



TRAINING CALENDAR 2020-21

ISO 9001 : 2015
OHSAS 18001 : 2007
ISO 14001 : 2015
ISO 21001 : 2018

MSME TECHNOLOGY CENTRE - KOLKATA
Central Tool Room & Training centre
Ministry of MSME, Govt. of India.

PROFILE

MSME Technology Centre - Kolkata (formerly Central Tool Room & Training Centre) has been established in the year 1978 under Indo-Danish Technical Co-operation Programme between Govt. of India and Govt. of Denmark.

Now the centre is under the Administrative control of office of the Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, Government of India.

The Centre provides valuable service to the Indian industry by way of precision tooling and providing well trained craftsman in the area of the tool and die making. This centre is highly proficient in mould and die making technology and promotes precision and quality in the development and manufacture of sophisticated medium and large size moulds, dies and tools.

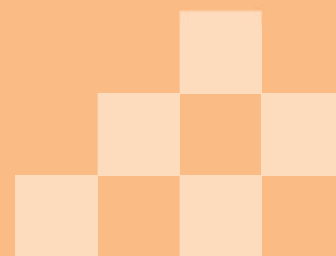
Not only with the best technology, this centre is also abreast with the latest advancement in the field and periodically adds new technology like CAD/CAM/CAE/CNC Machining for Tooling and Vacuum Heat Treatment.

It concentrates on an Integrated Development of the related segments of industries by way of providing International Quality Tools, trained Personnel and Consultancy in tooling and related areas and is constantly crossing new frontiers in their quest for excellence and beyond.





IN BRIEF



From the Desk of General Manager

Dear readers,

I feel glad to introduce our MSME Tool Room Kolkata, a leading institute of high end job oriented professional training institute under Government of India, Ministry of MSME, in Eastern India, which is successfully working to develop the skilled manpower for industry, research & academia.

Our nation is thriving towards becoming an industrially developed nation. I personally believe that proper steps have to be taken from the grass-root in the overall industrial sector growth & development.

In line with the objective MSME Tool Room Kolkata is committed towards forming the backbone, that is well trained man power, for a strong, industrialized, growth oriented India. We hope you enjoy reading the catalogue & find valuable inputs, pertaining to your career development objective.

Shri. DEBDUTTA GUHA
General Manager

ABOUT MSME TOOL ROOM-KOLKATA



Greetings from MSME TOOL ROOM-Kolkata.

MSME TOOL ROOM Kolkata has always been the leading Tool Room & Training Centre under the Ministry of MSME, Govt. of India. Education has traversed a lot and the whole pattern has seen a shift of focus to employability from just a "Degree". Keeping this in mind, we at MSME Tool Room, Kolkata have designed various Training Programme in the field of Tool Engineering, CNC, CAD/CAM/CAE, PLC, SCADA, VLSI, Embedded system, Robotics etc. which enable the students to face the modern Industry challenges.

In today's scenario, a person well armed with education as well as hands on experience with the changing trends of market demand is always granted with an advantage in the hunt of success. With this belief in our minds, we have always looked forward to contributing to the society where every young mind is looking for the right opportunities to make a difference in their lives.

Our well-equipped campus provides a very good environment for learning with good hostel facility for both boys & girls. Since inception our vision is to provide quality technical education to the aspirants.

I heartily welcome all aspirant students to avail the excellent infrastructure available here.

KANAKENDU DAS
Senior Manager (Training)



INFRASTRUCTURE

State of the Art CAD/CAM/CAE LAB

- Seat Capacity – 120
- Software – AutoCAD 2019, Solidworks Creo 5.0, CATIA V6, Ansys 2019 R 1, STAAD Pro 8i, Autodesk Power, Shape & Powermill, 3D Max, Revit, Total Station.
- Smart class room with audio visual facilities.



- CNC Simulation Kit
- HASS Milling Machines
- BFW Milling Machines
- DMG Milling Machines
- Ace Turning Machines

Well-Equipped CNC Section



Well-Equipped Hi-Tech Lab

- VLSI, Robotics
- PLC, SCADA, CCNA
- Embedded Systems
- Hydraulic and Pneumatics
- Computer Hardware and Networking



80% and above Placement Record for Long Term Courses
Campus Interviews, Employee referrals & continuous interaction to the corporate world with special grooming & counselling session to the student well accepted by the Industries.

Placement Assistance



MECHANICAL COURSES



LONG TERM COURSES

DIPLOMA IN TOOL & DIE MAKING (AICTE Approved)

Duration 4 Years	Intake 100	Fee (RS.) 36000/- Per Year	Start Date September, 2020	Selection Written Test / Counselling
Eligibility	Class X Pass or equivalent examination from a recognized University or Board with Mathematics and Science with minimum of 50% in aggregate(40% for SC/ST)			
Contents	Engineering Metrology, Workshop Technology, Engineering Drawing, Strength of Materials, Mould, Press Tool, Jigs and Fixtures. Die Casting & Forging Die, Practice on Fitting, Drilling, Turning, Milling, Grinding, CNC.			
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in			

DIPLOMA IN MECHATRONICS (AICTE Approved)

Duration 3 Years	Intake 30	Fee (RS.) 38000/- Per Year	Start Date September, 2020	Selection Written Test / Counselling
Eligibility	Class X Pass or equivalent examination from a recognized University or Board with Mathematics and Science with minimum of 50% in aggregate(40% for SC/ST)			
Contents	Engineering Mathematics, Engineering Physics, Engineering Chemistry, Engineering Drawing, Electrical & Electronics, Production Technology, Computer Application, Analog Electronics & Digital Electronics, Engineering Metrology, Mechanical Engineering Science, Computer Programming & Networking, Measurement & Mechatronics System, Digital Electronics lab, Micro Processor, Hydraulic & Pneumatics, Mechatronics System Design, Industrial Electronics, Embedded System, CNC Technology, Digital Signal Processing, Logic Control Design, Robotics, Industrial Equipments & Maintenance.			
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in			

DIPLOMA IN TOOL ENGINEERING (NSQF Compliant)

Duration 3 Year	NSQF LEVEL 5	Fee (RS.) 1,25,000/-	Selection First Come - First Serve
Eligibility	Preferably 10+2 with Science / Graduation in any discipline Minimum age 17 years		
Contents	Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Turning Programming & CNC Machining, Employability skill, CNC TURNING PROGRAMMING - On job Training.		
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in		

CERTIFICATE COURSE IN MACHINIST TOOL ROOM (NSQF Compliant)

Duration 2 Year	NSQF LEVEL 5	Fee (RS.) 91,000/-	Selection First Come - First Serve
Eligibility	10th Pass		
Contents	Workshop Technology, Engineering Drawing, Applied Mathematics, Workshop practice, CNC Programming & Machining, CAD, CAM, Tool & Die Making Practice, Heat Treatment, Entrepreneurship Development, Engineering Measurement, Advance Measurement Techniques, Hydraulics & Pneumatics, Tool & Die Parts Manufacturing, Fundamentals of Tool Engineering.		
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in		



MECHANICAL COURSES

LONG TERM COURSES

ACCWT Advance Certificate Course in Welding Technology (NSQF Compliant)

Duration 1 Years	NSQF LEVEL 5	Fee (RS.) 52000/-	Selection First Come - First Serve
Eligibility	Preferably ITI / 10th Passed or it's equivalent.		
Contents	Introduction, Safety rules, Environmental protection, Professional Knowledge, Workshop Calculation & Service, Engineering Drawing, Employability Skills, Professional Skill - Arc, Gas, TIG, MIG, Welding, Gas Cutter, Trade Practical, Project Work, Examination		
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in		

Advanced Certificate Course in Tool Design and CAD CAM (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 5	Fee (RS.) 57000/-	Selection First Come - First Serve
Eligibility	Preferably I.T.I (Machinist/Turner/Bench Fitter/Tool & Die Maker, Draftsman Mechanical or equivalent)		
Contents	CNC Programming & CNC Machining, Computer Aided Design (CAD-Auto CAD/Collab CAD and Solid works), Computer Aided Manufacturing (Master CAM & Unigraphics CAM), Design of Jigs & Fixtures, Design of Press Tools, Design of Moulds, Design of Die Casting Dies, Engineering Metrology And Quality Control, Advanced-CAD (Unigraphics & CATIA), Manufacturing Process-process planning and Heat Treatment, Entrepreneurship , Course-work : Project.		
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in		

ADVANCE CERTIFICATE COURSE IN TOOL & DIE MANUFACTURING (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 5	Fee (RS.) 57,000/-	Selection First Come - First Serve
Eligibility	Preferably I.T.I (Machinist/Turner/Bench Fitter/Tool & Die Maker or equivalent)		
Contents	CNC Programming & CNC Machining, Computer Aided Design (Cad-auto Cad/collab Cad and Solid Works), Fundamentals of Tools & Dies, Engineering Metrology and Quality Assurance, Production Planning & Controls, Computer Aided Manufacturing (Master Cam & Unigraphics Cam), Advance Cam (Del Cam – 3 Axis and 5 Axis), Engineering Materials and Heat Treatment, Total Quality Management, Metal Cutting and Cutting Tool Design, Ntrepreneurship, Course-work: Project		
Course Coordinator	Mr. G. C. Das Mob:+919433230753/+919330193304/Email:cttc-msme@gov.in		

Certificate Course in “MACHINE OPERATION” (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 3	Fee (RS.) 48,000/- per year	Selection First Come - First Serve
Eligibility	Passed 8th class, Minimum Age : 15 Years.		
Contents	PRACTICAL LAB, MACHINE SHOP THEORY, ENGINEERING METROLOGY, ENGINEERING DRAWING*WORKSHOP CALCULATION AND SCIENCE, EMPLOYABLITY SKILLS.		
Course Coordinator	Mr. G. C. Das Mob:+919433230753/+919330193304/Email:cttc-msme@gov.in		

MECHANICAL COURSES



LONG TERM COURSES

COMPRESSED MACHINIST (Affiliated to S.T.V.T.)

