



सत्यमेव जयते

Ministry of Micro, Small and Medium Enterprises
Government of India

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

CENTRAL TOOL ROOM & TRAINING CENTRE
BHUBANESWAR, ODISHA

Profile

MSME Tool Room- Bhubaneswar (Central Tool Room & Training Centre, Bhubaneswar) within its 34 years of existence today stands as the premier Tool Room & Training Centre in India. The organization is established under the Technical Co-operation programme between Government of India and Denmark as a Govt. of India Society. The management of affairs of the centre rests with the Government council constituted by Govt. of India. Additional Secretary & Development Commissioner (MSME), Govt. of India, is the President of the Society & Chairman of the Governing Council.

MSME Tool Room- Bhubaneswar is on the way of achieving its set-goal with its extension centre at Rayagada (Border of Andhra Pradesh) Berhampur (Ganjam), Bhawanipatna (Kalahandi), Keonjhar OSME Campus & Balasore Govt ITI Campus in Odisha. It has set the benchmark among all the Tool Rooms & Training Centres under the Ministry of MSME for its quality industry-oriented training programmes in the field of Tool Design & manufacturing, Quality Assurance, Precision Component Manufacturing for Automobile & Aerospace Industries, CAD/CAE/CAM/3D Printing/Industry 4.0/CNC Technology/Hardware Networking/VLSI/Industrial Automation (PLC) & Robotics/Structural Design & Analysis for Different levels & disciplines Trainees.

In pursuit of excellence, the Tool Room has been awarded with AS 9100, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certifications.

Our Activities

PRODUCTION

TOOL DESIGN & MANUFACTURING

TOOL TRYOUT & PART PRODUCTION

QUALITY ASSURANCE

AEROSPACE MANUFACTURING

TRAINING

CAD / CAM / CAE

STRUCTURAL DESIGN & ANALYSIS

INDUSTRIAL AUTOMATION & ROBOTICS

VLSI & EMBEDDED SYSTEM

WE CONDUCT TAILOR MADE COURSES FOR

1. Courses For Foreign Nationals

4. Courses For Technical Institute

2. Courses For Industrial Professionals

5. Training of Trainers of Technical Institutes

3. Induction Training For Newly Recruits

6. Modular Training Programme

Training at a Glance

- Conducted Training programme from School dropout to B.Techpassout students in different level & different discipline.
- CTTC, Bhubaneswar in collaboration with Samsung, India offers Advanced Repair & Industrial Skill Enhancement Programmes for various catagories.
- We also offer Entrepreneurship Skill Development Programme under ESDP scheme of Govt. of India for skill enhancement in the sectors of CNC, CAD/CAM, PLC, VLSI etc. for the students of 10th class onwards.
- We also offer various skill development courses for the North East Region Youth under DONOR Programmes of Ministry of MSME.
- Giving the vocational direction to Youth for Development of Technical Skill
- Gainful employment in Hi Tech areas
- Entrepreneurial Skill with Techno - Commercial Knowledge
- Professional Ethics, Work Culture & Personality Development.
- Awareness towards the Nation, Society & Enviornment.



Training Achievements

1. Represented India in Renewable energy and CNC Milling in "World Skill Competition 2024" held at LYON, FRANCE in Sep 2024. Mr. Amaresh Kumar Sahu won Bronze Medal in Renewable energy.
2. Received award of "Excellence in Quality Circle" organized by the Quality Circle Forum of India (QCFI) held at ABV IITM, Gwalior, from 27–30 December 2024
3. Best Extension Centre model among all Technology Centre at Rayagada.
4. Established CTTC brand in the country for Summer Vacation Training for Degree/Diploma Engineering Graduates.
5. Conducted International Training for 25 countries.



CENTRAL TOOL ROOM & TRAINING CENTRE, BHUBANESWAR

LONG/MEDIUM TERM TRAINING PROGRAMMES

START DATE	COURSE NAME	SHORT NAME	DURATION	ELIGIBILITY
APRIL 2025				
15.04.2025	Full Stack Developer	FSD	6 Months	Diploma in any Stream or equivalent.
15.04.2025	Process Designer - Automation	MCCAPC	6 Months	Degree in Electrical/Electronics
MAY 2025				
06.05.2025	Jr. Designer – CAD/CAM	MCC	6 Months	Diploma/Degree in Mechanical or equivalent
07.05.2025	Assistant Electrician (Domestic cum Industrial)	AEDI	6 Months	ITI/10th Pass
07.05.2025	Jr. Embedded Developer	AET	6 Months	Diploma/ Degree in Electronic or equivalent.
09.05.2025	Technician - Computer Hardware & Network Management	ADCHNM	6 Months	12th Pass
13.05.2025	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
22.05.2025	Sr. Technician - Machine Maintenance and Automation	ADMMA	6 Months	Diploma in Electrical or equivalent.
23.05.2025	CISCO Certified Network Associate	CCNA	4 Months	12th Pass
JUNE 2025				
11.06.2025	Associate Developer AR VR	ARVR	6 Months	12th Pass
12.06.2025	Sr. Technician - Mechatronics	PDIM	6 Months	Diploma or equivalent
12.06.2025	Advanced Certificate course in Software and Application	ACCSA	6 Months	12th Pass
JULY 2025				
01.07.2025	Diploma in Tool & Die Making	DTDM	4 year	10th Pass
01.07.2025	Diploma in Mechatronics & Diploma in Automation & Robotics	DIM	3 year	10th Pass
03.07.2025	Assistant Tool Maker	PDTDM	1 year	Diploma in Mechanical or equivalent
04.07.2025	Senior Tool Designer - CAD/CAM	PGDTD	1 year	Degree in Mechanical or equivalent
04.07.2025	Assistant Operator – CNC Turning (Tool Room)	CCCT	6 Months	ITI/10th Pass
08.07.2025	Process Designer - Automation	MCCAPC	6 Months	Degree in Electrical/Electronics
08.07.2025	Jr. Embedded Developer	AET	6 Months	Diploma/ Degree in Electronic or equivalent.
10.07.2025	Jr. Designer – Tool	MCCTD	6 Months	Diploma in Mechanical or equivalent.
11.07.2025	Asst. Operator – CNC Milling (Tool Room)	CCCM	6 Months	ITI/10th Pass
11.07.2025	Graphics & Web Designer Assistant	GWDA	6 Months	12th Pass
15.07.2025	Jr. Designer – CAD/CAM	MCC	6 Months	Diploma/Degree in Mechanical or equivalent
15.07.2025	SURYAMITRA	SURYAMITRA	6 Months	ITI Pass
15.07.2025	CNC Programmer – Tool Room	ADCNC	6 Months	Diploma in Mechanical or equivalent.
17.07.2025	Project Coordinator (construction)	PDSPM	1 year	Diploma(1 year Exp.)Degree in Civil or equivalent.
17.07.2025	Sr.Product Manager (Aerospace Manufacturing)	PGAM	6 Months	Degree in Mechanical or equivalent
21.07.2025	Post Diploma in Industrial Automation & Robotics	PDIAR	1 year	Diploma/ Degree in Electrical or equivalent.
24.07.2025	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
24.07.2025	Technician - Computer Hardware & Network Management	ADCHNM	6 Months	12th Pass
25.07.2025	Artificial Intelligence Application Developer	AAAD	5 Months	Any Graduate
28.07.2025	Sr. Technician - Machine Maintenance and Automation	ADMMA	6 Months	Diploma in Electrical or equivalent.
AUGUST 2025				
01.08.2025	ITI MACHINIST ITI	MACHINIST	2 year	10th Pass
04.08.2025	Jr. Technician – Tool & Die Maker	CCCTDM	1 year	10th Pass
04.08.2025	Jr. Technician - Inspection & Quality Control	ACCIQC	6 Months	12th Pass
05.08.2025	Certificate Course in CNC Turning & Milling	CCCTM	1 year	10th Pass
07.08.2025	Jr. Technician - Welding	ACCWT	6 Months	10th Pass
11.08.2025	Asst. Operator – Conventional Machines	CCMO	1 year	10th Fail
12.08.2025	SAMSUNG	SAMSUNG	3 Months	ITI/12th Pass
13.08.2025	Technician – CNC Machining	ACCCM	6 Months	ITI in any Mechanical Trade /12th Pass
18.08.2025	Full Stack Developer	FSD	6 Months	Diploma in any Stream or equivalent.
18.08.2025	Assistant Electrician (Domestic cum Industrial)	AEDI	6 Months	ITI/10th Pass
21.08.2025	Jr. Designer – CAD/CAM	MCC	6 Months	Diploma/Degree in Mechanical or equivalent
25.08.2025	CISCO Certified Network Associate	CCNA	4 Months	12th Pass
SEPTEMBER 2025				
09.09.2025	Jr. Embedded Developer	AET	6 Months	Diploma/ Degree in Electronic or equivalent.
12.09.2025	SURYAMITRA	SURYAMITRA	3 Months	ITI/Diploma in any trade
15.09.2025	Jr. Technician - Computer Hardware & Network	Jr. CHN	6 Months	10th Pass
18.09.2025	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
22.09.2025	CNC Programmer – Tool Room	ADCNC	6 Months	Diploma in Mechanical or equivalent.
25.09.2025	Sr. Technician - Machine Maintenance and Automation	ADMMA	6 Months	Diploma in Electrical or equivalent.
OCTOBER 2025				
13.10.2025	Technician – CNC Machining	ACCCM	6 Months	ITI in any Mechanical Trade /12th Pass
23.10.2025	Advanced Certificate course in Software and Application	ACCSA	6 Months	12th Pass
24.10.2025	Graphics & Web Designer Assistant	GWDA	6 Months	12th Pass

