



TRAINING PROGRAMME 2024-25



सत्यमेव जयते
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA



AS 9100 D
ISO 9001:2015, ISO 45001:2018
ISO 14001:2015

CENTRAL TOOL ROOM AND TRAINING CENTRE

(A Govt. of India Society, Ministry of Micro, Small and Medium Enterprises)

B-36, Chandaka Industrial Area, Bhubaneswar-751024, Odisha

Phone: 91-674-2654700 to 2654772, Fax: 91-674-2654768

Email: cttc@cttc.gov.in, website: www.cttc.gov.in

PRESENTING SKILL DEVELOPMENT COURSES FOR ENGINEERING STUDENTS

Central Tool Room & Training Centre (CTTC), Bhubaneswar is the leading Tool Room & Training Centre of India to impart skill based training programme in the field of CAD/CAM/CAE/CNC Technology/ Structural Design & Analysis/ Hardware & Network / VLSI/ PLC/ MAT LAB/ Robotics for Engineering students. For the year 2024-25 we offer Skill Development courses throughout the year specially designed for Mechanical/ Production/ Automobile/ Manufacturing Science/ Civil/ Computer Science/ Electrical/ Electronics/ Instrumentation/ Information Technology Students.

SHORT TERM COURSES

COURSE NAME	DURATION	COURSE FEE
COURSES FOR DIPLOMA/DEGREE IN MECHANICAL ENGG. OR EQUIVALENT		
Autocad (Mechanical)	1 Month	₹ 7,000/-
CATIA	1 Month	₹ 8,000/-
CREO	1 Month	₹ 8,000/-
UNIGRAPHICS	1 Month	₹ 8,000/-
SOLIDWORKS	1 Month	₹ 8,000/-
MASTER CAM	1 Month	₹ 8,000/-
CNC Milling	1 Month	₹ 8,000/-
CNC Turning	1 Month	₹ 8,000/-
ANSYS (STRUCTURAL & THERMAL)	2 Weeks	₹ 8,000/-
ANSYS (CFD)	2 Weeks	₹ 8,000/-
3D Printing	2 Weeks	₹ 8,000/-
COURSES FOR DIPLOMA/DEGREE IN ELECTRICAL/ELECTRONICS ENGG. OR EQUIVALENT		
PLC	1 Month	₹ 8,000/-
VLSI	1 Month	₹ 8,000/-
SCADA	1 Month	₹ 8,000/-
EMBEDDED SYSTEM	1 Month	₹ 8,000/-
ROBOTICS	1 Month	₹ 8,000/-
HYDRAULICS & PNEUMATICS	1 Month	₹ 8,000/-
LAB VIEW	1 Month	₹ 8,000/-
ELECTRICAL-CAD	1 Month	₹ 7,000/-
ADVANCE ELECTRONICS	2 Weeks	₹ 3,500/-
POWER ELECTRONICS	2 Weeks	₹ 3,500/-
ELECTRICAL MACHINE LAB	2 Weeks	₹ 3,500/-
SURYAMITRA (Solar PV Installation)	1.5 Month	₹ 12,000/-
process Control & Automation	1 Month	₹ 8,000/-
Mechatronics	1 Month	₹ 8,000/-
Industry 4.0	1 Month	₹ 8,000/-
COURSES FOR DIPLOMA/DEGREE IN CIVIL ENGG. OR EQUIVALENT		
AUTOCAD(CIVIL)	1 Month	₹ 7,000/-
STAAD PRO	1 Month	₹ 8,000/-
3DS MAX	1 Month	₹ 8,000/-
REVIT	1 Month	₹ 8,000/-
SURVEY & MATERIAL TESTING	2 Weeks	₹ 8,000/-
COURSES FOR ANY GRADUATE		
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	1 Month	₹ 5,500/-
MATLAB	2 Weeks	₹ 8,000/-
HARDWARE & NETWORKING	1 Month	₹ 5,500/-
PYTHON PROGRAMMING	1 Month	₹ 5,500/-
DATA ANALYTICS	1 Month	₹ 5,500/-
CORE JAVA	1 Month	₹ 5,500/-
SAP BUSINESS ONE	1 Month	₹ 10,000/-
SAP BUSINESS ONE	8 DAYS	₹ 5,000/-
PROGRAMMING IN C/C++	1 Month	₹ 3,500/-
INTERNET OF THINGS	1 Month	₹ 8,000/-
ENTREPRENEURSHIP SKILL DEVELOPMENT PROGRAM	1 Month	₹ 3,500/-
SOFT SKILL	1 Month	₹ 3,500/-
SERVER ADMINISTRATION	1 Month	₹ 5,500/-
GENERATIVE AI	2 Weeks	₹ 4,000/-