Duration 1 Year	Fee (RS.) 32,000	Selection First Come - First Serve
Eligibility	Class X Pass or equivalent examination from a recognized University or Board. Maximum age limit for General - 22 yrs., SC/ST - 24 yrs.	
Contents	Cworkshop Technology, Engineering Drawing, Workshop Calculation & Science, Practice on Fitting, Drilling, Turning, Milling, Grinding.	
Course Coordinator	Mr. G. C. Das Mob:+919433230753/+919330193304/Email:cttc-msme@gov.in	

POST DIPLOMA IN TOOL & DIE MANUFACTURING (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma (Mech. Engineering or equivalent)		
Contents	CNC Programming & CNC Machining, Computer Aided Design, Fundamentals of Tools & Dies, Engineering Metrology and Quality Assurance, Production Planning & Controls, Computer Aided Manufacturing (Master Cam & Unigraphics Cam), Advance Cam (Del Cam – 3 Axis And 5 Axis), Engineering Materials and Heat Treatment, Total Quality Management, Metal Cutting and Cutting Tool Design., Entrepreneurship, Course-work: Project.		
Course Coordinator	Mr. G. C. Das Mob:+919433230753/+919330193304/Email:cttc-msme@gov.in		





MECHANICAL COURSES



Long Term Courses in Collaboration with Jindal Institute of Power Technology (JIPT)

POST GRADUATE PROGRAMME IN THERMAL POWER TECHNOLOGY (PGPTPT)

Duration 1 Year	Fee- 2,25,000 +G.S.T. @18%	Selection First Come - First Serve
Eligibility	A full-time 4 year BE/B.Tech degree from a recognized Institute in Mechanical/Electrical/EEE/Electronics/Control & Instrumentation Engineering with a minimum of 60% marks in BE/B.Tech. & 50% in X & XII). Age: - Not more than 30 years as on July 01, 2018.	
Contents	Power Plant Introduction & Familiarization, Briefing & Tracing, Operation, Performance, Efficiency & Monitoring, Chemistry, Metallurgy, Non Destructive Testing & Welding, Gas Turbine & Combined Cycle, Protection.. Advanced Steam Generation- Super Critical & Fluidized Bed Combustion Technology. Business Communication and Personality Development. Energy Convention and Audit. Maintenance planning and cost control. Nuclear Power Plant Feminization. Renewable Energy & Hydro Plants. Maintenance Practice & Inspection. Design Analysis. Load Dispatch. Power Reforms and Regulations. Control & Instrumentation. IT in Power Sector & Gas Insulated Substations. Environment Management. Rotation On-Job (Maintenance). Training & Visit to manufacturers Works. Simulator Training.	
Course Coordinator	Mr.Ganesh Ghosh Mob:- 9748397219/ 9330193304	

POST DIPLOMA PROGRAMME IN THERMAL POWER TECHNOLOGY (PDPTPT)

Duration 1 Year	Fee- 1,12,000 +G.S.T. @18%	Selection First Come - First Serve
Eligibility	A 3 year Diploma from a recognized Institute in Mechanical/Electrical/EEE/Electronics/Control & Instrumentation Engineering and Diploma in Tool & Die Making(DTDM) with a minimum of 45% marks in X/ XII & 50% Diploma). Age: - Not more than 28 years as on July 01, 2018.	
Contents	Bridge Course for Electrical and Mechanical Engineers. General Power Plant Introduction & Industry safety. Power Plant Description, Scheme Briefing & Tracing, Operation, Performance, Efficiency and Monitoring, Chemistry & Environment Management, Inter locks & Protection. Computer Appreciation. Business Communication and Personality Development. Control & Instrumentation. Advanced Steam Generation- Super Critical & Fluidized Bed Combustion Technology. Maintenance Planning, Practice & Inspection. Rotation On-Job (Maintenance). Power Plant Chemistry, Metallurgy, Non Destructive Testing & Welding. Training & Visit to manufacturers Works. Simulator Training	
Course Coordinator	Mr.Ganesh Ghosh Mob:- 9748397219/ 9330193304	

MECHANICAL COURSES



Courses in Collaboration with Central Board of Irrigation and Power (CBIP)

Post Graduate Diploma Certificate Course (PGDC) in Transmission & Distribution System including Automation (SCADA/PLC/ DMS)

Duration 3/6 Months	Fee- 60,000/- / 1,00,000/-	Selection First Come - First Serve
Eligibility	Bachelor of Engineering or equivalent in Electrical Engineering and Electrical & Electronics Engineering (EEE) with minimum 60% marks	
Contents	Introduction to Power Sector Familiarization, Safety, Basic Electrical Engineering Fundamentals, Introduction to Sub-station / Switchyard, Design aspects of Sub-station equipment, Transmission line Engineering & EHV Cables, HVDC Transmission, Erection & commissioning of Sub-station & Transmission Line, Protection of Sub-station & Transmission Line, O&M of Sub-station and its equipment, Sub-station on-job operation and Workshop Practice, SCADA, load dispatch & Grid Management, Indian Electricity Grid Code, Regulatory Issues and tariff, Transmission line on-job operation & Maintenance, Visits to Manufacturing works / Testing labs etc, Distribution System Engineering & Energy Metering, Distribution Lines and Cables, IT, SCADA & GIS in Distribution System, Distribution System on-job training, General Management /Material Management/Personal Management, Project & Final Appraisal.	
Course Coordinator	Mr.Ganesh Ghosh Mob:- 9748397219/ 9330193304	

Post Graduate Diploma Certificate Course (PGDC) in Civil Infrastructure Development Engineering

Duration 3/6 Months	Fee- 60,000/- / 1,00,000/-	Selection First Come - First Serve
Eligibility	Bachelor of Engineering or equivalent in Civil Engineering with minimum 60% marks	
Contents	Conceptualization of Hydro and Thermal Power Stations, Basic Civil Engineering, Detailed Survey, Geological Study & Geotechnical Investigation and GIS, Hydrological Study, Heavy earth moving equipment including TBM, Concrete Technology, Structure design (Steel & Concrete) and Building, Piling & Foundation, Pre stressed concrete & Flyover/ Bridge Construction, Modern Application in road Construction, Management, Project Report & Assessment, Software Programming in AutoCAD. ·In addition Introduction to Power Sector Scenario and Infra sector, Software Programming in Total Station Survey/ Digital Global Positioning Survey/ Digital Level survey for 6 months course.	
Course Coordinator	Mr.Ganesh Ghosh Mob:- 9748397219/ 9330193304	



MECHANICAL COURSES



COURSE IN COLLABORATION WITH DSN AEROSPACE CONSULTANTS PVT. LTD

Post Graduate Certificate Course on Aerospace and Automobile Engineering

Duration 1 Year	Fee- 50,000/- + G.S.T	Selection First Come - First Serve
Eligibility	BE/ B-Tech Graduate or Diploma	
Contents	Aero-modeling, Mechanical Stress analysis of Aerospace structure, CFD (Computational fluid dynamics) of Aircraft and Automobile, 3D Printing, Aircraft Wing, Fuselage, Landing Gear and Empennage design, IOT (Internet of things), Machine Learning, CNC Programming and operations	
Course Coordinator	Mr. Niloy Ghosh MOB:- 9008418527/ 9330193304	