START DATE	COURSE NAME	SHORT NAME	DURATION	ELIGIBILITY
NOVEMBER 2025				
03.11.2025	Sr.Product Manager (Aerospace Manufacturing)	PGAM	6 Months	Degree in Mechanical or equivalent.
04.11.2025	Assistant Tool & Die Maker	PDTDM	1 year	Diploma in Mechanical or equivalent
04.11.2025	Sr. Tool Designer - CAD/CAM	PGDTD	1 year	Degree in Mechanical or equivalent
06.11.2025	Jr. Technician - Inspection & Quality Control	ACCIQC	6 Months	12th Pass
06.11.2025	Certificate Course in CNC Turning & Milling	CCCTM	1 year	10th Pass
07.11.2025	Jr. Designer – CAD/CAM	MCC	6 Months	Diploma/Degree in Mechanical or equivalent
07.11.2025	Jr. Designer – Tool	MCCTD	6 Months	Diploma in Mechanical or equivalent.
12.11.2025	Process Designer - Automation	MCCAPC	6 Months	Degree in Electrical/Electronics
17.11.2025	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
17.11.2025	Assistant Electrician (Domestic cum Industrial)	AEDI	6 Months	ITI/10th Pass
19.11.2025	CNC Programmer – Tool Room	ADCNC	6 Months	Diploma in Mechanical or equivalent.
20.11.2025	Technician - Computer Hardware & Network Management	ADCHNM	6 Months	12th Pass
20.11.2025	SAMSUNG	SAMSUNG	3 Months	ITI/12th Pass
26.11.2025	Sr. Technician - Machine Maintenance and Automation	ADMMA	6 Months	Diploma in Electrical or equivalent.
DECEMBER 2025				
02.12.2025	Assistant Operator – CNC Turning (Tool Room)	CCCT	6 Months	ITI/10th Pass
05.12.2025	Asst. Operator – CNC Milling (Tool Room)	CCCM	6 Months	ITI/10th Pass
05.12.2025	Associate Developer AR VR	ARVR	6 Months	12th Pass
08.12.2025	Technician – CNC Machining	ACCCM	6 Months	ITI in any Mechanical Trade /12th Pass
15.12.2025	Post Diploma in Industrial Automation & Robotics	PDIAR	1 year	Degree in Electrical/Electronics
15.12.2025	Full Stack Developer	FSD	6 Months	Diploma in any Stream or equivalent.
15.12.2025	Artificial Intelligence Application Developer	AAAD	5 Months	Any Graduate
16.12.2025	Jr. Technician - Computer Hardware & Network	Jr. CHN	6 Months	10th Pass
19.12.2025	CISCO Certified Network Associate	CCNA	4 Months	12th Pass
19.12.2025	Data Analysis Associate	DAA	4 Months	Diploma / Degree in IT or Equivalent
JANUARY 2026				
03.01.2026	Jr. Designer – Tool	MCCTD	6 Months	Diploma in Mechanical or equivalent.
06.01.2026	Sr. Technician - Mechatronics	PDIM	6 Months	Diploma Mech/Elect./ETC or equivalent
07.01.2026	Jr. Designer – CAD/CAM	MCC	6 Months	Diploma/Degree in Mechanical or equivalent
08.01.2026	Process Designer - Automation	MCCAPC	6 Months	Degree in Electrical/Electronics
10.01.2026	Jr. Embedded Developer	AET	6 Months	Diploma/ Degree in Electronic or equivalent.
16.01.2026	Technician - Computer Hardware & Network Management	ADCHNM	6 Months	12th Pass
16.01.2026	SAMSUNG	SAMSUNG	3 Months	ITI/12th Pass
17.01.2026	Jr. Technician - Inspection & Quality Control	ACCIQC	6 Months	12th Pass
22.01.2026	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
FEBRUARY 2026				
04.02.2026	Certificate Course in CNC Turning & Milling	CCCTM	1 year	10th Pass
05.02.2026	Jr. Technician - Welding	ACCWT	6 Months	10th Pass
05.02.2026	Asst. Operator – Conventional Machines	CCMO	1 year	8th Pass
11.02.2026	CNC Programmer – Tool Room	ADCNC	6 Months	Diploma in Mechanical or equivalent.
18.02.2026	Technician – CNC Machining	ACCCM	6 Months	ITI in any Mechanical Trade /12th Pass
18.02.2026	Assistant Operator – CNC Turning (Tool Room)	CCCT	6 Months	10th/ITI Pass
19.02.2026	Assistant Electrician (Domestic cum Industrial)	AEDI	6 Months	10th/ITI Pass
21.02.2026	CISCO Certified Network Associate	CCNA	4 Months	12th Pass
21.02.2026	Advanced Certificate course in Software and Application	ACCSA	6 Months	12th Pass
MARCH 2026				
05.03.2026	Jr. Technician – Tool & Die Maker	CCCTDM	1 year	10th Pass
10.03.2026	Front Line Junior Supervisor (Construction)	ADSDA	6 Months	Diploma/ Degree in Civil or equivalent.
18.03.2026	Sr. Technician - Machine Maintenance and Automation	ADMMA	6 Months	Diploma in Electrical or equivalent.
22.03.2026	Artificial Intelligence Application Developer	AAAD	5 Months	Any Graduate
25.03.2026	Jr. Technician - Computer Hardware & Network	Jr. CHN	6 Months	10th Pass
25.03.2026	Graphics & Web Designer Assistant	GWDA	6 Months	12th Pass
25.03.2025	SAMSUNG	SAMSUNG	3 Months	ITI/12th Pass



CAREER ORIENTED COURSES OF DIFFERENT LEVELS & DIFFERENT DISCIPLINES

SHORT TERM COURSES

COURSE NAME	DURATION	PAGE NO.
COURSES FOR DIPLOMA/DEGREE IN MECHANICAL ENGG. OR EQUIVALENT		
Auto CAD (Mechanical)	1 Month	22
UNIGRAPHICS	1 Month	22
MASTER CAM	1 Month	22
CATIA	1 Month	23
Creo	1 Month	23
SOLIDWORKS	1 Month	23
Additive Manufacturing & 3D Scanning	1 Month	23
CNC Milling/Turning	1 Month	24
ANSYS	15 Days	24
3D Printing	15 Days	24
COURSES FOR DIPLOMA/DEGREE IN ELECTRONICS ENGG. OR EQUIVALENT		
PLC	1 Month	25
VLSI	1 Month	25
SCADA	1 Month	25
Advanced Embedded System	1 Month	25
Hydraulics & Pneumatics	1 Month	26
E.CAD	1 Month	26
Suryamitra (Solar PV Installation)	1.5 Months	26
Process Automation	1 Month	26
Mechatronics	1 Month	26
COURSES FOR DIPLOMA/DEGREE IN CIVIL ENGG.		
Auto CAD (Civil)	1 Month	27
STAAD PRO	1 Month	27
3Ds Max	1 Month	27
REVIT	1 Month	27
COURSES FOR ANY GRADUATE		
MAT LAB	15 Days	28
Internet of Things (IOT)	1 Month	28
Core JAVA	1 Month	28
Programming in C	1 Month	29
Programming in C++	1 Month	29
Hardware Networking	1 Month	29
Artificial Intelligence & Machine Learning	1 Month	29
Entrepreneurship Skill Development Program	15 Days	30
Windows Server Administration	1 Month	30
SAP Business One	8 Days	30
Data Analytics	1 Month	30
Python	1 Month	31
Communication Skill	1 Month	31
Cloud Computing	1 Month	31
Web Design	1 Month	32
Generative AI	2 Weeks	32

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 3000 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

TRAINING PROGRAMMES **COURSES FOR HSC / SSLC STUDENTS**

1. DIPLOMA IN TOOL & DIE MAKING (DTDM) - [AICTE Approved]

- Objectives** : After completion of the course, the Trainees will be able to design & manufacture different types of tools & dies using CAD/CAM software & all kind of conventional & CNC machine.
- Duration** : 3 Years
- Course Content** : Equivalent to Diploma in Mechanical Engg. With TOOL/Mould/Die/Fixture Designing & Manufacturing.
 N.B. : Course contains 70% Practical & 30% Theory.
- Mode of Selection** : Selection will be based on all India level Entrance Examination
- Course Start on** : July
- Course Fee** : Rs. 22,000/- (Per Semester)



2. DIPLOMA IN MECHATRONICS (DIM) - [AICTE Approved]

- Objectives** : After completion of the course, the Trainees will be able to work in different types of mechanical as well as electronics machineries and can be able to manufacture different mechatronics components.
- Duration** : 3 Years
- Course Content** : Combined subjects of Mechanical, Electrical & Electronics
 N.B. : Course contains 70% Practical & 30% Theory.
- Mode of Selection** : Selection will be based on all India level Entrance Examination
- Course Start on** : July
- Course Fee** : Rs. 22,000/- (Per Semester)



3. DIPLOMA IN AUTOMATION & ROBOTICS (DIAR) - (AICTE Approved)

- Objectives** : After completion of the course the trainees will be able to work in different types of mechanical as well as industry automation manufacture different sector.
- Duration** : 3 Years
- Course Content** : Combined subjects of Mechanical, Electrical & Electronics
- Mode of Selection** : Selection will be based on all India level Entrance Examination
- Course Start on** : July
- Course Fee** : Rs. 22,000/- (Per Semester)



4. ITI MACHINIST - [NCVT Approved]

Duration	: 2 Years
Course Content	: As per NCVT Syllabus
Mode of Selection	: Selection will be based on SAMS Portal
Course Start on	: July
Course Fee	: Rs.26000/- (per year)
Course Location	: For Mechanist-CTTC, Bhubaneswar



5. "CERTIFICATE COURSE IN TOOL & DIE MAKING

NEW NAME : JR. TECHNICIAN-TOOL & DIE MAKER NSQF LEVEL-3.5"

Objectives : Learners who attain this qualification are competent in Tool and Die Manufacturing and can get a job in a captive or commercial Tool Room. Qualified Learners can set up their own Tool and Die manufacturing unit that leads to make an entrepreneur.

Job Role : Technician- Tool and Die Maker

Duration : 1 Year/1200 Hrs.

Course Content : "Create Part Drawing using CAD, Checking dimensions of machined Part, Manufacturing of Tool & Die Parts, Use and Application of Engineering Materials, Design of Press Tool Assist in Operation of CNC Machine, Design of Mould, Create & Modify part using higher End software, Generate Part Program for CNC Machine using CAM, Employability Skills"

Mode of Selection : First come first serve basis

Course Start on : March/August

Course Fee : Rs. 59600/- (In 4 Installments)



6. "CERTIFICATE COURSE IN CNC TURNING

NEW NAME : ASSISTANT OPERATOR-CNC TURNING (TOOL ROOM) NSQF LEVEL-3"

Objectives : "The qualification containing different modules which is required for the job role CNC Operator-Turning, this qualifications ultimately helps learner in the following: To be expertise in CNC Lathe operating cum setting To get an employment in Engineering/ Manufacturing industries To become an entrepreneur"

Job Role : Operator – CNC Turning

Duration : 6 Months/ 600 Hrs.

Course Content : Assist in Operation of CNC Lathe Machine, Demonstrate the working Principle of Machine Tools, Checking dimensions of CNC machined Part, Create Part Drawing using Auto-CAD, Employability skills, OJT-60 Hours.

