulics & Pneumatics	16 Hrs	1000/-	10	Mr. Hemant Kumar Pant - 8171944609
15	Advance Mould Manufacturing Techniques	16 Hrs	1000/-	10	Mr. Ashok Kumar Sharma - 9111000762
16	Programming on CNC-Lathe	20 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
17	Programming on CNC-Milling.	20 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
18	Programming on CNC EDM	20 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
19	Programming on CNC wire Cut EDM	20 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762



20	Fundamentals of Plastics Product & Mould Design	16 Hrs	1000/-	10	Mr. Y. Hidayathullah - 7598145203
21	Tool room Machine Maintenance	16 Hrs	1000/-	10	Mr. Ashok Kumar Sharma - 9111000762
22	CAD Using AUTOCAD	20 Hrs	2000/-	10	Mr. Sunil Kumar Jena - 9111001985
23	CAD Using CREO	40 Hrs	4000/-	10	Mr. Ashok Kumar Sharma - 9111000762
24	CAD Using NX	40 Hrs	4000/-	10	Mr. Y. Hidayathullah - 7598145203
25	CAD Using CATIA	40 Hrs	4000/-	10	Mr. Sunil Kumar Jena - 9111001985
26	CAM Using CREO	40 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
27	CAM Using NX	40 Hrs	2000/-	10	Mr. Sunil Kumar Jena - 9111001985
28	CAM Using CATIA	40 Hrs	2000/-	10	Mr. Sunil Kumar Jena - 9111001985
29	CAM Using Master CAM	20 Hrs	2000/-	10	Mr. B.S. Rao - 9111001994
30	CAE Using ANSYS	40 Hrs	4000/-	10	Mr. Y. Hidayathullah - 7598145203
31	NX Mould wizard	20 Hrs	2000/-	10	Mr. Y. Hidayathullah - 7598145203
32	CREO Pro Mould	20 Hrs	2000/-	10	Mr. Ashok Kumar Sharma - 9111000762
33	CAD with CAD	20 Hrs	1000/-	10	Mr. B.S. Rao - 9111001994
34	Product Design Using AutoCAD	20 Hrs	1500/-	10	Mr. B.S. Rao - 9111001994
35	Product Design Using UNIGRAPHICS	40 hrs	2500/-	10	Mr. B.S. Rao - 9111001994
36	Product Validation Using ANSYS	40 hrs	2500/-	10	Mr. Y. Hidayathullah - 7598145203
37	CAD with UNIGRAPHICS and 3D Printing	40 hrs	2500/-	10	Mr. B.S. Rao - 9111001994
38	CAE with ANSYS and 3D Printing	40 hrs	2500/-	10	Mr. Y. Hidayathullah - 7598145203