COURSE IN COLLABORATION WITH PREMIUM TRANSMISSION PRIVATE LIMITED

ADVANCE MANUFACTURING TECHNIQUES WITH FOCUS ON GEAR MANUFACTURING & INDUSTRY

Duration 6 Months	Fee- Full Sponsored program (including lodging & boarding charges for candidates outside Kolkata city) for Low Income group Women Candidate	Selection First Come - First Serve
Eligibility	ITI/Diploma/Mechanical/Production/ Tool & Die Making / NSQF Compliant Mechanical Course Holder	
Contents	Basics of Manufacturing, Blue print Reading, Manufacturing Processes & Process Planning, Engineering Metrology & QA, Gears, Materials & Heat Treatment, CNC Programming & Machining, CREO-CAD, Behavioral Skill/ Soft Skills, TPM, Allied Automation & Robotics, Industrial Visit, exam Preparation, Evaluation & Results.	
Course Coordinator	Mr.Ganesh Ghosh Mob:- 9748397219/ 9330193304	

CIVIL & MECHANICAL COURSES



MEDIUM TERM COURSES

MASTER CERTIFICATE COURSE IN TOOL DESIGN (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma / Degree (Mech. Engineering or equivalent)		
Contents	Computer Aided Design (CAD-Auto CAD and Solid works), Computer Aided Design & Computer Aided Manufacturing (Unigraphics CAD & Unigraphics CAM), Design of Jigs & Fixtures, Design of Press Tools, Design of Moulds, Design of Die Casting Dies, Entrepreneurship, Course-work: Project.		
Course Coordinator	Mr. Arjun Biswas (9830487179) Mob:+919330193304/Email:cttc-msme@gov.in		

CERTIFICATE COURSE IN MACHINING (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 5	Fee (RS.) 40,000/-	Selection First Come - First Serve
Eligibility	ITI Fitter or equivalent		
Contents	Production Technology, Engineering Drawing, Engineering Metrology, Fundamental of Computer, Auto CAD, Soft Skill.		
Course Coordinator	Mr. G. C. Das Mob:+919433230753/ 9330193304/Email:cttc-msme@gov.in		

SHORT TERM COURSES

AUTO CAD CIVIL 2019

Duration 1 Month

Introduction of Auto Cad, 2D Basic Drawing, Building Plan, Elevation and Section, Draw Commands, Modify Commands, Layers, Line types, block, Text, Table, Dimensioning, Building Modeling, Print.

Eligibility : BE / Diploma (Civil or equivalent)

Fee Rs.6,500/- +G.S.T 18%

ADVANCED SURVEY INSTRUMENTS

Duration 1 Month

Introduction of Survey Instruments. **Digital Level Survey:** Introduction of Digital level, Levelling with Digital level, Stakeout, Rise fall method, Road cross-section, Road long section, Data processing. **Total Station Survey:** Introduction of Total Station, Orientation, Centering and levelling of the instrument, Measuring methods – Stakeout, Resection, Volume measurement, Area calculation, Topo survey, Data Processing. **Differential Global Positioning System:** Introduction DGPS, Centering and levelling of instrument, Measuring methods- Static, Point stakeout and control points method, PPK method, Layout of Topo survey, Data Processing, Plotting map in google earth.

Eligibility: BE / B.Tech/ Diploma (Civil or equivalent)

Fee Rs. 7,500/- +G.S.T 18%

CNC WIRE EDM

Duration 1 Month

Introduction & history of EDM and Wire EDM, knowledge about EDM machining technology. Basic knowledge & operating of a CNC Wire EDM machine, Manual programing. CAM programming with CAD-Link software, practically set and cut a job. Course Coordinator – Mr. Arjun Biswas (mob- 9830487179).

Eligibility : BE/ Diploma / I.T.I / Industrial Background

Fee Rs.5,000/- +G.S.T 18%



CAD / CAM COURSES

LONG TERM COURSES

POST DIPLOMA IN TOOL DESIGN & CAD / CAM (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500	Selection First Come - First Serve
Eligibility	Preferably Diploma (Mech. Engineering or equivalent)		
Contents	CNC Programming & CNC Machining, Computer Aided Design (CAD-Auto CAD/Collab CAD / Solid works), Computer Aided manufacturing (Master CAM / Unigraphics CAM / DELCAM), Design of Jigs & Fixtures, Design of Press Tools, Design of Moulds, Design of Die Casting Dies, ENGINEERING METROLOGY AND QUALITY CONTROL, Advanced-CAD-I (Unigraphics & CATIA), Manufacturing Process-process planning and Heat Treatment, Entrepreneurship, Course-work: Project.		
Course Coordinator	Anindya Kr. Das Mob:: +91 9903201942 / 9330193304 /Email:cttc-msme@gov.in		

POST DIPLOMA IN CAD / CAM (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500	Selection First Come - First Serve
Eligibility	Diploma / Degree in Mechanical, Production, Tool & Die Making / Automobile or equivalent.		
Contents	Engineering Drawing, Computer Fundamentals and Auto Cad, CNC Part Programming, Solid works/ Unigraphics (NX), Pro-Engineer / Creo, CATIA, Finite Element Analysis (FEA), Reverse Engineering, Safety & Maintenance, Basic Engineering Concepts, Entrepreneurship and Managerial Skills, Project CONTROL, Advanced-CAD-I (Unigraphics / CATIA), Manufacturing Process-process planning and Heat Treatment, Entrepreneurship, Course-work: Project.		
Course Coordinator	Anindya Kr. Das Mob:: +91 9903201942 / 9330193304 /Email:cttc-msme@gov.in		

MEDIUM TERM COURSES

MASTER CERTIFICATE COURSE IN CAD CAM (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 45,000	Selection First Come - First Serve
Eligibility	Preferably Diploma / Degree (Mech. Engineering or equivalent)		
Contents	Computer Aided Design (CAD-Auto CAD and Solid works), Computer Aided Design & Computer Aided manufacturing, DELCAM (Unigraphics CAD & Unigraphics CAM)/ Computer Aided Engineering (ANSYS), Advance Computer Aided Design (CREO Parametric and CATIA), CNC Programming And CNC Machining, Entrepreneurship, Course-work: Project.		
Course Coordinator	Anindya Kr. Das Mob:: +91 9903201942 / 9330193304 /Email:cttc-msme@gov.in		

ADVANCED DIPLOMA IN STRUCTURAL DESIGN & ANALYSIS (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500	Selection First Come - First Serve
Eligibility	Preferably Diploma in Civil Engineering pass.		
Contents	Auto cad in civil, STAAD-Pro, Revit architecture, Adobe Photoshop, Digital level, DGPS, MS office, Total station, Strength of material, Estimating& costing, Engineering drawing, Soft skill.		
Course Coordinator	Anindya Kr. Das Mob:: +91 9903201942 / 9330193304 /Email:cttc-msme@gov.in		

CNC COURSES



LONG TERM COURSES

CERTIFICATE COURSE IN ADVANCE MACHINING (NSQF Compliant)

Duration 18 Month	NSQF LEVEL 5	Fee (RS.) 74,000/-	Selection First Come - First Serve
Eligibility	10TH, (10+2)LEVEL, ITI		
Contents	CNC Lathe, CNC Milling, Non-conventional machining, Engineering drawing, Material technology, Entrepreneurship, In-plant training.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		

ADVANCED DIPLOMA IN CNC PROGRAMMING TECHNIQUES AND PRACTICES (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma in Mechanical/ Production/Tool Design/Mould Making/Automobile		
Contents	Drafting and modeling using Auto-CAD, CNC Programming, Modelling and programming using Master-CAM, Modelling and programming using Uni-Graphics, Study of Engineering Drawing, Application of metrology in manufacturing, Use of materials with respect to their application and properties. Communication at Workplace, Admission and Examination.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304/ /Email:cttc-msme@gov.in		

ADVANCE CERTIFICATE COURSE IN CNC MACHINING (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 5	Fee (RS.) 57,000/-	Selection First Come - First Serve
Eligibility	Preferably I.T.I (Machinist/Turner/Bench Fitter/Tool & Die Maker or equivalent)		
Contents	CNC Programming & CNC Machining, Engineering Metrology and Quality Assurance-theory, Engineering Metrology And Quality Assurance-practical, Production Planning & Controls, Computer Aided Manufacturing. (Master Cam), Advance Cam (Del Cam – 3 Axis and 5 Axis), Total Quality Management, Fundamentals of Metal Cutting Tool, Entrepreneurship, Course-work: Project.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		

CERTIFICATE COURSE IN CNC TURNING AND MILLING (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 4	Fee (RS.) 52,000/-	Selection First Come - First Serve
Eligibility	Preferably 10th passed or its equivalent. Age 15 years to 40 years		
Contents	Engineering Drawing, Engineering Metrology, Workshop Technology-Theory, Workshop Technology-Practical, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Programming & CNC Machining-Theory, CNC Programming & CNC Machining-Practical, Computer Aided Drafting & Design (AutoCAD), Computer Aided manufacturing (Master CAM), Employability skill, CNC Programming and CNC Machining - On job training.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		