Mode of Selection : First come first serve basis

Course Start on : July/December/February

Course Fee : Rs. 22500/- (In Two Installments)





7. "CERTIFICATE COURSE IN CNC MILLING

NEW NAME : ASSISTANT OPERATOR-CNC MILLING (TOOL ROOM) NSQF LEVEL-3"

- Objectives** : "The qualification containing different modules which is required for the job role CNC Operator-Milling, this qualification ultimately helps learner in the following: To be expertise in operating cum setting of CNC Milling Machine .To get an employment in Engineering/ Manufacturing industries. To become an entrepreneur "
- Job Role** : Operator – CNC Milling
- Duration** : 6 Months/ 600 Hrs.
- Course Content** : Assist in Operation of CNC Milling Machine, Demonstrate the working Principle of Machine Tools ,Checking dimensions of CNC machined Part ,Create Part Drawing using Auto-CAD, Employability skills , OJT-60 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : July/December
- Course Fee** : Rs. 22500/- (In two installments)



8. JR. TECHNICIAN - COMPUTER HARDWARE & NETWORK NSQF LEVEL-3

- Objectives** : Jr. Technician - Computer Hardware & Network is responsible for basic hardware and networking tasks, including Basic Electronics repair, assembling computers, troubleshooting, installing operating systems, and configuring small networks.
- Job Role** : Technician - Computer Hardware & Networking
- Duration** : 4 Months/390 Hrs.
- Course Content** : "Understand Basic Electronics & its Repairs. Install Computer Peripherals & their Maintenance. Operates System Software Installation. Monitoring Network Setup & their Maintenance. Employability Skill"
- Mode of Selection** : First come first serve basis
- Course Start on** : September/December/March
- Course Fee** : Rs. 18500/- (In two installments)



9. "ADVANCE CERTIFICATE COURSE IN INSPECTION & QUALITY CONTROL

NEW NAME: JR. TECHNICIAN - INSPECTION & QUALITY CONTROL NSQF LEVEL-3"

- Objectives** : "Learners who attain this qualification are competent in Inspection and Quality Control and get a job as Quality Control Inspector/ Quality Controller in Manufacturing Sector/Industry. Qualified learners who attain the above skill can also become an Entrepreneur. "
- Job Role** : Technician – Inspection and Quality Control
- Duration** : 6 Months/ 600 Hrs.
- Course Content** : Create Part Drawing using Auto-CAD, Demonstrate the working Principle of Machine Tools,Asst. in Checking & Inspection of Part, Employability skill, OJT-90 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : August/November/January
- Course Fee** : Rs. 22500/- (in two installments)



10. "ADVANCE CERTIFICATE COURSE IN WELDING TECHNOLOGY NEW NAME: JR. TECHNICIAN - WELDING NSQF LEVEL-3"

- Objectives** : "The qualification containing different modules which is required for the job role Welding Technician, after completion of this course learner shall be able to: 1. Understand the various welding methods, 2. Perform welding operation on different materials with selection of appropriate welding methods, 3. Read basic engineering drawings for welding operation, 4. Get an employment in Engineering/ Manufacturing and also become an entrepreneur "
- Job Role** : Technician – Welding
- Duration** : 6 Months/ 600 Hrs.
- Course Content** : Interpret Engineering Drawing, Perform Machining Operation on Conventional Machine, Carry out Welding Operations (Arc and Gas Welding), Employability skills, OJT-90 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : August & February
- Course Fee** : Rs. 29,900/- (in two installments)



COURSES FOR UNDER MATRIC STUDENTS

"CERTIFICATE COURSE IN MACHINE OPERATION (CCMO) , NEW NAME: Asst. Operator – Conventional Machines (NSQF Level 2.5)"

- Objectives** : "After attending this qualification participants will be able to. Operate conventional Machines (Lathe, Milling, Grinding, Drilling). Read the Drawing to produce the job on a machine . Measure Dimensions using linear Measuring Instruments"
- Job Role** : Operator – Conventional Machines
- Duration** : 1 Year/ 1200 Hrs.
- Course Content** : Carry out Basic Machining Operation on Conventional Machine, Read Simple Part Drawing, Perform basic Mathematical calculation for machining, Carry out Advance Machining Operation on Conventional Machine, Employability skills, On Job Training-300 Hours.
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : August/February
- Course Fee** : Rs. 18,500/- (in two installments)



TRAINING PROGRAMMES **COURSES FOR +2 / ANY GRADUATE STUDENTS**

1. "ADVANCED DIPLOMA IN COMPUTER HARDWARE & NETWORK MANAGEMENT

NEW NAME : TECHNICIAN - COMPUTER HARDWARE & NETWORK MANAGEMENT (NSQF LEVEL: 4)"

- Objectives** : "The Technician - Computer Hardware & Network Management is responsible for Understand advanced computer hardware components and their functions, Assemble, configure, and troubleshoot desktop and laptop systems, Operating System Installation & Management and fault tolerant solutions. Understand networking fundamentals, including TCP/IP, subnetting, and network protocols. Configure and troubleshoot network devices (routers, switches, firewalls) maintenance on IT systems and network infrastructure, IT Security & Data Protection."
- Job Role** : Supervisor/Technician - Computer Hardware & Network Management
- Duration** : 600 Hrs./6 Months
- Course Content** : " Prepare Testing & Maintenance of Power Supply-SMPS, Assembly of PC Architecture & their Troubleshooting. Installing System Software & their Maintenance. Managing Network & Windows Server Configuration. Understand & Operate LINUX Operating System & its Management. Employability Skill OJT-60 Hours"
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : May, July, November & January
- Course Fee** : Rs. 29,900/- (in two installments)



2. ADVANCED CERTIFICATE COURSE IN SOFTWARE AND APPLICATION (ACCSA)

- Objectives** : The Advanced Certificate Course in Software and Application program is designed to equip learners with comprehensive knowledge of software development, application programming and system management. Make there Career in software engineering, application development, Database Administrator, Software Tester and IT solutions.
- Job Role** : Software Developer/Application Developer / Web Developer
- Duration** : 780 Hrs./6 Months
- Course Content** : " Understanding C Programming, Debugging & Error Handling. Object-Oriented Programming (OOP) Principles, Function & Error Management. Develop web applications using HTML, CSS, JavaScript Database Management & Data Handling (MySQL, Oracle). Advanced Java is an extension of core Java, focusing on web-based & JDBC, Servlets, JSP"
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : April/ August & December
- Course Fee** : Rs. 22000/- (in two installments)



3. CISCO CERTIFIED NETWORK ASSOCIATE (NSQF LEVEL: 4)

Objectives : The CISCO Certified Network Associate is responsible for fundamental and intermediate networking skills required for designing, configuring, troubleshooting, and securing networks. Configuring and Managing Network Devices (Router & Switches), Wireless Networking & Network Automation.

Job Role : Technician Network Support

Duration : 480 Hrs./4 Months

Course Content : "Introduction to Networks, Switching, . Routing, and Wireless Essentials. Enterprise Networking, Security, and Automation, . Employability Skill, OJT-60 Hours"

Mode of Selection : First Come First Serve Basis

Course Start on : February, May, August & December

Course Fee : Rs. 22000/- (In two Installments)



TRAINING PROGRAMMES COURSES FOR ITI / +2 STUDENTS

1. "ADVANCE CERTIFICATE COURSE IN CNC MACHINING (ACCCM) NEW NAME: TECHNICIAN -CNC MACHINING (NSQF Level 4)"

Objectives : After attaining this qualification, learner will be able to:

- Perform Machine setup , Job setup and operate the machine.
- Perform tool Setting as per job requirement
- Set machining parameters as per the requirement of job.
- Get an employment in Engineering/ Manufacturing industries

Job Role : CNC Operator

Duration : 600 Hrs./6 Months

Course Content : CNC Programming & CNC Machining, Engineering Metrology and Quality Assurance-Theory & Practical, Computer-aided design (CAD), Computer-aided manufacturing (CAM), Employability skills, On Job Training-240 Hours.

Mode of Selection : First Come First Serve Basis

Course Start on : August/October/December/February

Course Fee : Rs. 22500/- (in two installments)



2. TECHNICIAN - HAND HELD PRODUCTS (NSQF LEVEL: 4)

- Objectives** : "Learners who attains this Qualification will be able to: Rectify the faults in the Hand-Held Products like Mobile, Tablet, Laptop Performs front end or hardware level repair as required, resolves software issues and ensures effective functioning before delivering back to customer. To become an entrepreneur"
- Job Role** : Sr. Technician
- Duration** : 510 Hrs./3 Months
- Course Content** : Study on basic electrical/electronics, safety & hand tools –HHP, Advance skill enhancement on troubleshooting, assembly, disassembly & set up on respective products –HHP, Employability skills, OJT-210 Hours
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : August, November , January & March
- Course Fee** : Rs.15000/-



3. TECHNICIAN - ROOM AIR CONDITIONER & HOME APPLIANCES (NSQF LEVEL: 4)

- Objectives** : "Learner who attains this Qualification will be able to:. Installation, repairing & servicing of AC/Refrigerator/Washing Machine & Microwave Oven Refrigeration and Air Conditioner Mechanic in domestic, ice factory, cold storage plants, specialized air conditioning units or Refrigeration, Air Conditioner industries To become an entrepreneur"
- Job Role** : Sr. Technician
- Duration** : 600 Hrs./6 Months
- Course Content** : Study on basic electrical/electronics, safety & hand tools –RACHA, Advance skill enhancement on troubleshooting, assembly, disassembly Installation & Demonstration on Respective Products -RACHA, Employability skills, OJT-210 Hours
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : August, November , January & March
- Course Fee** : Rs. 20000/-



TRAINING PROGRAMMES

COURSES FOR DIPLOMA / DEGREE IN MECHANICAL/ PRODUCTION/ AUTOMOBILE OR EQUIVALENT ENGG.

1. "POST DIPLOMA IN TOOL & DIE MAKING

NEW NAME: ASSISTANT TOOL & DIE MAKER NSQF LEVEL-4.5"

Objectives : The Candidate will be able to work on conventional, non-conventional, special purpose machines. Design and manufacture of simple press tools, jigs and fixtures. Generate CAM programs.

Job Role : ASSISTANT TOOL & DIE MAKER

Duration : 1 YEAR

Course Content : AUTOCAD, SOLIDWORKS, NX CAD, NX CAM, FUSION 360, MASTERCAM, Press Tool Technology, Mould technology, CNC Technology, Production technology, Metrology, Jigs and Fixtures, Material Technology and Heat Treatment, Strength of Materials, Tool design drawing, Work shop practice, Employability skills.

Mode of Selection : First come first serve basis

Course Start on : July/November/January

Course Fee : Rs. 54,800/- (in 4 installments)



2. "MASTER CERTIFICATE COURSE IN CAD CAM

NEW NAME:JR. DESIGNER – CAD/CAM NSQF LEVEL-4.5"

Objectives : "The qualification containing different modules which is required for the job role CAD/CAM Engineer, this qualification ultimately helps learner in the following: To be expertise in CAD/CAM/CAE Software Application To get an employment in Engineering/ Manufacturing industries to become an entrepreneur"

Job Role : CAD/ CAM

Duration : 6 Months/ 600 Hrs

Course Content : SOFTWARES(AutoCAD, NX,SOLIDWORKS, CATIA,CREO,ANSYS, MasterCAM), BASIC MACHINING PROCESS, CNCProgramming, CNC Machine Practice, Employability Skill & Project works.