ALL THE ABOVE COURSES START ON 01ST WORKING DAY OF EVERY MONTH

NSQF COMPLIED LONG TERM COURSES

COURSE NAME	TENTATIVE DATE	SHORT NAME	DURATION	HOURS	COURSE FEE
COURSES FOR 10TH PASS OUT					
Diploma in Tool & Die Making	July	DTDM	3 Years		₹ 44,000/- (per year)
Diploma in Mechatronics	July	DIM	3 Years		₹ 44,000/- (per year)
Diploma in Automation & Robotics	July	DIAR	3 Years		₹ 44,000/- (per year)
ITI Machinist	July	ITIM	2 Years		₹ 26,000/- (per year)
Jr. Technician -Tool & Die Maker	August/March	CTDM	1 Year	1200 Hrs.	₹ 66,000/-
Assistant Operator- CNC Turning -Tool Room	July/Dec/Feb	AOCT	6 Months	600 Hrs.	₹ 22,000/-
Asst. Operator - CNC Milling (Tool Room)	July/Dec	AOCM	6 Months	600 Hrs.	₹ 22,000/-
Jr. Technician – Welding	August/February	ACCWT	6 Months	600 Hrs.	₹ 22,000/-
Jr. Technician - Inspection & Quality Control	Aug/Nov/Jan	ACCIQC	6 Months	600 Hrs.	₹ 22,000/-
Assistant Electrician (Domestic Cum Industrial)	May/Aug/Nov/Feb	AEDI	6 Months	600 Hrs.	₹ 22,000/-
Jr.Technician(Computer Hardware & Network)	March/Sep/Dec	JTCHN	4 Months	390 Hrs.	₹ 18,000/-
COURSES FOR UNDER MATRIC					
Asst. Operator - Conventional Machines	August/February	CCMO	1 Year	1200 Hrs.	₹ 18,000/-
COURSES FOR ITI/12TH STUDENTS					
Technician -CNC Machining	Aug/Oct/Dec/Feb	ACCCM	6 Months	600 Hrs.	₹ 22,000/-
Technician - Hand Held Products	Aug/Nov/Jan/Mar	HHP	3 Months	510 Hrs.	₹ 15,000/-
Technician -Room Air Conditioner & Home Appliances	Aug/Nov/Jan/Mar	RACHA	4 Months	600 Hrs.	₹ 20,000/-
COURSES FOR 12TH STUDENTS					
Technician (Computer Hardware & Network)	May/July/Nov/Jan	ADCHNM	6 Months	600 Hrs.	₹ 34,000/-
Graphics & Web Designer Assistant	July/Oct/Mar	GWDA	6 Months	600 Hrs.	₹ 34,000/-
Cisco Certified Network Associate	May/Aug/Dec/Feb	CCNA	4 Months	480 Hrs.	₹ 22,000/-
Content Developer Assistant (Digital Marketing)	Jun/Dec/Mar	CDA	4 Months	390 Hrs.	₹ 18,000/-
Associate Developer AR /VR	June/December	ARVR	6 Months	600 Hrs.	₹ 34,000/-
Advanced Certificate course in Software & Application	June/Oct/Feb	ACCSA	6 Months	780 Hrs.	₹ 22,000/-
COURSES FOR DIPLOMA IN MECHANICAL ENGG. OR EQUIVALENT					
Junior Designer CAD/CAM	May/July/Aug/Nov/Jan	MCC	6 Months	600 Hrs.	₹ 36,000/-
Jr. Designer - Tool	July / Nov/Jan	MCCTD	6 Months	600 Hrs.	₹ 36,000/-
CNC Programmer -Tool Room	July/Sep/Nov/Feb	ADCNC	6 Months	600 Hrs.	₹ 34,000/-
Post Diploma In Tool Die and Manufacturing	July / November	PDTDM	1 Year	1560 Hrs.	₹ 54,000/-
COURSES FOR DEGREE IN MECHANICAL ENGG. OR EQUIVALENT					
Sr. Product Manager (Aerospace Manufacturing)	November/July	PGAM	6 Months	600 Hrs.	₹ 60,000/-
Post Graduate Diploma in Tool Design & CAD/ CAM	July / November	PGDTD	1 Year	2340 Hrs.	₹ 60,000/-
COURSES FOR DIPLOMA IN ELECTRICAL/ELECTRONICS ENGG. OR EQUIVALENT					
Sr. Technician -Machine Maintenance & Automation	May/July/Sep/Nov/Mar	ADMMA	6 Months	600 Hrs.	₹ 34,000/-
Jr. Embedded Developer	May/July/Sep/Jan	AET	6 Months	600 Hrs.	₹ 34,000/-
Post Diploma in Industrial Automation & Robotics	July/ December	PDIAR	1 Year	1560 Hrs.	₹ 54,000/-
COURSES FOR DEGREE IN ELECTRICAL/ELECTRONICS ENGG. OR EQUIVALENT					
Process Designer – Automation	April/July/Nov/Jan	MCCAPC	6 Months	600 Hrs.	₹ 36,000/-
COURSE FOR DIPLOMA IN MECHANICAL/ELECTRICAL/ELECTRONICS ENGG. OR EQUIVALENT					
Sr. Technician -Mechatronics	June/ January	PDIM	6 Months	600 Hrs.	₹ 34,000/-
COURSE FOR DIPLOMA IN CIVIL ENGG. OR EQUIVALENT					
Front Line Junior Supervisor (Construction)	May/July/Sep/Nov/Jan/Mar	ADSDA	6 Months	600 Hrs.	₹ 34,000/-
COURSE FOR DEGREE IN CIVIL ENGG. OR EQUIVALENT					
Project Coordinator (construction)	July/February	PDSPM	1 Year	1200 Hrs.	₹ 54,000/-
COURSE FOR DIPLOMA/DEGREE IN IT ENGG. OR EQUIVALENT					
Full Stack Developer	Apr/Aug/Dec	FSD	6 Months	600 Hrs.	₹ 36,000/-
COURSE FOR ANY GRADUATE OR EQUIVALENT					
Master Certificate Course in AIML & IOT	July/Dec/Mar	MCCAI	6 Months	780 Hrs.	₹ 36,000/-