CNC COURSES

MEDIUM TERM COURSES

MASTER CERTIFICATE COURSE IN CNC TECHNOLOGY (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma in (Mech. Engineering / Prod. Engineering / Automobile Engineering or equivalent).		
Contents	Understanding specific requirement for a job to be accomplished, Understanding sequence of operation through which whole the work is to perform for assigned job, Planning for the execution of job in suitable way independently within, Keeping and arranging all the necessary available tool and accessories, Maintaining workplace in proper way independently and systematically, Describe elements of tool with their functions, material and heat treatment processes, Describe Manufacturing Processes and process plan, Execute and review the Tool and Die Manufacturing plan, Develop and execute CNC Machining Programme using CAM and advance CAM software, Solve Basic Problem Related to Tool and Manufacturing, Implement Total Quality management, Develop entrepreneurship skills, Work on project.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		

CERTIFICATE COURSE IN CNC MILLING (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 4	Fee (RS.) 33,000/-	Selection First Come - First Serve
Eligibility	Preferably 10th passed or its equivalent. Minimum age 15 years		
Contents	Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Milling Programming & CNC Machining, Employability skill, CNC Milling Programming - On job Training.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		

CERTIFICATE COURSE IN CNC TURNING (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 4	Fee (RS.) 33,000/-	Selection First Come - First Serve
Eligibility	Preferably 10th passed or its equivalent. Minimum age 15 years		
Contents	Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Turning Programming & CNC Machining, Employability skill, CNC Turning Programming - On job Training.		
Course Coordinator	Mr. S. C. Halder Mob:+919330193304 /Email:cttc-msme@gov.in		



CNC COURSES



SHORT TERM COURSES

CNC MACHINING PRACTICE		Duration 2 Months
Technological basic for CNC machining, basic geometry, NC programming and application with all operation, application of different cycles, practice and exercise on CNC Turning & Milling.		
Eligibility : BE/ Diploma/ I.T.I (Turner, Machinist, Tool & Die Maker, Fitter with machining Experience or equivalent)		Fee Rs.18,000/- +G.S.T 18%
Programming & Machining Practices on CNC Milling		Duration 1 Month
CNC machining concept, basic geometry, NC programming and application with different operations, application of different cycles, practice and exercise on CNC Milling.		
Eligibility : BE/ Diploma/I.T.I (Turner, Machinist, Tool & Die Maker, Fitter with machining Experience or equivalent)		Fee Rs.10,000/- +G.S.T 18%
Programming & Machining Practices on CNC Turning		Duration 1 Month
CNC machining concept, basic geometry, NC programming and application with different operations, application of different cycles, practice and exercise on CNC Turning.		
Eligibility : BE/ Diploma/I.T.I (Turner, Machinist, Tool & Die Maker, Fitter with machining Experience or equivalent)		Fee Rs.10,000/- +G.S.T 18%
CNC Machining		Duration 1 Month
CNC machining concept, basic geometry, NC programming and application with different operations, application of different cycles, practice and exercise on CNC Turning & Milling.		
Eligibility : Diploma/BE/B.Tech (Mechanical) / Pursuing Students.		Fee Rs.10,000/- +G.S.T 18%





NON MECHANICAL COURSES

LONG TERM COURSES

POST DIPLOMA IN MECHATRONICS (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma in (Mech. Engineering / Prod. Engineering / Electronics Engineering / Electrical Engineering / Instrumentation Engineering or equivalent).		
Contents	To have broad knowledge of Automation Techniques, Mechatronics systems, Drives, Sensors, hydraulics & Pneumatics, To apply Mechatronics principles, 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 have business ethics & values.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

ADVANCE CERTIFICATE COURSE IN MACHINE MAINTENANCE (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 5	Fee (RS.) 57,000/-	Selection First Come - First Serve
Eligibility	ITI in Fitter/ Electrician		
Contents	Title and identification code of component, Use Safety Practice In Industry, Fitting & Bench work, Maintenance Work, Operations & Maintenance of conventional machines, Maintenance of utility, Maintenance Of electrical equipments, Basic operation & Maintenance of CNC Machines, Machine Installation, PLC Programming, Work effectively at workplace.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

POST DIPLOMA IN INDUSTRIAL AUTOMATION & ROBOTICS (NSQF Compliant)

Duration 1 Year	NSQF LEVEL 6	Fee (RS.) 61,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma and Degree in (Mech. Engineering / Prod. Engineering / Electronics Engineering / Electrical Engineering / Instrumentation Engineering or equivalent).		
Contents	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.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		



NON MECHANICAL COURSES



MEDIUM TERM COURSES

ADVANCED EMBEDDED TECHNOLOGY (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma or Degree in Electrical/ Electronics/Computer /Biomedical /IT/Instrumentation. B.Sc. / M.Sc. in (I.T./Electronics/Physics).		
Contents	PIC Microcontroller, Embedded C/C++, Communication protocol & Implementation, Robotics- Interfacing with Motors and Sensors, ARM-Advanced RISC Machine(LPC2148), Concept of RTOS, VLSI Design with FPGA/CPLD, PCB Designing, Python Programming on Raspberry Pi, Project.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

MASTER CERTIFICATE COURSE IN MECHATRONICS (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably Diploma/ Degree (Mech. Engineering or equivalent)		
Contents	To have broad knowledge of Automation Techniques, Mechatronics systems, Drives, Sensors, hydraulics & Pneumatics, To apply Mechatronics 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 in team & have good data collecting, organizing ability, To have business ethics & values, To observe & follow safety, Develop entrepreneurship skills, Judgment and Decision Making, Develop new solutions to industrial problems using mechanical and electronic.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

ADVANCE DIPLOMA IN MACHINE MAINTENANCE & AUTOMATION (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 43,000/-	Selection First Come - First Serve
Eligibility	Preferably Diploma in Electrical/Instrumentation or equivalent Engineering pass.		
Contents	Machine Operation, Electrical Hardware Logic Control, Electrical Machines, Hydraulic and pneumatics, Machine Maintenance, SCADA & HMI, TIA- Portal, AUTO-CAD Electrical, Basic Electronics, Communication Skill. PLC Networking.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

MASTER CERTIFICATE COURSE IN AUTOMATION & PROCESS CONTROL (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 7	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably Degree in Electrical/ Instrumentation/Electronics or Equivalent Engineering pass.		
Contents	Electrical Hardware Logic Control, Electrical Machines, Sensor and transducer, Pneumatics & Hydraulics system, Programmable Logic Controller, Embedded System, Machine Maintenance, SCADA & HMI, TIA- Portal, Distributed control system by PCS-7, Lab view, Robotics, AUTOCAD Electrical, Communication Skill.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		



NON MECHANICAL COURSES

MEDIUM TERM COURSES

ADVANCED DIPLOMA IN COMPUTER HARDWARE & NETWORKING MANAGEMENT (NSQF Compliant)

Duration 6 Month	NSQF LEVEL 6	Fee (RS.) 44,500/-	Selection First Come - First Serve
Eligibility	Preferably B.Sc./Diploma/ Degree Engineering pass.		
Contents	Power Supply, PC Architecture, Software Installation, Up gradation & Maintenance, Network Essential, setup & management, Network management & server configuration, LINUX management & network configuration, Basic Electronics, Office Package, Communication Skill.		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA), NSQF compliant

Duration 4 months	Intake 40	Fee (RS.) 25,000	Selection First Come - First Serve
Eligibility	Eligibility: Any Graduate (pass out/pursuing), Degree/Diploma (any discipline), BCA/MCA (pass out/pursuing).		
Contents	Network fundamentals, IP addressing, VLSM, FLSM, Routing and switching, Static Routing, RIP, OSPF, EIGRP, Wireless Technologies, VLAN, Inter VLAN, ACL, WAN Technologies, Concepts of IOT and Cloud Computing, Lab practice with Packet Tracer and Physical CISCO devices		
Course Coordinator	Mr. M. Rama Rao (Course Coordinator) Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in		

SHORT TERM COURSES

ADVANCE NETWORKING

Duration 1 Month

Network Infrastructure, Window Networking, Window Server & Client, Installation of Server OS, DNS, Domain Controller, Policy & Security, FTP Server, DHCP Server, WEB Server, WDS Server, Switching & Routing, Wireless Network.

Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA

Fee Rs.6,000/- +G.S.T 18%

HYDRAULICS AND PNEUMATICS

Duration 1 Month

Introduction,Fundamental Principles, Energy supply Elements, Directional Control Valves,Simulation through Fluidsim Software,Hydraulic,Pneumatic and Electro-Pneumatic ,Electro Hydraulic circuit design and its application ,Interfacing with PLC & SCADA.