Mode of Selection : First come first serve basis

Course Start on : May, July, August, November & January

Course Fee : Rs. 29,900/- (in 2 installments)



3. "MASTER CERTIFICATE COURSE IN TOOL DESIGN NEW NAME: JR. DESIGNER - TOOL NSQF LEVEL-4.5"

- Objectives** : "Assist the Sr. Tool Designer in Designing the Tool • Design and develop Tools and die with the use of high end CAD / CAM Software • Prepare the Bill of material for the Tool and Die • Get an employment in Tool Room / Manufacturing industries / MSMEs"
- Job Role** : Designer - Tool
- Duration** : 1 Year / 1200 Hrs.
- Course Content** : AUTOCAD, SOLIDWORKS, NX CAD, NX CAM, MASTERCAM, DESIGN OF PRESS TOOL, DESIGN OF MOULD, DESIGN OF JIGS AND FIXTURE, EMPLOYABILITY SKILL
- Mode of Selection** : First come first serve basis
- Course Start on** : July/November/January
- Course Fee** : Rs. 29,900/- (in 2 installments)



4. "ADVANCE DIPLOMA IN CNC PROGRAMMING TECHNIQUES & PRACTICES NEW NAME: CNC PROGRAMMER – TOOL ROOM NSQF LEVEL-4.5"

- Objectives** : "This is an Advance Diploma programme in which students tend to get excellent career opportunities in the field of CNC and To upgrade professional skills of the learner to deal with technological change. 1. Learners who attain this qualification are competent in CNC programming for manufacturing sector. 2. Qualified learners are competent to get an employment in Engineering/ Manufacturing industries as per the requirement of MSMEs 3. Qualified learners will become an entrepreneur"
- Job Role** : Supervisor, CNC Programmer
- Duration** : 6 Months/ 600 Hrs.
- Course Content** : Understand the Concept of Production Process, Read, Interpret and Create Part Drawing using Auto-CAD, Create, Generate and Execute CNC Program for Manufacturing Process, Check and Inspect dimensions of machined Part using various Measuring instrument, Employability skills
- Mode of Selection** : First come first serve basis
- Course Start on** : July, September, November & February
- Course Fee** : Rs. 29,900/- (in 2 installments)



TRAINING PROGRAMME **COURSE FOR ITI ELECTRICAL OR EQUIVALENT**

ADVANCE CERTIFICATE COURSE IN MACHINE MAINTENANCE

NEW NAME: TECHNICIAN - MACHINE MAINTENANCE (MECHATRONICS) NSQF LEVEL: 4.5

- Objectives** : This is a course specially designed to upgrade the Skills of ITI passed in the field of Industrial Maintenance to deal with the technological change, in which learners tend to get excellent career opportunities in the field of Machine maintenance. Learners who attain this are competent in Machine Maintenance and can get a job as Maintenance Technician. Qualifying learners attain skills to work in the Maintenance department to carry out different types of Maintenance work for various machines & equipment used in Industry. Qualified learners will also become an entrepreneur.
- Job Role** : Senior Technician
- Duration** : 1 Year/1200 Hrs.
- Course Content** :
1. Single Line diagram with E-CAD
 2. Transmission & Control
 3. PLC Programming
 4. Machine Maintenance (Electrical)
 5. Basics of Machine Operation
 6. Machine Maintenance (Mechanical)
- Mode of Selection** : First come first serve basis
- Course Start on** : Sep/Nov/Feb
- Course Fee** : Rs. 32800/-



TRAINING PROGRAMMES **COURSES FOR DEGREE IN MECHANICAL/** **PRODUCTION/ AUTOMOBILE OR EQUIVALENT ENGG.**

1. POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD/CAM (PGDTD)

NEW NAME - SR. TOOL DESIGNER- CAD/CAM (NSQF LEVEL : 6.5)

- Objectives** : After Completion of the course, the trainees will be able to work in design department to carry out designing of different tools & dies using CAD/CAM Software.
- Job Role** : Tool Designer or CAD CAM Engineer
- Duration** : 1 Year (8Hrs./Day)
- Course Content** :
- CNC Programming & CNC Machine Practice, Computer Aided Design (Autocad & Solidworks), Computer Aided Manufacturing (Master CAM & NX CAM), Design of Jigs & Fixtures. Design of Press Tools, Design of Die Casting Die, Advance Metrology, Advanced CAD-I (NX & CATIA), Manufacturing process- Process Planning & Heat Treatment, Advanced CAD-II (Creo), Computer Aided Engineering (ANSYS), Rapid Prototyping & Reverse Engineering, Entrepreneurship, Engineering Research Methodology, Project work.
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : July, November & January
- Course Fee** : Rs. 60,800/- (In Four Instalment)



2. "POST GRADUATE DIPLOMA IN AEROSPACE MANUFACTURING NEW NAME: SR.PRODUCT MANAGER (AEROSPACE MANUFACTURING) NSQF LEVEL-6"

- Objectives** : "After Completion of This Qualification Candidate can be able to Manufacture Aerospace Product Conduct Quality Assurance as per DGQA Comply with Quality Audit of Aerospace Comply as per Product Life Cycle Management "
- Job Role** : Sr. Product Manager (Aerospace Manufacturing)
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Production Process Planning with ERP,CNC Technology,Computer Aided Manufacturing, Computer Aided Design with Analysis, Understanding & Application of Aerospace Materials,QMS & FAI, AS 9100, Quality Control & Inspection,Employability Skills, OJT-120 Hrs.
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : July& November
- Course Fee** : Rs. 29,900/- (in two installment)



TRAINING PROGRAMMES COURSES FOR DIPLOMA IN ELECTRICAL OR ELECTRONICS ENGG.

1. "ADVANCE DIPLOMA IN MACHINE MAINTENANCE & AUTOMATION NEW NAME: SR. TECHNICIAN - MACHINE MAINTENANCE AND AUTOMATION NSQF LEVEL-4.5"

- Objectives** : "This qualification contain various module for the job role Sr, Technician (maintenance) in which students tend to get excellent career opportunities in the field of Machine Maintenance and shall be able to : 1. Upgrade professional skills of the learner to deal with technological change 2. Can perform maintenance activities for Tool Room machines and equipment's in MSMEs 3. competent to get an employment in Engineering/ Manufacturing industries as per the requirement of MSMEs"
- Job Role** : Sr. Technician -Machine Maintenance and Automation
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Demonstrate the Basic Machine Operation, Maintenance of Hydraulics & Pneumatics Components.,Create & Modify the Electrical circuit diagram using CAD software,Carry out Machine Maintenance activities (Electrical), Basics of Industrial Automation,Employability skills,OJT-120 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : May,July,September,November & March
- Course Fee** : Rs. 29,900/- (in 2 installments)



2. "ADVANCE EMBEDDED TECHNOLOGY NEW NAME: JR. EMBEDDED DEVELOPER NSQF LEVEL-4.5"

- Objectives** : "Learners who attain this qualification will be able to • Develop Programmes for Microcontrollers used in Industrial Applications • Work on Embedded Hardware & Software • Design Printed Circuit Board • Integrate Computer System to IOT devices and products"
- Job Role** : Developer / Jr. Embedded Developer
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Embedded Program Development on different microcontroller, IoT application development on R-Pi and Node-MCU, Digital Logic design and Programming on FPGA and CPLD, Layout Design and Fabrication of PCB, PROJECT, Employability Skills OJT-60 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : May, July, September & January
- Course Fee** : Rs. 29,900/- (in 2 installments)



3. POST DIPLOMA IN INDUSTRIAL AUTOMATION AND ROBOTICS (PDIAR) – [NSQF Level : 6]

- Objectives** : After completion of the course, the trainees should be able to fit to work in Electrical Engineering & Electronics Engineering automation field as well as can be able to work in industrial robots.
- Job Role** : Automation Supervisor & Robotic Engineer
- Duration** : 1 Year (6hrs./ Day)
- Course Content** : To have broad knowledge of Automation Techniques, Robotics and Automation systems, Drives, Hydraulics & Pneumatics. To apply Automation and Robotics principles for solutions to the specific problems. To use software for generating solutions in PLC, Hydraulics & Pneumatics. To work as individual & member of inter discipline team in the management supervision. To communicate effectively. To use mathematical skills for solving specific problems. To work on project & have good data collecting, organizing ability. To observe & follow safety. Develop entrepreneurship skills. Generate and update customizable reports and data in presentable form, interpret drawings, draw interferences and workout other technical details. Explain energy flow in electrical, pneumatic and hydraulic sub-systems.
- Mode of Selection** : First Come First Serve Basis
- Course Starts on** : July & December
- Course Fee** : Rs. 54800/- (in 4 installments)





TRAINING PROGRAMMES COURSES FOR DEGREE IN ELECTRICAL OR ELECTRONICS ENGG.

1. "MASTER CERTIFICATE COURSE IN AUTOMATION AND PROCESS CONTROL NEW NAME: PROCESS DESIGNER – AUTOMATION" (NSQF LEVEL-5.5")

- Objectives** : An Automation Engineer uses technology to improve, streamline and automate manufacturing, electricity generation, warehouse distribution, mining and many other processes to reduce the need for human intervention and maximise efficiency. They are responsible for planning, implementing and monitoring such technology. They develop and implements information and technology providing electrical, electronic, mechanical and computer-based all industrial systems to work intended and planned manner.
- Job Role** : Asst. Manager/Process Designer - Automation
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Development of Industrial Automation system using PLC, SCADA, HMI & DCS., Design and testing of control & power connections of different AC & DC industrial Drives. Development of Industrial Automation system using Pneumatics & Hydraulics system, Design and development Process Automation as Flow control, Temp control, Level control, Pressure control with PID, Develop Programme for industrial Robot & Cobot., Create and modify electrical circuit diagram, estimation & data linking using Ecad software., OJT-60 Hours
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : April, July, November & January
- Course Fee** : Rs.29,900/- (in 2 installments)



TRAINING PROGRAMMES COURSES FOR DIPLOMA/ DEGREE IN MECHANICAL/ ELECTRICAL/ ELECTRONICS

1. "POST DIPLOMA IN MECHATRONICS NEW NAME : SR. TECHNICIAN - MECHATRONICS NSQF LEVEL-4.5"

- Objectives** : The qualification contains different modules which are required for the job role of Sr. Technician (Mechatronics). This qualified learner shall be able to: • Install, operate the mechatronics system • Prepare and execute logic using PLC / SCADA programming. • Prepare Electrical system drawing • Use and control the system using pneumatics and Hydraulic • To get an employment in Engineering/ Manufacturing industries and also become an entrepreneur.
- Job Role** : Supervisor/Sr. Technician -Mechatronics
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Demonstrate the Application of Sensors and Actuators, Develop Automation Logics using PLC and SCADA, Create & Modify the Electrical circuit diagram using CAD software, Develop Hydraulics & Pneumatics Circuit for automation application, Mechatronics Technology Employability skills
- Mode of Selection** : First come first serve basis
- Course Start on** : June & January
- Course Fee** : Rs. 29,900/- (in 2 installments)



TRAINING PROGRAMMES

COURSES FOR DIPLOMA / DEGREE IN CIVIL ENGG.