ADMISSION PROCEDURE : Discount of 10% for group of 10 students (Only for 1 month course). Limited Dormitory accommodation is available for interested participants on payment basis (Per Bed per Month will be 500/-). Registration and admission can be done online or by paying through DD drawn in favour of 'Central Tool Room & Training Centre' payable at Bhubaneswar or Online through State Bank of India Collect Link available in our website www.cttc.gov.in. For SC/ST candidates no fee will be charged (only for NSQF Complied Courses).

***Registration fee of ₹ 1000/- for all courses**

For Admission Contact : 0674-2654700 / 2654770 / 2654742 / 2654743

Facilities Available



LANGUAGE LAB



CNC LAB



ELECTRICAL LAB



CAD CAM LAB



LECTURE ROOM



VLSI & ES LAB



INDUSTRY 4.0 LAB



PLASTIC 3D PRINTING



5 AXIS CNC MACHINE



STRUCTURAL DESIGN LAB



PLC LAB



ROBOTICS LAB

Other Facilities are

- More than 2500 High end Computer
- Process Automation Lab
- Solar Lab
- Civil Material Testing Lab

- 7 axis CNC Machine
- Automatic Injection Moulding Machine
- Hardware & Cisco Lab
- ULTRASONIC 5 axis CNC Machine

- 3D Printing(Metal & Plastic)
- PLC & HMI Lab
- Hydraulic and Pneumatic
- Internet of Things Lab