Eligibility : Degree / Diploma in Mechanical, Electrical, Electronics, or equivalent

Fee Rs.8,000/- +G.S.T 18%

CCNA SECURITY

Duration 1 Month

Modern Network Security Threats, Security network devices, Authentication and Authorization, ACL, Firewall Technologies, LAN Security, VOIP, RSPAN, VPN, IP Security.

Eligibility: Any Graduate (pass out/pursuing), Degree/Diploma (any discipline), BCA/MCA (pass out/pursuing), who completed CCNA module1 & module 2

Fee Rs. 7,000/- +G.S.T 18%

NON MECHANICAL COURSES



SHORT TERM COURSES

Microcontroller Programming		Duration 1 Month
Introduction to micro controller, Basic program using arduino and PIC, interfacing of different sensors, Introduction to different simulation software.		
Eligibility: 10th Pass & Above preferable Degree/Diploma in Electrical / Electronics or Equivalent, B.Sc	Fee Rs. 10,000/- +G.S.T 18%	
VERY LARGE SCALE INTEGRATION DESIGN (VLSI)		Duration 1 Month
Introduction to VLSI (Gate level & Chip level) , Layout design using Microwind Software, Analog IC, Mixed signal Design & Back end tool designing using Tanner EDA Software, HDL Programming Language and downloading to Digital and Analog Protoboard using Xilinx & Altera Software.		
Eligibility : 10th Pass & above preferable Degree/Diploma in Electrical/Electronics or Equivalent, B.Sc.	Fee Rs.8,000/- +G.S.T 18%	
EMBEDDED SYSTEMS		Duration 1 Month
Introduction to Embedded Systems, Basic of Digital Electronics, Basic of "C" Language, Introduction to ARM 7, LPC 2148 programming, Internal peripherals of LPC 1248, Live practice : on Demo Boards.		
Eligibility : 10th Pass & above preferable Degree/Diploma in Electrical/Electronics or Equivalent, B.Sc.	Fee Rs.10,000/- +G.S.T 18%	
SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)		Duration 1 Month
Introduction to PLC, and SCADA, Creating project using software WIN CC, Tag Management, Creating Process Picture, Interfacing PLC with SCADA, Assignments.		
Eligibility : 10th Pass & above preferable Diploma/Degree Electrical, Electronics or Equivalent(Candidate should have the knowledge of PLC)	Fee Rs.8,000/- +G.S.T 18%	
AUTO CAD ELECTRICAL (E-CAD)		Duration 1 Month
Basic introduction of 2D drafting draw command, constrains text table & dimensioning, Electrical circuit design, Electrical project creation, PLC insertion.		
Eligibility : 10th Pass & above preferable Diploma/Degree Electrical, Electronics or Equivalent(Candidate should have the knowledge of PLC)	Fee Rs.6,500/- +G.S.T 18%	
COMPUTER HARDWARE & NETWORKING		Duration 1 Month
Hardware parts of computer, Assembling, Loading of Software, Fault finding and troubleshooting, Networking concepts, cat - 6 cabling and crimping, Punching, Wireless networking, WINDOWS 2003 Server installation.		
Eligibility : 10th Pass & above preferable any Graduate, Degree / Diploma (Any disciplines)	Fee Rs.6,000/- +G.S.T 18%	
Basic MAT Lab & Simulink		Duration 1 Month
Matrices and arrays, plotting, Programming & Scripts, Indexing, Linear Algebra, Data analysis, Control Flow, Basic of Simulink.		
Eligibility : 10th Pass & above preferable Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA	Fee Rs.8,000/- +G.S.T 18%	



NON MECHANICAL COURSES

SHORT TERM COURSES

CORE JAVA	Duration 1 Month
Object Oriented programming concepts. Input & output in Java. Polymorphism. Interface in Java. Exception Handling. Java Database Connectivity & String.	
Eligibility : 10th Pass & above preferable Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA	Fee Rs.7,000/- +G.S.T 18%
CORE JAVA	Duration 2 Weeks
Object Oriented programming concepts. Input & output in Java. Polymorphism. Interface in Java. Exception Handling.	
Eligibility : 10th Pass & above preferable Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA	Fee Rs.3,500/- +G.S.T 18%
INDUSTRIAL AUTOMATION(PLC)	Duration 1 Month
Electrical Hardware Control, Basic concept about Electronics Components, Introduction to Industrial Automation, Details of PLC Hardware (SIEMENS), Programming Languages (LAD), Communication (PC to PLC, PLC to PLC), Downloading Programme, Interfacing between PLC with PLC (RIO) & Various field Devices (Motor, Lamp etc.).	
Eligibility : 10th Pass & above preferable Degree / Diploma / I.T.I in Electrical, Electronics engg. or Equivalent	Fee Rs.8,000/- +G.S.T 18%
INDUSTRIAL AUTOMATION(PLC)	Duration 2 Weeks
Electrical Hardware Control, Introduction to Industrial Automation, Details of PLC Hardware (SIEMENS), Programming Languages (LAD), Communication (PC to PLC, PLC to Remote Interfaces), Downloading Programme.	
Eligibility : 10th Pass & above preferable Degree / Diploma / I.T.I in Electrical, Electronics engg. or Equivalent	Fee Rs.5,000/- +G.S.T 18%
ROBOTICS	Duration 1 Month
Introduction to Embedded Systems, Basic of "C" Language, Introduction to ARM 7, LPC 2148 programming, Internal peripherals of LPC 2148, Basic of Sensors, Motors & IR's, Basic designing of different types robots.	
Eligibility : Degree/Diploma in Electrical/Electronics or Equivalent, B.Sc.	Fee Rs.10,000/- +G.S.T 18%
ROBOTICS	Duration 15 Days
Introduction to Embedded Systems, Basic of "C" Language, Introduction to ARM 7, LPC 2148 programming, Internal peripherals of LPC 2148, Basic of Sensors, Motors & IR's, Basic designing of different types robots.	
Eligibility : Degree/Diploma in Electrical/Electronics or Equivalent, B.Sc.	Fee Rs.5,000/- +G.S.T 18%
LAB VIEW	Duration 2 Weeks
Front Panel Design, Block diagram Design by using Virtual Design, Control Function , VI and Sub Vi creation , Looping and Charting ,Data Acquisition, Array And File I/O, Analysing and logging Data And Project.	
Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA	Fee Rs.5,000/- +G.S.T 18%

NON MECHANICAL COURSES



SHORT TERM COURSES

PYTHON		Duration 1 Month
Language Basic, Flow Control, String, List, Tuple, Dictionary, Set, Modules, Exception Handling, File Handling, Numpy, Python, GUI 9 (tkinter module)		
Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA		Fee Rs.5,500/- +G.S.T 18%
PYTHON		Duration 2 Weeks
Language Basic, Flow Control, String, List, Tuple, Dictionary, Set, Modules, Exception Handling		
Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA		Fee Rs.3,500/- +G.S.T 18%
ORACLE (PL/ SQL)		Duration 3 Weeks
Pl/sql Fundamental , Flow Control in PL/SQL , Cursors , Function , Procedure , Package , Triggers		
Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA		Fee Rs.4,000/- +G.S.T 18%
HYDRAULICS AND PNEUMATICS		Duration 15 Days
Introduction, Fundamental Principles, Energy supply Elements, Directional Control Valves,Simulation through Fluidsim Software, Pneumatic, Hydraulic and Electro-Pneumatic ,Electro Hydraulic circuit design and its applications.		
Eligibility : Degree / Diploma in Mechanical,Electrical,Electronics, or equivalent		Fee Rs. 5,000/- +G.S.T 18%
AUTOCAD ELECTRICAL		Duration 2 Weeks
Introduction to AUTOCAD, co-ordinate system, draw instructions, modify functions, introduction to electrical circuit, creating project, circuit diagram using E-CAD, component tool & wires, schematic reports.		
Eligibility : Degree / Diploma, Any Graduate(any disciplines), BCA, MCA		Fee Rs.5,000/- +G.S.T 18%
ORACLE (SQL)		Duration 2 Weeks
Working with table ,Data retrieval using select, Function , join , Set Operators , Sub queries , DDL , DML , DDL , Views , Materlised views Indexes		
Eligibility : Degree / Diploma, Any Graduate(any disciplines), 10+2,BCA, MCA		Fee Rs.3,000/- +G.S.T 18%
SERVER ADMINISTRATION		Duration 2 Weeks
Network concepts, Server client Architecture, Microsoft 2008 R2 Server, 2012 Server, Linux concepts.		
Eligibility: Any Graduate (pass out/pursuing), Degree/Diploma (any discipline), BCA/MCA (pass out/pursuing).		Fee Rs. 4,500/- +G.S.T 18%