1. "POST DIPLOMA IN STRUCTURAL ANALYSIS & PROJECT MANAGEMENT

NEW NAME : PROJECT COORINATOR (CONSTRUCTION) NSQF LEVEL-5.5"

- Objectives** : "Learners who attain this qualification are competent in Civil Construction work and can get a job in a captive or commercial construction work or become an entrepreneur and Qualifying learners shall be able to : • Work in Auto-CAD, STADD. Pro, 3Ds-Max & Sketch-Up, Estimation & Costing, Advance Survey, Soft Skill, Revit, Tekla, Arc-GIS, Primavera, Advance Road Design & Material Testing. Carry out structural planning & designing, interior & exterior designing, estimation and costing related to constructional work. Design civil constructional work by considering the strength of civil construction. Coordinate the project management in different project works. "
- Job Role** : Deputy Project Manager /Project Coorinator (construction)
- Duration** : 1200 Hrs/ 1Year
- Course Content** : "Sketch Architectural drawings, section view, 3D View,Analysis of structure & foundation with IS Code,Design exterior and interior, render, animation with 3DS Max & sketch up, create Color & shadow in Photoshop, Estimation of building with rate analysis of civil works,Intro to surveying, leveling, types, GPS/DGPS function & usesCarry out Architectural modeling, exterior and interior, render, and animation with Revit detailing, Demonstrate Tekla for steel, /concrete structure & bridge design with load application,Create types of topographical map through Arc-GIS software,Demonstrate the project, planning, & scheduling by using primavera, 2D/3D drafting including road C-section/I-section design, estimation,Explain Material Testing equipment for soil, aggregate, bitumen and steel,OJT-120"
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : July& February
- Course Fee** : Rs. 54,800/- (in four installment)



2. "ADVANCE DIPLOMA IN STRUCTURAL DESIGN & ANALYSIS

NEW NAME : FRONT LINE JUNIOR SUPERVISOR (CONSTRUCTION) NSQF LEVEL-4.5"

- Objectives** : "Learners who attain this qualification are competent to work in Civil Construction and can get a job in a captive or commercial construction sector or become an entrepreneur. 1. Qualifying learners attain skills to work in Auto CAD, STADD PRO, 3D Studio MAX, REVIT, Adobe Photoshop, GPS , DGPS Auto Level & total station 2. Qualified learners are capable in Estimation and Costing related constructional work 3. Qualified learners are able to design civil constructional work by considering the strength of Civil Structure"
- Job Role** : Front Line Junior Supervisor (Construction)
- Duration** : 600 Hrs/ 6 Months
- Course Content** : Sketch Architectural drawings, section view,3D View.,Analyze concrete & steel structures, applying properties & loads. Design exterior/interior, Render with 3Ds MAX & Revit, create color/shadow in Photoshop, Use of building materials and their function and construction procedure.,Intro to surveying, leveling, types, GPS/DGPS function & uses., Estimation of building with rate analysis of civil works.,Employability Skills, OJT-60 Hours
- Mode of Selection** : First come first serve basis
- Course Start on** : May,July,September,November,January & March
- Course Fee** : Rs. 29,900/- (in 2 installments)



DIPLOMA / DEGREE IN IT OR EQUIVALENT

1. "DATA ANALYSIS ASSOCIATE (NSQF LEVEL 4)"

Objectives : The Data Analyst Associate Qualification is meant to inculcate the basic skills of data handling, processing and visualization. The trained learner will be able to view data in summary and aggregated form, he/she would be able to formulate equation for prediction.

Job Role : Data Analyst

Duration : 450 Hrs./4 Months

Course Content : Data Analyst Using PYTHON, EXCEL, ADVANCE EXCEL, TABLEAU, POWER BI, BIG DATA, HADOOP, PYSPARK

Mode of Selection : First Come First Serve Basis

Course Start on : JULY/SEPT/JAN

Course Fee : Rs. 22,550/-



2. FULL-STACK DEVELOPER (NSQF LEVEL 4.5)

Objectives : The Full-Stack Developer program is designed to equip learners with essential front-end and back-end development skills. The course focuses on building dynamic, scalable, and interactive web applications. Understand the software development lifecycle (SDLC) and Agile methodologies i.e. Core Java, Advance Java (Hibernate, Servlet & JSP), Spring Framework (Spring Boot). then we have covered frontend technologies i.e. HTML, CSS, JavaScript, Bootstrap and Cloud Computing Docker, Kubernetes.

Job Role : Web Developer/ Full-Stack Developer /Database Administrator

Duration : 600 Hrs./6 Months

Course Content : "Understanding the Concepts of C and Python Programming,. Gaining knowledge in Oracle and MySQL Database Management System, Working Back-End design with Spring Boot & Hibernate Framework, Mastering UI design with Angular,. Deploying & Hosting Application with Docker & Kubernetes,. Employability Skill,. OJT-60 Hours"

Mode of Selection : First Come First Serve Basis

Course Start on : April, August & December

Course Fee : Rs. 29,900/- (in 2 installments)



3. ARTIFICIAL INTELLIGENCE APPLICATION DEVELOPER NSQF LEVEL-4.5

- Objectives** : "Gain AI technical confidence: Demystify AI and equip the future workforce with the confidence to learn and apply AI skills independently. • Enhance employability for AI-related jobs: Build necessary technology, career growth and social skills on AI for jobs ahead • Entrepreneurship Development."
- Job Role** : "AI -Machine learning Developer AI & Machine Learning (ML) Engineer"
- Duration** : 540 Hrs./5 Months
- Course Content** : PYTHON PROGRAMMING, DATA ANALYSIS, MACHINE LEARNING, DEEP LEARNING, DATA VISUALIZATION TOOLS, EMPLOYABILITY SKILL
- Mode of Selection** : First Come First Serve Basis
- Course Start on** : JULY/SEPT/JAN
- Course Fee** : Rs.26,960/- (in 2 installments)



4. GRAPHIC & WEB DESIGN ASSISTANT NSQF LEVEL- 4

- Objectives** : Learners can perform Computer Generated Imagery, UI Design, UX Design, Website Designing, Front-End & Back-End Development. Qualified learners are competent to get an employment in Media and Entertainment sector as per the requirement of MSMEs. Qualified learners will become an entrepreneur.
- Job Role** : GRAPHIC AND WEB DESIGNER
- Duration** : 6 MONTHS
- Course Content** : PHOTOSHOP, ILLUSTRATOR, UI/UX DESIGN, FIGMA, XD, WEB DESIGN, HTML, CSS, JAVASCRIPT, BOOTSTRAP, EMPLOYABILITY SKILL.
- Mode of Selection** : FIRST COME FIRST SERVE BASIS
- Course Start on** : JULY/NOV/JAN
- Course Fee** : Rs.29,900/-



5. JUNIOR WEB DESIGNER NSQF LEVEL- 4

- Objectives** : Learners can perform Computer Generated Imagery, UI Design, UX Design, Website Designing, Front-End & Back-End Development. Qualified learners are competent to get an employment in Media and Entertainment sector as per the requirement of MSMEs. Qualified learners will become an entrepreneur.
- Job Role** : WEB DESIGNER
- Duration** : 390hrs
- Course Content** : UI/UX DESIGN, FIGMA, XD, WEB DESIGN, HTML, CSS, JAVASCRIPT, BOOTSTRAP, EMPLOYABILITY SKILL
- Mode of Selection** : FIRST COME FIRST SERVE BASIS
- Course Start on** : JULY/NOV/JAN
- Course Fee** : Rs.18,500/-



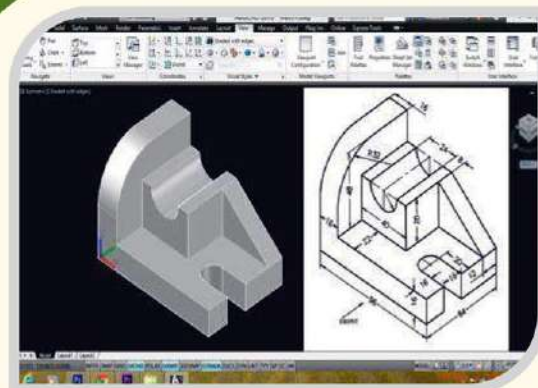
TRAINING PROGRAMMES **SHORT TERM COURSES** **COURSES FOR MECHANICAL/ PRODUCTION/** **AUTOMOBILE OR EQUIVALENT ENGG.**

1. AUTO CAD (MECHANICAL)

- Sketch creation & modification.
- Layout & Standard
- Detailing & Printing.
- Introduction to solid modelling.

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-



2. MASTER CAM

Milling: Sketch Creation, modeling (Solid & surface)

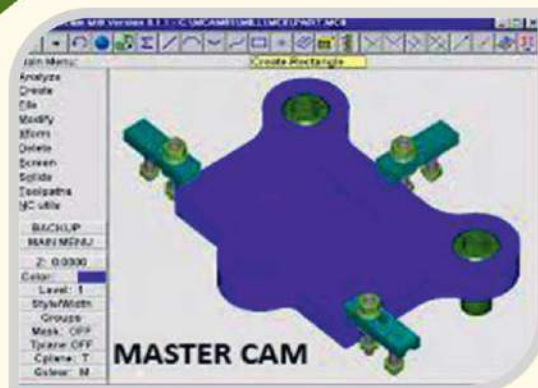
3 Axis Tool path generation & machining.

Turning: Sketch creation & Tool path generation.

Hole making: Centre Drill, Drilling, Peck Drilling, Tapping, Boring.

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

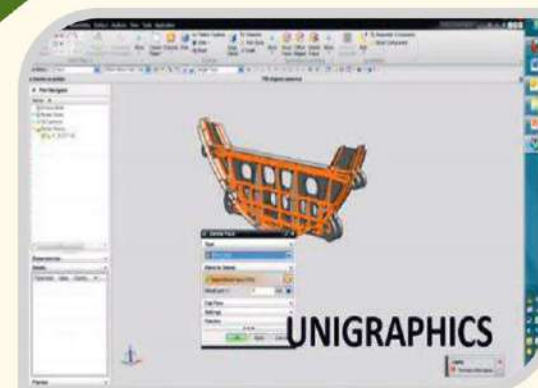


3. UNIGRAPHICS

- Part Design • Assembly • Motion Study
- Drafting (part Assembly & Explode Assembly)
- Surface Modeling • Sheet Metal
- Manufacturing(Milling & Turning)

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

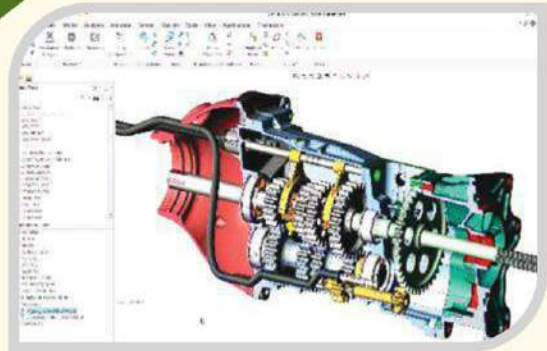


4. CREO

- Part Design
- Mechanical Assembly
- Kinematics
- Drafting(part Assembly & Explode Assembly)
- Surface Modeling
- Sheet Metal

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

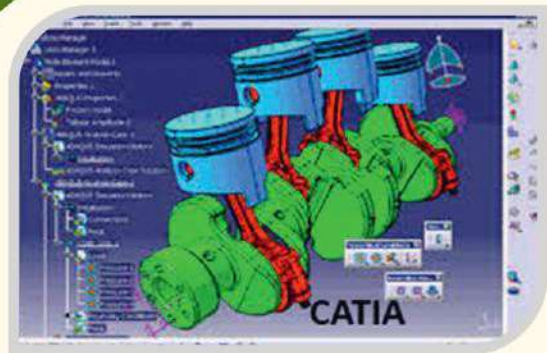


5. CATIA

- Part Design
- Assembly
- Kinematics
- Generative Shape Design
- Drafting & Detailing
- Sheet Metal Design
- Manufacturing(Milling & Turning)

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-



6. Ansys (CFD)

Tools: Ansys workbench latest version

- Introduction to Meshing
- Flow in Elbow Pipe, Simple Pipe- Internal Laminar & Turbulent Flow.
- Fluid Flow and Heat Transfer
- Flow Through CD Nozzle & Venturimeter
- External Flow Simulation
- Analyzing FSI (fluid structure interaction)

Duration : 6 hrs. Per day (1 Month)

Course Fee : Rs. 10.000/-



7. SOLIDWORKS

- Sketcher & Constraint
- Part Design
- Wireframe & Surface Design
- Assembly & Kinematics
- Drafting & Detailing
- Core & Cavity Extraction

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-





8. ANSYS (Structural & Thermal)

Tools: Ansys workbench latest version

FEA, Ansys & Mesh integrations.