NON MECHANICAL COURSES

SHORT TERM COURSES

PCB DESIGN	Duration 2 Weeks
Basics of analog & digital electronics, Ckt designing, Introduction to Sprint Layout Software tools, PCB Manufacturing Process.	
Eligibility: 10th Pass & Above preferable Degree/Diploma in Electrical / Electronics or Equivalent, B.Sc	Fee Rs. 4,500/- +G.S.T 18%

Internet of Things(IOT)	Duration 2 Weeks
Introduction to embedded system, introduction about IOT, Network protocol concept, python programming, interfacing with hard ware, real time based IOT operation.	
Eligibility: 10th Pass & Above preferable Degree/Diploma in Electrical / Electronics or Equivalent, B.Sc	Fee Rs. 4,500/- +G.S.T 18%

EMBEDDED SYSTEM	Duration 2 Weeks
Introduction to embedded system, Basic of 'C' language, Introduction to ARM7, LPC 2148 - Controller based programming.	
Eligibility: 10th Pass & Above preferable Degree/Diploma in Electrical / Electronics or Equivalent, B.Sc	Fee Rs. 4,500/- +G.S.T 18%

SPECIAL SHORT TERM COURSES

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)	Duration 2 Month
Networking Fundamentals, OSI Model, Protocol, IP Addressing, VLSM, CIDR, Basic Routing & Packet forwarding, Configuration of Routers & Switches, Static routing, Dynamic Routing Protocols (RIP, OSPF, EIGRP...), Switching Technology, VLAN & Inter VLAN with security, Wireless concepts, ACL, WAN Concepts & Communication, Lab Practice with Packet Tracer & Physical Cisco devices. At the end of the training programme trainee shall be able to design the LAN & WAN setup and trouble shoot issue related to network.	
Eligibility: Degree/Diploma(any discipline), Any Graduate, BCA, MCA, 10+2 passout	Fee Rs. 8,000/- +G.S.T 18%

CERTIFICATE COURSE IN INDUSTRIAL AUTOMATION AND MAINTENANCE (CCIAM)	Duration 3 Month
Electrical safety, Introduction to Electronics components and its application, Electrical Hardware control, Introduction to Industrial Automation and PLC, Interfacing with Various Field devices, Introduction to Hydraulics and Pneumatics, Types of Pneumatics elements and its application, Industrial maintenance system, Computer fundamentals, CNC.	
Eligibility: I.T.I. in Electrical/Electronics or Equivalent	Fee Rs. 15000/- +G.S.T 18%



SAMSUNG TECHNICAL SCHOOL COURSES



C.T.T.C. Kolkata and SAMSUNG India Electronics Pvt. Ltd. join hands to provide a
CERTIFICATE COURSE IN

SAMSUNG ADVANCED REPAIR AND INDUSTRIAL SKILLS ENHANCEMENT (A.R.I.S.E.)-2

COURSE NAME : CERTIFICATE COURSE IN AUDIO VIDEO-AV NSQF Compliant (Lebel-5)

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
48 Days Technical Training at CTTC & 24 Days on Site Training at Samsung Service Centre	25	15000/- SC/ST/Female/ Handicapped free*	January, April, July, October	First come first serve
Eligibility	12th Pass/Vocational/I.T.I./Diploma/B.Sc/B.E/B.Tech			
Contents	Types of TV Technologies - CRT, LED, LCD, QLED, UHD TV, PLASMA TV, Home Theater, DVD Player, BLUE RAY Player, SMART TV colour transmission system, picture scanning,3D technology, Software & Firm ware update, Assembling & Disassembling & Trouble-shooting of all AV products.			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of AV products.			
Meritorious award of Rs.20,000/- will also be provided to the toppers of each batch as per the terms & conditions.				

COURSE NAME : CERTIFICATE COURSE IN HAND HELD PHONE-HHP NSQF Compliant (Lebel-5)

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
46 Days Technical Training at CTTC & 24 Days on Site Training at Samsung Service Centre	25	15000/- SC/ST/Female/ Handicapped free*	January, April, July, October	First come first serve
Eligibility	12th Pass/Vocational/I.T.I./Diploma/B.Sc/B.E/B.Tech			
Contents	HHP basics,Near field Communication, Wireless Charger ESD,GSM,CDMA system architecture,SMART phone features, Types of sensors & connectivity, Trouble-shooting, Soldering & Desoldering process,ELS & basic trouble-shooting,Assembling & Disassembling, AOD Machine.			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of HHP products.			
Course Coordinator	Mr. M.Rama Rao Mob : +919038578065/ 9330193304, Email:cttc-msme@gov.in			
Meritorious award of Rs.20,000/- will also be provided to the toppers of each batch as per the terms & conditions.				





SAMSUNG TECHNICAL SCHOOL COURSES



COURSE NAME : CERTIFICATE COURSE IN ROOM AIR CONDITIONER & HOME APPLIANCES-RACHA NSQF Compliant (Lebel-5)

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
74 Days Technical Training at CTTC & 24 Days on Site Training at Samsung Service Centre	25	20000/- SC/ST/Female/ Handicapped free*	January, April, July, October	First come first serve
Eligibility	12th Pass/Vocational/ITI/Diploma/B.Sc/B.E/B.Tech			
Contents	Split AC: Conventional & Inverter Model, Refrigerator, Washing Machine, Microwave Oven & Air Purifier			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of AC & Home Appliances.			
Meritorious award of Rs.20,000/- will also be provided to the toppers of each batch as per the terms & conditions.				

COURSE NAME : AIR CONDITIONER, HOME APPLIANCES & AV INSTALLATION AND DEMONSTRATION -IIDM

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
10 days AC Installation, 10 Days Home Appliances 8Days AV Installation & Demonstration 2 days Empathy.	25	8000/- + GST @ 18%	January, April, July, October	First come first serve
Eligibility	12th Pass/Vocational/ITI/Diploma/B.Sc/B.E/B.Tech			
Contents	Split AC installation and demonstration Home Appliances installation and demonstration LED TV, Smart TV, IDTV installation and demonstration.			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of AC & Home Appliances.			

Samsung Technical School



LED TV Repairing Courses



Refrigerator Repairing Courses



Washing Machine Repairing Courses



The above course will cater a unique opportunity for you to work in SUNRISE SERVICE INDUSTRY or establish your own Enterprise.

OTHER COURSES AVAILABLE IN SAMSUNG TECHNICAL SCHOOL, KOLKATA



COURSE NAME : TABLETS, MOBILE PHONE & TV REPAIRING & SERVICING

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
45 Days Technical Training at CTTC Kolkata	25	4500/- + GST @ 18%	1st week of every month	Based on Merit
Eligibility	10th Pass/12th Pass/Vocational/I.T.I./Diploma/B.Sc/B.E/B.Tech			
Contents	Tablets, Mobile Phones, Smart Phones etc., Curve LED TV, SMART LED TV, Plasma TV, Blue Ray player with Home Theater			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of Mobile Phones, Tablets & TV.			
Course Coordinator	Mr. M. Rama Rao Mob : +919038578065/ 9330193304, Email:cttc-msme@gov.in			

COURSE NAME : AIR CONDITIONER & HOME APPLIANCES REPAIRING & SERVICING

Duration	Intake	Fee (RS.)	Month of Course Commencement	Selection
45 Days Technical Training at CTTC Kolkata	25	4500/- + GST @ 18%	1st week of every month	Based on Merit
Eligibility	10th Pass/12th Pass/Vocational/I.T.I./Diploma/B.Sc/B.E/B.Tech			
Contents	Split AC: Conventional & Inverter Model			
Objective	At the end of the training programme trainee will be able to provide service on Different Types of AC & Home appliance products.			
Course Coordinator	Mr. M. Rama Rao Mob : +919038578065/ 9330193304, Email:cttc-msme@gov.in			





SHORT TERM COURSE

AutoCAD 2019	1 Month
Basic & advanced 2D Drafting, draw commands, constraints, modify commands, layers, line types blocks, texts, table, dimensioning, isometric, solid modelling, print, etc.	
Eligibility : 10th Pass & above preferable BE/ Diploma/ I.T.I (Mech. or equivalent)	Fee Rs.6,500/- +G.S.T 18%
SOLIDWORKS 2018	1 Month
Overview of solidworks, geometric tools, sketch tools, create part modeling using different features, Surface & Sheet metal creations, assembly, detailing, flow simulations, Mould Tools, Mechanism, Analysis etc.	
Eligibility : 10th Pass & above preferable B. Tech/ BE/ Diploma/ I.T.I (Mech. or equivalent)	Fee Rs.7,500/- +G.S.T 18%
Creo 5.0	1 Month
Sketch, Part(Solid, Surfaces, Freestyle, Flexible Modelling, Sheet Metal), Assembly, Creo Direct, Creo Simulate, Manufacturing (NC Assembly, Mould Cavity), Drawing, Mechanism, Analysis etc	
Eligibility : 10th Pass & above preferable B. Tech/ BE/ Diploma/ I.T.I (Mech. or equivalent)	Fee Rs.8,000/- +G.S.T 18%
CATIA V6	1 Month
Enovia Introduction, Part Design, Generative Shape Design, Generative Sheet Metal Design, Assembly Design, Kinematics Analysis, Drafting, Machining etc.	
Eligibility : B. Tech/ BE/ Diploma/ I.T.I (Mech. or equivalent)	Fee Rs.8,500/- +G.S.T 18%
ANSYS 2019, R1	1 Month
Introduction, Structural Analysis - (Static), Modal Analysis, Linear Buckling, Rigid Dynamics, Transient Structural Analysis, Steady -State & Transient Thermal Analysis, Explicit dynamics, Surface optimization, APDL, Fluid Flow (Fluent).	
Eligibility : B. Tech/ BE/ Diploma/ (Mech. or equivalent)	Fee Rs.9,000/- +G.S.T 18%
UNIGRAPHICS / NX 12	Duration 1 Month
Introduction to Unigraphics / NX , Sketch, Part Modeling, Surface Modeling, Drafting, Assembly, Core and Cavity Extraction, Machining etc.	
Eligibility: 10th Pass & above preferable BE/ Diploma/ (Mech. or equivalent)	Fee Rs. 10,000/- +G.S.T 18%
STAAD Pro V8i	1 Month
Introduction, Model generation, Assigning loads, Creating load combination, Concrete Design, Steel Design, Water tank Design, Transmission Tower Design, Report Generation etc.	
Eligibility : 10th Pass & above preferable BE/B.Tech(Civil or equivalent)	Fee Rs.8,000/- +G.S.T 18%

ABOVE COURSES ARE FREE FOR SC/ST CANDIDATE, EXCEPT REGISTRATION FEE RS. 1200/-

SHORT TERM COURSE



CNC Machining Milling	Duration 1 Month
Safety presentation, Introduction with CNC machine, Axis designation, study on CNC machining keyboard with different mode, work holding & Tool holding devices. Offset settings, CNC program with Test run and manufacturing, Inspection.	
Eligibility: 10th Pass & above preferable BE/Diploma/I.T.I.(Turner, Machinist, Tool & Die Maker, Fitter with machining experience or equivalent)	Fee Rs. 8,000/- +G.S.T 18%
CNC Machining Lathe	Duration 1 Month
Safety presentation, Introduction with CNC machine, Axis designation, study on CNC machining keyboard with different mode, work holding & Tool holding devices. Offset settings, CNC program with Test run and manufacturing, Inspection.	
Eligibility: 10th Pass & above preferable BE/Diploma/I.T.I.(Turner, Machinist, Tool & Die Maker, Fitter with machining experience or equivalent)	Fee Rs. 8,000/- +G.S.T 18%
CNC Programming Milling	Duration 1 Month
Axis Identification, Co-ordinate system, Programming format and contents. Programming procedure, entry and execution, Test run and machining.	
Eligibility: 10th Pass & above preferable BE/Diploma/I.T.I.(Turner, Machinist, Tool & Die Maker, Fitter with machining experience or equivalent)	Fee Rs. 8,000/- +G.S.T 18%
CNC Programming Lathe	Duration 1 Month
Axis Identification, Co-ordinate system, Programming format and contents. Programming procedure, entry and execution, Test run and machining.	
Eligibility: 10th Pass & above preferable BE/Diploma/I.T.I.(Turner, Machinist, Tool & Die Maker, Fitter with machining experience or equivalent)	Fee Rs. 8,000/- +G.S.T 18%
Master CAM	Duration 1 Month
Introduction of MASTERCAM, 2D Sketching, Part Modeling, Wire frame modeling, Machining on Lathe & Milling, Toolpath Generation, post processing.	
Eligibility: 10th Pass & above preferable BE/ Diploma/ (Mech. or equivalent)	Fee Rs. 7,000/- +G.S.T 18%
AUTO DESK POWER SHAPE & POWER MILL	1 Month
Power Shape - Introduction, Solid Modelling, Surface Modelling, Assembly : Introduction, Mould Maker :Introduction, Core & Cavity Extraction, Mould creation. Power Mill : Introduction, Tool Path generation with different techniques.	
Eligibility : 10th Pass & above preferable BE/ Diploma/ I.T.I (Mech. or equivalent)	Fee Rs.7,500/- +G.S.T 18%
MOLDEX 3D	1 Month
Introduction of injection mould, Introduction of MOLDEX-3D, Mesh Generation of Model, Gate Placement, Fill analysis, Pack Analysis, Warpage Control, Report Generation etc	
Eligibility : Degree/Diploma in Mechanical engineering /Mould Design/ Tool Design/CIPET/DTDM or Equivalent	Fee Rs.8,000/- +G.S.T 18%

ABOVE COURSES ARE FREE FOR SC/ST CANDIDATE, EXCEPT REGISTRATION FEE RS. 1200/-



SHORT TERM COURSE

REVIT Architecture 2020		Duration 1 Month
Introduction to Revit architecture, Principles and concept, Working with project and elements, project views and work planes, basic building components, Rendering basics, site design construction documents.		
Eligibility: 10th Pass & above preferable BE / Diploma / (Civil or equivalent)		Fee Rs. 7,000/- +G.S.T 18%

3Ds MAX 2018		Duration 1 Month
Introduction of 3Ds Max, Modeling using different tools, Material Texture and Maps Concept, Lighting, Camera and Animation etc. - Course Coordinator – Mr. Anindya Kr. Das. (9903201942)		
Eligibility : 10th Pass & above preferable BE / Diploma (Civil or equivalent)		Fee Rs.7,000/- +G.S.T 18%

3D Printing & 3D Scanning		Duration 1 Month
3D Printing & 3D Scanning Batch size 20 nos. (first come first serve basis) Course Coordinator – Mr. Arjun Biswas (mob- 9830487179).		
Eligibility : 10th Pass & above preferable B. Tech / Diploma / I.T.I / vocational course / Class 10		Fee Rs.8,000/- +G.S.T 18%

Industrial Training	Fee Rs.5,000/- +G.S.T 18%	Duration 1 Month
Industrial Visit (with Certificate)	Fee Rs.100/-	Duration 1 Day



SUMMER/WINTER VACATION COURSES for ENGINEERING STUDENTS

MSME Tool Room –Kolkata is the leading Tool Room & Training Centre of India to impart skill based Training programme in the field of CAD/CAM/CNC/CAE Technology/ VLSI/ PLC/ Hardware & Network Management for Graduate Engineering students.

For the year 2020-21 we offer Summer Vacation Courses during May/June/July/Aug 2020 specially designed for Mechanical /Production/ Automobile / Manufacturing Science / Computer Science / Electrical / Electronics / Instrumentation / Information Technology / Telecommunication Students etc.

Non-Mechanical Courses

Branch	Courses	Duration	Course Fee (Rs)	Offered Fee (Rs)
Computer Science, Information Technology, BCA, MCA Or any Engineering Degree/Diploma	Hardware & Networking*	1 Month	6000	4200
	Advance Networking	1 Month	6000	4200
	Core Python	2 Weeks	3500	2500
	Core Python	1 Month	5500	4500
	Core Java*	1 Month	7000	4700
	Oracle(SQL)	2 Weeks	3000	2100
	Oracle(PL/SQL)	3 Weeks	4000	2800
	Server Administration	2 Weeks	4500	3000
	CISCO Certified Network Associate	2 Months	12000	8400
	CCNA Security	2 Weeks	7000	4700
Degree/Diploma in Electrical, Mechanical, Electronics, Instrumentation or Equivalent	Core Java	2 Weeks	4000	2800
	VLSI*	1 Month	8000	5600
	Advance PLC	1 Month	8000	5600
	PLC*	1 Month	8000	5600
	PLC*	2 Weeks	5000	3500
	Robotics	1 Month	10000	8000
	LABVIEW	2 Weeks	5000	3500
	MATLAB*	1 Month	8000	5600
	Embedded System*	2 Weeks	5000	3500
	Embedded System	1 Month	10000	7500
	SCADA*	1 Month	8000	5600
	Hydraulics & Pneumatics	2 Weeks	4000	2800
	AutoCAD(Electrical)*	1 Month	6500	4500
	Microcontroller Programming*	1 Month	10000	7500
	PCB Design	2 Weeks	5000	3500
	Internet of Things(IOT)	2 Weeks	5000	3500
	MATLAB	2 Weeks	6000	4200
	AutoCAD(Electrical)	2 Weeks	5000	3500
	Robotics	2 Weeks	5000	3500

Mr. M. Rama Rao, Mob:+919038578065/ 9330193304, Email:cttc-msme@gov.in

How to Apply : Registration can be done through Online Payment or by Demand Draft of Rs.1,200/- drawn in favour of “**Central Tool Room & Training Centre**” payable at Kolkata. Reservation as per Govt. of India guidelines. **For SC/ST CANDIDATE NO COURSE FEE ABOVE *COURSES** (Except Registration fee) subject to production of two copies of Caste Certificates duly self attested, Original Certificates has to be produced at time of registration for verification. Adhaar Card must be produced at the time of registration.