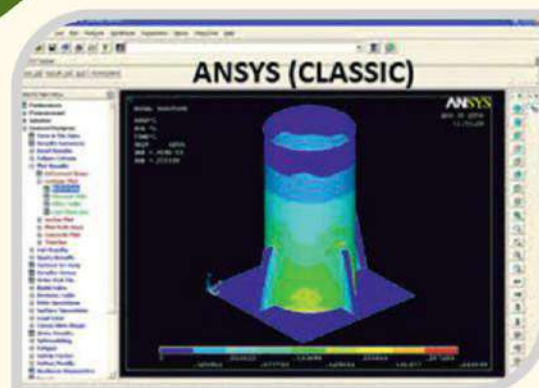
Structural analysis:

- Linear, Non Linear (Material, Geometric & Contact), Dynamic (Modal, Harmonic, Transient dynamic, Xplicit dynamics etc.)

Thermal Analysis, Couple Field Analysis

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

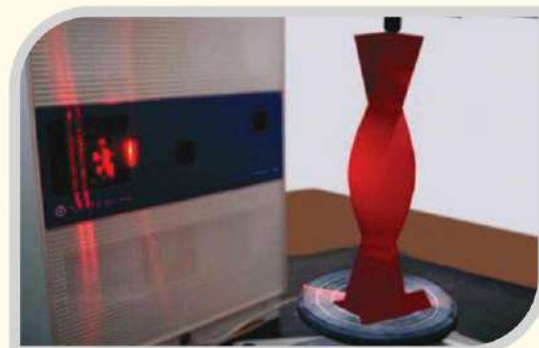
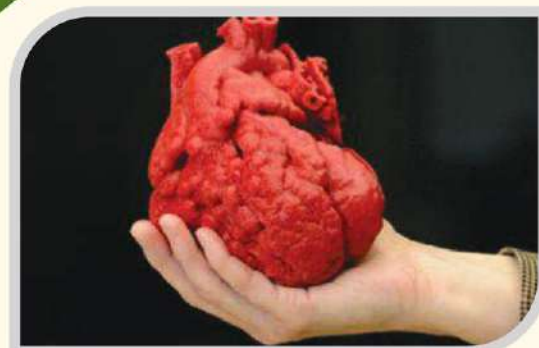


9. 3D Printing

- Introduction to Additive Manufacturing
- Comparison of Subtractive & Additive Manufacturing
- Classification of Additive Manufacturing
- New Technologies Used in the field of Additive Manufacturing
- Introduction to 3D Printing
- Technology Used & Advantage over Subtractive Manufacturing
- Demonstration of IdeaMaker
- Introduction to Idea 3D Printer
- Demonstration of 3D Printing Machine
- Demonstration of Metal 3D Printing Machine
- Working Procedure & Process Chain
- Post Processing Procedures
- Introduction to 3D Scanning
- Scan Data Creation & Scanning Methodology

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-



10. CNC TURNING & MILLING

- Introduction to CNC Technology
- NC & CNC Machines, Machine Parts & Types of Controllers
- G Codes & M Codes
- Basic Part Programming Techniques & Implementation of G Code & M Code
- Types of Cutting Tools, Tool Holders, Inserts & Selection of Cutting
- Tool for Particular Operation
- CNC Milling Machine Practice
- CNC Turning Machine Practice

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.6,336/-



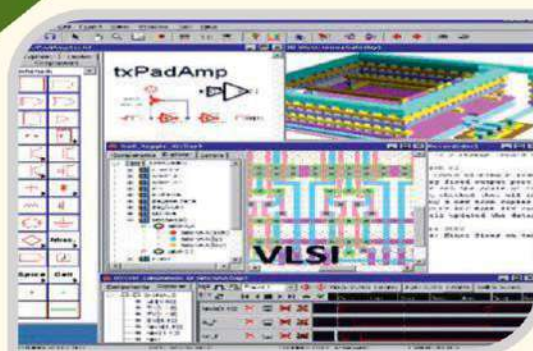
TRAINING PROGRAMMES COURSES FOR ELECTRICAL/ ELECTRONICS OR EQUIVALENT ENGG.

1. VLSI

- Introduction of VLSI • Semiconductor Physics • Analog/ Digital Electronics, EDA Tools • CMOS & layout design using MICROWIND • VHDL & Verilog HDL programming & simulation using XILINX & ALTERA QUARTUS • Interfacing of PLDs (SPARTAN, VIRETEX, CYCLONE) • Analog circuit design and verification through FPAA using ANADIGM • Basics of Microcontroller • Project Work

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-



2. PLC PROGRAMMING

- Introduction to Automation & Safety • Details of Field Level Control and Applications • PLC Hardware details and configuration • IEC Programming Languages for PLC • Analog and Digital Process Programming • Practice on Industrial Logics • PLC Network Architecture • Interaction of PLC with Field Devices • Offline and Online Fault Monitoring

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

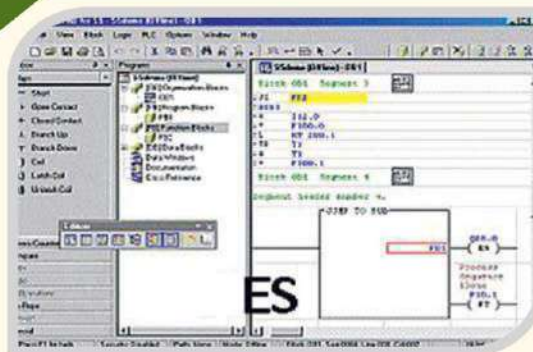


3. EMBEDDED SYSTEM

- Introduction to Embedded Systems • Assembly & Embedded 'C' Programming • Addressing of 8051 • P1C18 & ARM 7 using RIDE • PROTEUS, MPLAB, KEIL & Crosswire • Interfacing of peripheral devices with 8051, p1C18 & ARM 7 • Project Work

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

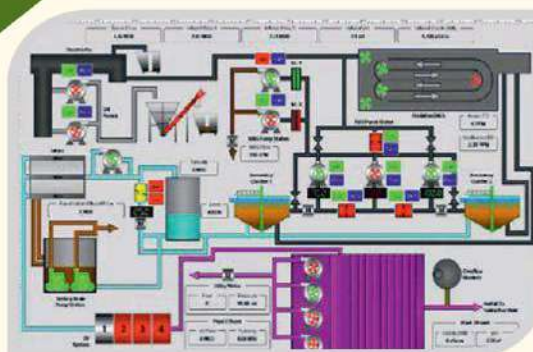


4. SCADA

- Introduction to Supervisory Control • Different Operation Levels of SCADA • Functionalities of SCADA • Hardware for SCADA System • Software Interface • Creation of GUI & HMI Configuration • SCADA Network Architecture • Data Acquisition and Report Generation • GUI Interface with Control and Field Device

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-





5. ELECTRICAL CAD

• Introduction of CAD • Importance of Electrical CAD • Co Ordinate System and 2D Drafting Features • 3D Drawing and Drafting • Electrical Circuits and Line Diagrams • Control and Power Circuit Drawing • Grid Designing with Transmission and Distribution • House Wiring and Panel Designing • Panel Designing with EPLAN • Report Generation

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

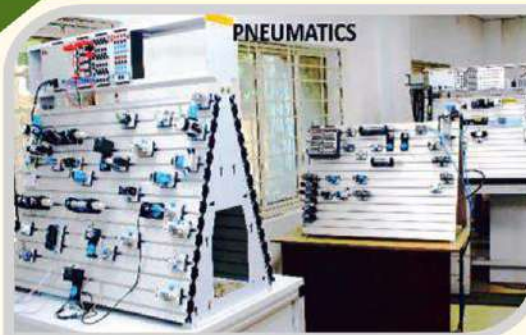


6. HYDRAULICS & PNEUMATICS

• Introduction to Fluid Engineering • Hydraulics and Pneumatic System • Safety and Operation of Pneumatics and Hydraulics • Components and Accessories for Pneumatics and Hydraulics • Different kinds of Valves and Actuators • Flow Diagram and Simulation Using Software • Practice with Physical Units • Electro Hydraulics and Pneumatics • Interface with PLC and OPC Server • Hydraulics and Pneumatics Fault Monitoring • Check list for Hydraulic and Pneumatic System Maintenance

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.8,000/-



7. SURYAMITRA

Objectives : After completion of the course, the Trainees will be able to install & maintain a stand-alone or grid connected photo voltaic power system.

Job Role : Skilled Technician

Duration : 3 Months (300 Hrs.)

Course Content : Basic Electricals, Semiconductor Physics, Soldering Technique, Basic Terminology of Solar System, Fundamental of Solar PV cell & Panel, Entrepreneurship, Soft Skill, Troubleshooting of Solar PV System

Mode of Selection : First come first serve basis

Course Fee : Rs.12,000/-



8. PROCESS AUTOMATION

Eligibility : Degree/Diploma in Chemical/ Electrical/ Electronics/ Instrumentation/ Mechatronics, ETC or equiv.

Course Content : 1. Electrical Safety and Relay Logic, 2. Calibration of Sensors and Field Instruments, 3. Electrical CKT Design, 4. Electropneumatics Control, 5. PLC and HMI Programming, 6. P & ID Flow Diagram, 7. P, PI, & PID Control, 8. Level, Flow, Pressure, Temperature Loop Control, 9. Open and Close Loop Control, 10. Cascade and Ratio Control, 11. Commissioning and Trouble Shooting

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.8,000/-



9. MECHATRONICS

Eligibility : Diploma in Electrical/ Electronics/ Mechanical/ ETC/ Instrumentation or equivalent

Course Content : 1. Electrical Safety and Electrical Machines, 2. Application of industrial Sensors, 3. Electrical HW Logic Control, 4. Pneumatic and Hydraulic Control, 5. PLC and HMI, 6. Commissioning and Trouble Shooting

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.8,000/-



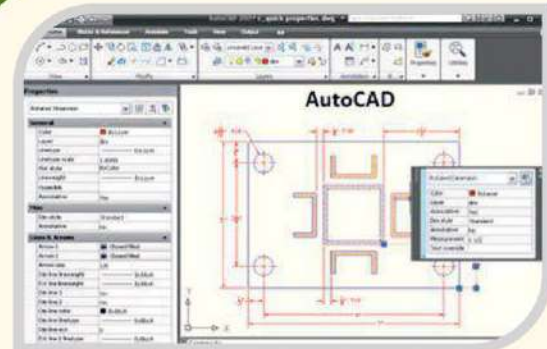
TRAINING PROGRAMMES COURSES FOR CIVIL ENGG.