Note :

1. Discount of 10% may be deserved for the Group of 10 students from the same college.
2. Hostel facilities may be provided subject to availability. (Please Contact- 9836086629)

SUMMER/WINTER VACATION COURSES for ENGINEERING STUDENTS

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Civil & Mechanical Courses

Branch	Courses	Duration	Course Fee (Rs)	Offered Fee (Rs)
B.Tech/Diploma/ Civil or Equivalent)	AutoCAD 2019 (Civil)	1 Month	6500	4500
	STAAD Pro V8i*	1 Month	8000	5600
	3DS MAX 2018*	1 Month	7000	4700
	REVIT Architecture 2020*	1 Month	7000	4700
	Advanced Survey Instruments	1 Month	7500	5000
B.Tech/Diploma/ Mechanical or Equivalent)	AutoCAD 2019*	1 Month	6500	4500
	SOLID WORKS 2018*	1 Month	7500	5000
	CREO 5.0*	1 Month	8000	5600
	CATIA V6*	1 Month	8500	6000
	ANSYS 2019 R1*	1 Month	9000	6500
	Power Shape & Power Mill*	1 Month	7500	5000
	MasterCam*	1 Month	7000	4700
	Moldex 3D*	1 Month	8000	5600
	Unigraphics/NX 12*	1 Month	10000	7500
	3D Scanning & 3D Printing*	1 Month	8000	5600
	CNC Programming Lathe*	1 Month	8000	5600
	CNC Programming Milling*	1 Month	8000	5600
	CNC Machining Lathe*	1 Month	8000	5600
	CNC Machining Milling*	1 Month	8000	5600
	CNC Wire EDM	1 Month	5000	3500

Mr. Arjun Biswas, Mob:+919330193304/ 9830487179, Email:cttc-msme@gov.in

How to Apply : Registration can be done through Online Payment or by Demand Draft of Rs.1,200/- drawn in favour of “**Central Tool Room & Training Centre**” payable at Kolkata. Reservation as per Govt. of India guidelines. **For SC/ST CANDIDATE NO COURSE FEE ABOVE *COURSES** (Except Registration fee) subject to production of two copies of Caste Certificates duly self attested, Original Certificates has to be produced at time of registration for verification. Adhaar Card must be produced at the time of registration.

Note :

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2. Hostel facilities may be provided subject to availability. (Please Contact- 9836086629)
3. Those students attending Branch (A) can avail Solid Works / Hyper Works by Paying Rs. 1000/- extra.
4. Those students doing Branch (B) An extra course will be offered for earliest registered candidate @ Rs. 1000/- (Please Contact Course Co-ordinator- 9830487179)

Bon Hooghly Industrial Area , Kolkata - 700108 (W.B.)

Phone : 9330193304

E-mail : cttc-msme@gov.in, website : www.msmeoolroomkolkata.com

MSME Tool Room is executing DDU-GKY Projects of Ministry of Rural Development, Govt. of India.



Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)

Ministry of Rural Development (MoRD) &
PaschimBanga Society for Skill Development (PBSSD)

What is DDU-GKY Project?

DDU-GKY the skill development training and placement linked program, sponsored by MoRD, uniquely focuses on the empowerment of rural BPL youth. The aim of this project is to train rural BPL youth and provide them with jobs having regular monthly wages at or above the minimum wages.



ISO 9001 : 2015
OHSAS 18001 : 2007
ISO 14001 : 2015
ISO 21001 : 2018

PROJECT IMPLEMENTING AGENCY

CENTRAL TOOL ROOM & TRAINING CENTRE (CTTC), KOLKATA



MSME TOOL ROOM ALSO EXECUTING PBSSD PROGRAMME UNDER UTKARSHA BANGLA, GOVT. OF WEST BENGAL.



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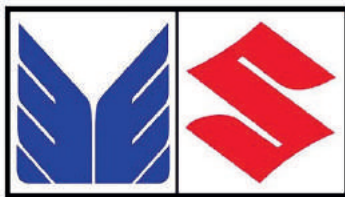


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Our milestones are touchstones



Casting End-to-End Solutions

Haier
Inspired Living



Viraj Profiles Limited



Varroc Engineering Limited






GENERAL INFORMATION


How to Register/ Reservation	Eligible candidates will be offered admission on First-cum-first-serve basis on depositing Registration Fees. Application Form may be down loaded from our Website. Registration must be done by e-payment or Demand Draft of Rs.1,200/- drawn in favour of “ Central Tool Room & Training Centre ” payable at Kolkata Reservation as per Govt. of India guidelines. For SC/ST No Fee will be charged (Except Registration Fee) subject to production of two copies of Caste Certificates, Registration is must by payment of Rs.1,200/-.
Hostel Accommodation	Limited Dormitory accommodation may be provided for all interested participants (Boys & Girls) on pay basis inside/outside CTTC premises subject to the availability of the accommodation at the discretion of the Centre. Contact Person : HAB(Chairman)- 033-25776350 / Warden- 9836086629
Awarding of Certificate	The evaluation system consists of continuous assessment of each subject to assess the performance of trainee. Trainees who will qualify the examinations will be awarded Certificate.
How to locate us	<ul style="list-style-type: none"> → It is about 1 KM towards east of BT Road, Crossing ISI Post Office → Howrah Rly.Stn. about 12 Km/Sealdah Rly.Stn.8 Km./Baranagar Stn.1.5 Km. → Netaji Subas International Airport about 10 Km. → Bus(Howrah - Mini buses - Belgharia/Nimta & Ordinary Bus - Barrackpore) → Bus(Sealdah - Ordinary Buses 230/234) → Bus(Shyambazar - 234/1,237/1,234,201,78,78/1 & Mini Buses) → All buses going beyond Dunlop, get down at Bonhooghly Bus stop. (ISI Post Office), from where the Centre is 15 minutes by walk. Cycle rickshaws are available at the stoppage. → Campus Map is available in our Website: www.msmetoolroomkolkata.com.
01)	Incomplete applications are liable to be rejected. MSME Tool Room - Kolkata reserves the right to reject any application without assigning any reason.
02)	Medium of Instruction is English only.
03)	Registration & Course Fees are not refundable/adjustable under any circumstances.
04)	All the trainee will ensure discipline with the Centre.
05)	Mobile Phone, Pen drive, CD, etc. items are not permissible inside the Centre
06)	Regular attendance will have to be maintained by the trainee & 80% attendance is compulsory for all.
07)	No trainee shall organize /conduct any meeting within the campus.
08)	Machines, equipments, furniture must be handled carefully. No act of damage to Centre shall be carried out by the trainee.
09)	Smoking & chewing tobacco possessing or drinking Alcoholic beverages in any form strictly prohibited within Centre premises.
10)	Ragging is strictly prohibited in the Centre.
11)	Study material will be provided on extra cost or as applicable.
12)	Violation of above & any other Rules, Regulations, Disciplines and Conduct etc. are liable for disciplinary action.

Contact Point:- For Admission :

+91-9330193304 (Training Cell)

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Our You Tube Channel : You 

MSME TOOL ROOM KOLKATA CTTC KOLKATA

For Hostel Accommodation

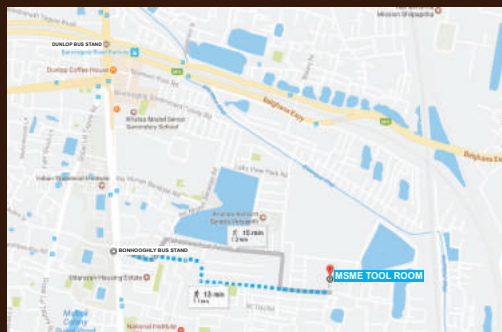
Warden : +91-9836086629





Google Maps

Bonhooghly Bus Stand to MSME Tool Room, Kolkata (West Bengal)
NEAREST METRO RAIL STATION - NOAPARA



MSME TOOL ROOM, KOLKATA

Bon Hooghly Industrial Area, Kolkata - 700108 (W.B.)

Phone : 9330193304

E-mail : cttc-msme@gov.in

website : www.msmetoolroomkolkata.com