1. AUTO CAD (CIVIL)

- Basic concept of Drawing
- Auto CAD 2D & 3D Building
- Inertial Design
- Working Drawing
- Steel Structure Detailed Drawing

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.6,336/-

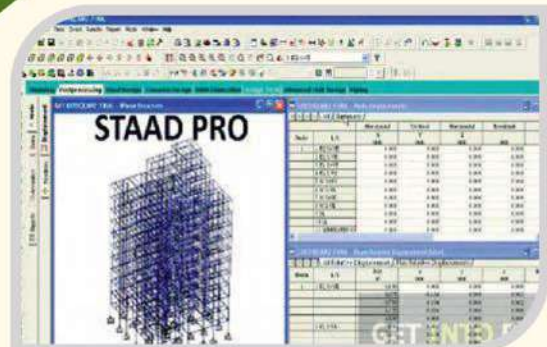


2. STAAD PRO

- Basic concept of 2D & 3D in Auto CAD
- Creating Geometry using different methods in X, Y, Z co-ordinates
- Defining about Beams, Column & Plates
- Support & Properties System
- Different Steel & Load Systems
- Analysis with concrete & steel

Duration : 1 Month / 96 Hrs.)

Course Fee : Rs.6,336/-



3. 3Ds Max

- Introduction to 3Ds Max
- Plan Conversion from Auto CAD
- Usage of Standard Primitives, Compound Object, Shapes
- Copy, Move, Rotate & other Standard Modification tools
- Creation of Door, Window, Stair, Railing, AEC Wall, Foilage
- Material Library, Command Panel
- Interior Design Techniques
- Types of Camera & Light, Rendering & Exporting

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-



4. REVIT Architecture

- Introduction to REVIT
- Set up of Units & Element Properties
- Architectural Modelling
- Editing Tools & Managing Views
- Circulation Elements
- Annotating & Detailing
- Annotating Presentation Tools
- Rendering & Lighting
- Printing, Export/ Import

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.6,336/-



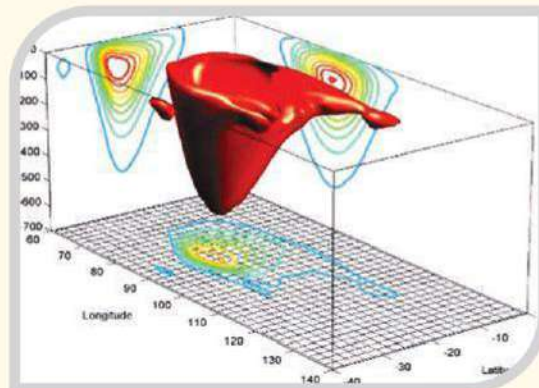
TRAINING PROGRAMMES SHORT TERM COURSES COURSES FOR ANY ENGG. STUDENTS/ GRADUATES

1. MAT LAB

- Parallel Computing
- Math, Statics & Optimization
- Control System Design & Analysis
- Signal Processing & Communications
- Test & Measurement
- Code Generation & Verification
- Application Development
- Database Connectivity & Reporting

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.6,336/-

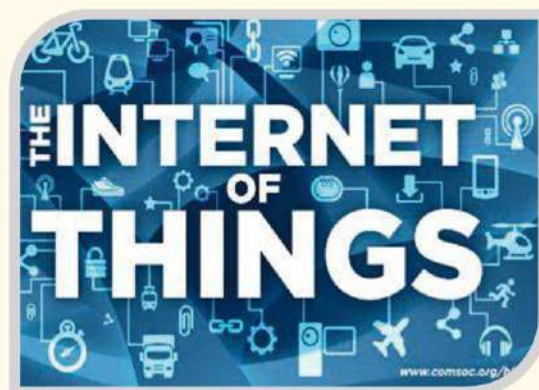


2. INTERNET OF THINGS (IOT)

- Introduction to IOT
- Physical & Logical Design of IOT
- IOT Enabling Technologies
- IOT Levels & Deployment Template
- Domain Specific IOTS
- M2M Communication
- IOT System Management.
- Platform Design Methodology Cloud Computing Data Analytics of IOT
- Python
- Hands on with Arduino, Raspberry Pi, ESP.

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.8,000/-



3. CORE JAVA

- Object oriented programming concepts
- Input & Output in JAVA
- Polymorphism
- Interface in JAVA
- Exception Handling
- SWING, Networking in JAVA
- JAVA Database Connectivity

Duration : 1 Month / 96 Hrs.

Course Fee : Rs.5,500/-

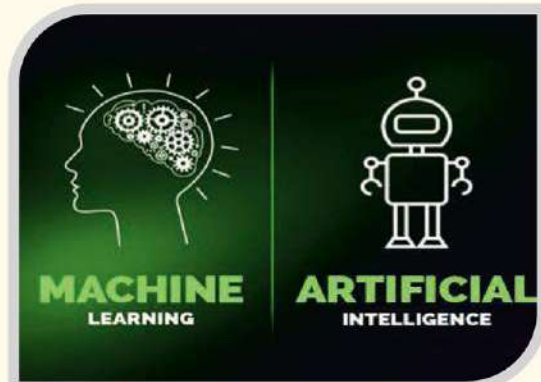


4. Artificial Intelligence & Machine Learning

1. Python Programming
2. Data Analytics for Machine Learning
3. Supervised Learning
4. Unsupervised Learning
5. Artificial Neural Network
6. Computer Vision
7. Natural Language Processing

Duration : 1 Month (3hrs/ Day)

Course Fee : ₹.5,500/-

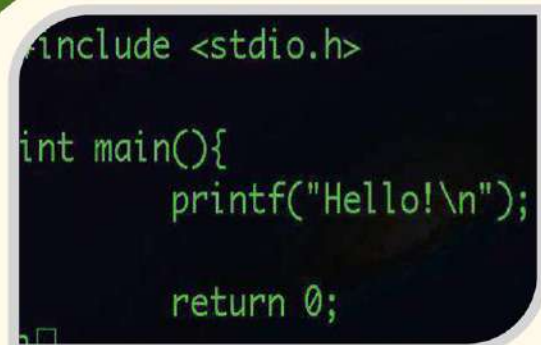


5. PROGRAMMING IN 'C'

- C Tokens
- Array
- Pointer
- String
- Pre Processor
- Control Statements
- Function
- Structure & Union
- Dynamic Memory Management
- File

Duration : 1 Month (3hrs/ Day)

Course Fee : ₹.3,500/-



6. PROGRAMMING IN 'C++'

- Basic Syntax
- Array
- Pointer
- String
- Class & Objective
- Constructor & Destructor
- Virtual Function
- Template
- Control Statements
- Function
- Structure & Union
- Friend Function
- File
- Inheritance
- Name Space
- Exception Handling

Duration : 1 Month (3hrs/ Day)

Course Fee : ₹.3,500/-



7. HARDWARE & NETWORKING

- Computer Fundamentals & MS DOS
- Computer Architecture
- Network Fundamentals
- System Management & Troubleshooting

Duration : 1 Month / 96 Hrs.

Course Fee : ₹.5,500/-





8. ENTREPRENEURSHIP DEVELOPMENT PROGRAMME

- Introduction to EDP
- Entrepreneurial Persons
- Entrepreneurial Communities
- Entrepreneurial Process
- What Does Entrepreneur Do?
- Entrepreneurship & Environment
- Business Terms
- Case Study on Business Secrets
- Steps in Planning New Facilities
- Selection of an appropriate form of Ownership Structure
- Search for Location
- Market Research
- Marketing Survey
- Barriers in Business
- Problem Solving Techniques



Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.3,500/-

9. DATA ANALYTICS

- Microsoft excel (Advanced) Basic Excel, Working with Functions, working with data, pivot table, charts, add-ins.
- Data wrangling with SQL (SQL select statements, SQL functions and expression, SQL updating commands, SQL joins, SQL subqueries and unions).
- TABLEAU (Introduction to tableau, creating charts in Tableau analytics, creating dashboard, stories and publishing dashboards).
- Data analysis with Python (Data analytic packages NUMPY, PANDAS, MATPLOTLIB, SEABORN Machine Learning with Python, Time Series Forecasting, Introduction to Deep Learning)

Duration : 1 Month (3hrs/ Day)

Course Fee : Rs.5,500/-



10. WINDOWS SERVER ADMINISTRATION

1. Network Essential & Windows Server Setup
2. ADDS Services & Domain Configuration
3. User & Group Policy Management
4. Permissions, FSRM, DNS & DHCP
5. IIS, WDS, & Hyper-V
6. FSMO Roles & Remote Access
7. Wi-Fi, N Computing

Duration : 2 Weeks

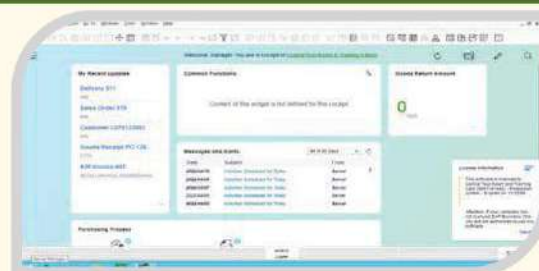
Course Fee : Rs.5,500/-



11. SAP BUSINESS ONE

Duration : 1 Month / 90 Hrs.

Course Fee : Rs.5,940/-

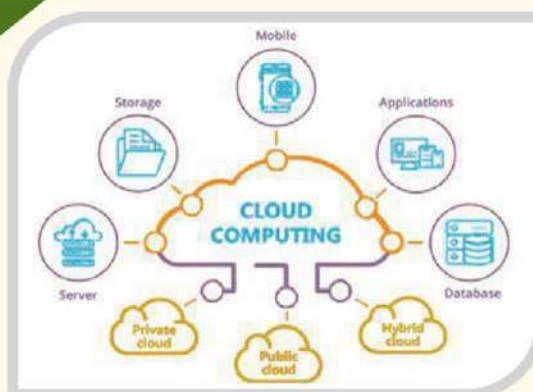


12. CLOUD COMPUTING

1. Introduction to Cloud Computing
2. Cloud Service Models
3. VM with AWS
4. Amazon Elastic Compute Cloud
5. IAM Roles
6. Hosting Website and Servers
7. Block Store & EBS Volumes
8. S3 Bucket, Storage and Load Balancing
9. Redshift Cluster
10. VPC Network

Duration : 1 Month

Course Fee : Rs.5,500/-



13. COMMUNICATION SKILL

1. Introduction to the World of Soft Skill
2. Identifying self Personality
3. Self Assessment Model Tests
4. Presentation & Public Speaking
5. Multiple Intelligence Check
6. Group Discussion
7. HR Interview Techniques
8. Thematic Apperception Test

Duration : 1 Month (3hrs/ Day)

Course Fee : ₹.3,000/-



14. PYTHON

1. Basic Python
2. Object Oriented Programming
3. Database Programming
4. Django
5. Introduction to Machine Learning Packages
6. Project using Django

Duration : 1 Month (3hrs/ Day)

Course Fee : ₹.5,500/-



TRAINING OF TRAINERS FOR TECHNICAL INSTITUTE

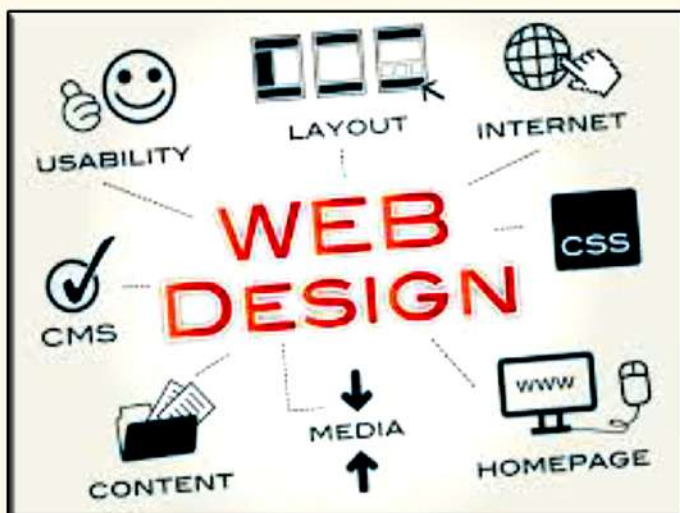


SCHEDULE: EACH SHORT TERM COURSE STARTS ON 1ST WORKING DAY OF EVERY MONTH

15. WEB DESIGN

✿ HTML ✿ CSS ✿ JAVA SCRIPT ✿ BOOTSTRAP

✿ Course Fees : Rs.5,500/- ✿ Duration : 1 Month



16. GENERATIVE AI

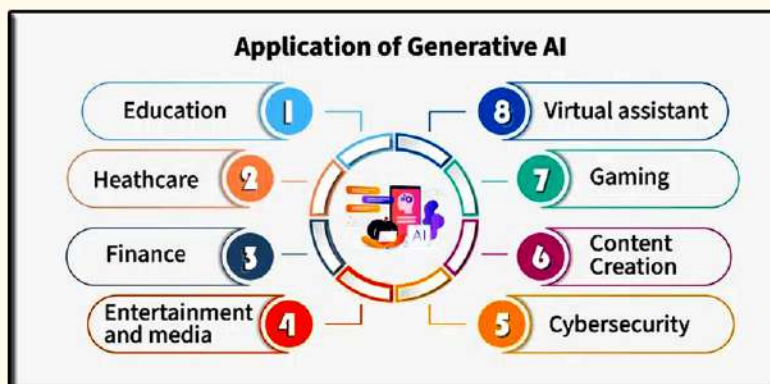
✿ GEN AI

✿ PROMPT ENGINEERING

✿ AI TOOLS FOR GENERATING IMAGES, TEXT, VIDEOS ETC

✿ Course Fees : Rs.4,000/-

✿ Duration : 2 Weeks



Infrastructure at a Glance:

- Modern Tool Room with latest CNC Machines
- Training centre with more than 60 conventional machines, 50 CNC Machines and more than 3000 latest configured computers.
- 62 CAD/CAM/Electrical/Electronics/VLSI Labs
- Design & Development using modern CAD/CAM systems
- Area covered 12.9 acres
- Vacuum Heat Treatment Plant (ALD, Germany)
- 3D Metal Printing Machine
- 3D Plastic Printing Machine
- 5-Axis Milling Machine
- Turn-Mill Machining Centre
- 5-Axis Ultrasonic Machine
- Limited Hostel facility for Boys & Girls



Facilities Available:

- Class room with modern Audio Visual equipment viz. Interactive Board, LCD, OHP, DVD DigiCAM, Video Camera, Plasma TV etc.
- 24 Hours Computer Lab exclusively for Trainees.
- Dedicated 200 Mbps leased line Internet connection
- Inspection department for inspecting the exercise done by the trainees.
- Full-fledged library equipped with books, manuals, catalogues, magazines & journals.

Faculties:

Professionally qualified, experienced and overseas trained full time faculties are engaged in teaching theory & practical.



Placement Cell:

The Placement Cell handles all aspects of Campus placements for the eligible students at CTTC, Bhubaneswar. The centre is well equipped with excellent infrastructure to support every stage of the placement process. Arrangement for Pre- placement Talks, Group Discussions, Interviews etc. are handled by Placement Cell.



GENERAL INFORMATION

ADMISSION CRITERIA

Eligible candidates will be offered admission on first-cum-first-serve basis for selected courses on depositing Registration Fees (As per Course Details) by DD in favour of Central Tool Room & Training Centre, Bhubaneswar along with filled Admission Form. Admission Form along with prospectus can be obtained in person from CTTC, Bhubaneswar or on a request for Admission Form through E-Mail by giving full postal address. The Registration Fee will be adjusted towards course.

- Admission are open for Boys & Girls.
- Admission Process for Individual courses as indicated in Course Details.
- No Tuition Fees for SC/ST candidates (only for Medium & Long Term Courses) - 22.5% seats are reserved for SC/ST category.
- Candidates belonging to reserved category should substantiate their claim by enclosing a Caste Certificate issued by competent authority.

HOSTEL ACCOMMODATION

Separate Hostel Facilities may be provided for outstation boys & girls subject to availability of the accommodation at the discretion of the institute on extra cost as applicable.

RULES FOR AWARDING OF CERTIFICATE

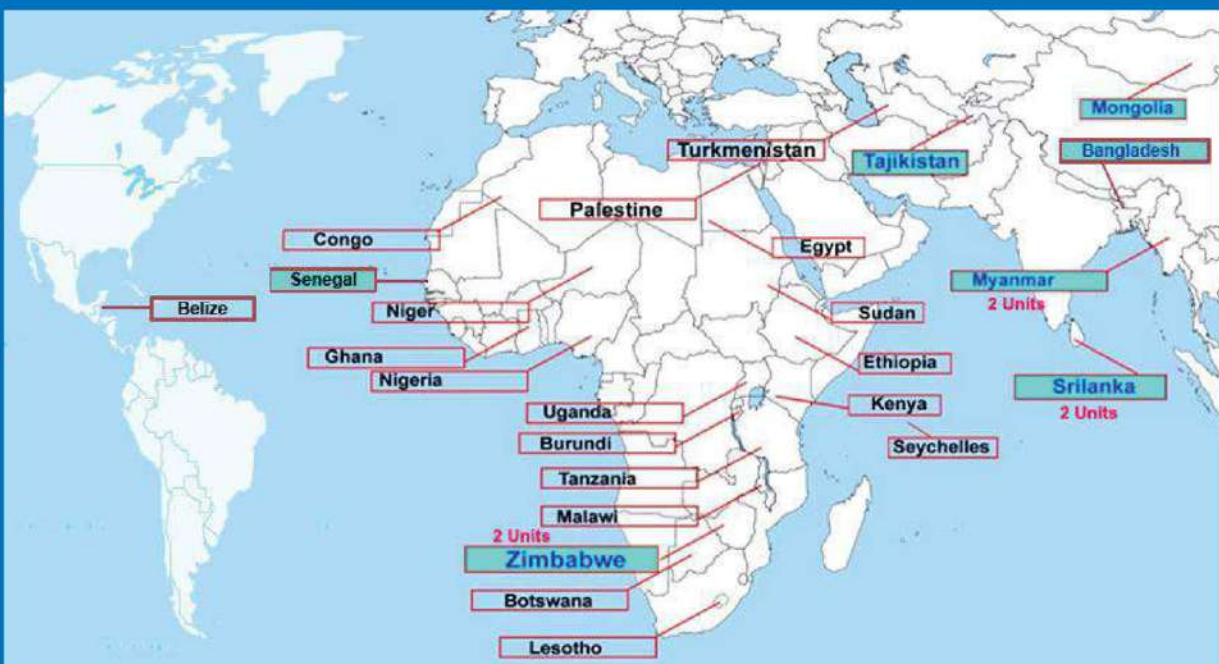
The evaluation system consists of continuous assessment of each module subject to assess the performance of the trainee. Trainee should have minimum 80% attendance.

GENERAL RULES & REGULATIONS FOR TRAINEES

- CTTC reserves the right to reject any application without assigning any reason. Incomplete applications are liable to be rejected.
- Registration Fee is Non Refundable, in case any candidate cancels his admission for any reason.
- Admission to the course will be given only on deposition of first instalment fees by DD & on submission of relevant documents.
- Course Fee once paid will not be refunded under any circumstances.
- Registration/ Course Fee is not transferrable.
- Course Fee for higher/ next semester has to be paid within one week from the starting date of semester & all the candidates belonging to SC/ ST category are required to fill in fresh application form for fee exemption claim, within one week from the starting date of new semester. Late fee will be charged as a fine from the due date as applicable.
- Insurance & other charges as specified for the course to be paid but the trainee in addition to the course fee as applicable.
- Security deposit shall be forfeited in case of loss of original receipt of the security deposit.
- All the trainee will be ensure discipline within the campus.
- Trainee shall be required to wear uniform & shoes as prescribed by the institute and possess I-Card compulsory during training.
- Mobile Phones, Pen Drives, CD any other related items are not permitted inside CTTC premises.
- Regular attendance will have to be maintained by the trainee as per course schedule & 80% attendance is compulsory in all subjects individually.
- Trainees will abide by the examination rules and regulations displayed on Notice Board of CTTC and as amended.
- Leave without information/ permission will not be entertained.
- Trainees going on leave or home during vacation should inform course coordinator compulsorily.
- All the internal assessments, assignments, evaluation will have to be attended/ completed from time to time as per course schedule only.
- No trainee shall be organize/ conduct any meeting within the campus.
- The Machines/ Equipment/ Furniture must be handled carefully. No act of damage to CTTC property shall be carried out by the trainee, any loss or damage to property, including water & electricity usage.
- Smoking & chewing tobacco, possessing or drinking alcoholic beverages in any form is strictly prohibited within CTTC premises.
- Ragging is strictly prohibited in the premises.
- Writing any Comment/ Remarks/ Name on doors, walls, toilet, and notice board is strictly prohibited.
- Study material will be provided on extra cost as applicable.
- Working hours will be 8hrs/day (excluding lunch) in different shifts/ timing as prescribed by the institute.
- Violation of above & any other Rules, Regulations, Disciplines and Conduct are liable for disciplinary action.

“Specializing people all over the world”

Government of India is sharing the technology to other different countries. CTTC, Bhubaneswar offered various Skill Development Programmes in CAD/CAM, tool design & manufacturing, VLSI, hydraulics & pneumatics, PLC & advance networking etc areas for 25 Countries with Turn Key Project in 7 Highlighted Countries.





सत्यमेव जयते

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

MSME TOOL ROOM

Ministry of Micro, Small & Medium Enterprises (Govt. of India)

B-36, Chandaka Industrial Area, Near Infocity
Bhubaneswar-751024, Odisha, India

Phone : 0674-2654770/700, 2654742/743

Fax: 0674-2654768

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

