

**MSME TOOL ROOM (CENTRAL TOOL ROOM & TRAINING CENTRE)
KOLKATA**

A Govt. of India Society
Ministry of Micro, Small & Medium Enterprises
Bon Hooghly Industrial Area, Kolkata - 700 108, India.
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Short Term Courses

Course Code	Course Title (Management)	Duration	Eligibility
S01	Workshop Management.	4 Weeks.	Diploma/Degree Engg.
S02	Soft Skill.	4 Weeks.	ITI/Employed.
S03	Soft Skill.	3 Weeks.	Diploma/Degree Engg.
S04	Behavioural Skill.	3 Weeks.	Undergoing Students.
S05	Conversational English.	3 Weeks.	Undergoing Students.
S06	Industrial Safety Management.	1 Weeks.	MSME
S07	Managerial Skills for Technical Personnel.	1 Weeks.	MSME
S08	Management Information System.	1 Weeks.	MSME
S09	Management Strategies Small & Medium Sized firms.	1 Weeks.	MSME
S10	Marketing Strategies for Industrial Products.	1 Weeks.	MSME
S11	Basics of Marketing Management.	1 Weeks.	MSME
S12	Internet Marketing Management.	1 Weeks.	MSME
S13	Strategies for growth and survival.	1 Weeks.	MSME
S14	Physical working Environment optimizing Performance.	1 Weeks.	MSME
S15	Logistics and Distribution Management.	1 Weeks.	MSME

Course Code	Course Title (CAD/CAM/CAE/CNC)	Duration	Eligibility
S16	CAD using AutoCAD & MDT.	4 Weeks.	Diploma/Degree Engg.
S17	CAD using Solid Works.	4 Weeks.	Diploma/Degree Engg.

S18	CAD using Inventor.	4 Weeks.	Diploma/Degree Engg.
S19	CAD/CAM using Pro-E.	4 Weeks.	Diploma/Degree Engg.
S20	CAD/CAM using CATIA.	4 Weeks.	Diploma/Degree Engg.
S21	CAD/CAM using Master CAM.	4 Weeks.	Diploma/Degree Engg.
S22	CAD/CAM using Unigraphics.	4 Weeks.	Diploma/Degree Engg.
S23	CAD/CAM using Delcam.	4 Weeks.	Diploma/Degree Engg.
S24	CAE using Mold Flow Software.	4 Weeks.	Diploma/Degree Engg.
S25	CAE using Ansys.	4 Weeks.	Diploma/Degree Engg.
S26	CAE using Hypermesh.	4 Weeks.	Diploma/Degree Engg.
S27	CAD/CAM/CAE using MSC Super Forge.	4 Weeks.	Diploma/Degree Engg.
S28	Programming and Machining Practices in CNC Milling.	4 Weeks.	ITI/Diploma Engg.
S29	Programming and Machining Practices in CNC Turning.	4 Weeks.	ITI/Diploma Engg.
S30	Programming and Machining Practices in CNC Spark Erosion.	4 Weeks.	ITI/Diploma Engg.
S31	Programming and Machining Practices in CNC Wirecut EDM.	4 Weeks.	ITI/Diploma Engg.
S32	Programming and Machining Practices in 5 Axis Milling.	4 Weeks.	ITI/Diploma Engg.
S33	Programming Practice on Milling using Sinumerik Simulation Software.	4 Weeks.	ITI/Diploma Engg.
S34	Programming Practice on Turning using Sinumerik Simulation Software.	4 Weeks.	ITI/Diploma Engg.
S35	CNC Machine Operator.	3 Months.	Xth Standard.

Course Code	Course Title (Machine Shop Practice.)	Duration	Eligibility
S36	Machining Practices on Turning.	3 Months.	Class X appeared.
S37	Machining Practices on Milling.	3 Months.	Class X appeared.
S38	Machining Practices on Grinding.	3 Months.	Class X appeared.

S39	Practice on Bench Work & Fitting.	3 Months.	Class X appeared.
S40	Tool & Die Assembly Practice.	3 Months.	MSME
S41	Process Planning for Design & Manufacturing of Tool & Dies.	3 Months.	MSME
S42	Tool & Cutter Grinding Practice.	2 Weeks.	Class X appeared/ Employed Personals.
S43	Familiarization & Operation Practices on Vacuum Heat Treatment Furnace.	2 Weeks.	Class X with Technical Background..
S44	Operation Practice on Turning.	210	8th Standard.
S45	Operation Practice on Milling.	210	8th Standard.
S46	Operation Practice on Surface Grinding.	210	8th Standard.
S47	Operation Practice on Cylindrical Grinding.	210	8th Standard.
S48	Operation Practice on Advance Turning.	240	8th Standard.
S49	Operation Practice on Advance Milling.	240	8th Standard.
S50	Familiarization & Operation Practice on CNC Turning.	240	10th Standard.
S51	Familiarization & Operation Practice on CNC Milling.	240	10th Standard.
S52	Inspection & Quality Control.	4 Weeks.	ITIDiploma Engg.
S53	Inspection Practice by CMM.	4 Weeks.	ITI/Diploma Engg.
S54	Engineering Metrology.	4 Weeks.	Class XII/B.Sc.
S55	Industrial Blue Print Reading.	4 Weeks.	MSME

Course Code	Course Title (Forging & Foundry)	Duration	Eligibility
S56	Design Practices on Forging products using CAD software.	2 Weeks.	ITI/Diploma/Degree.
S57	Design Practices on Casting products using CAD software.	2 Weeks.	ITI/Diploma/Degree.
S58	Die Design & Manufacturing for Forging products.	4 Weeks.	ITI/Diploma/Degree.
S59	Die Design & Manufacturing for Casting products.	4 Weeks.	ITI/Diploma/Degree.
S60	Practices on CNC based Foundry Pattern Making.	2 Weeks.	ITI/Diploma.

Course Code	Course Title (Computer & its applications)	Duration	Eligibility
S61	Computer Basic & MS Office.	4 Weeks.	Class X appeared.
S62	Computer Basic & Internet.	4 Weeks.	House Wives & Senior Citizens.
S63	DTP using Page Maker.	4 Weeks.	Class XII appeared.
S64	DTP using Coral Draw.	4 Weeks.	Class XII.
S65	Computer Hardware & Assembly.	4 Weeks.	Class X appeared.
S66	Computer Hardware Repair & Maintenance.	4 Weeks.	Class X appeared
S67	Basic Computer Networking.	4 Weeks.	Class X appeared
S68	Advanced Computer Networking.	4 Weeks.	Class X appeared
S69	Computer Networking & Hardware Maintenance.	4 Weeks.	B.Sc./Engg. Students.
S70	Very Large Scale Integration(VLSI).	4 Weeks.	Diploma/Degree in Engg.
S71	'e' Procurement.	4 Weeks.	MSME

Course Code	Course Title (Plastics Conversion)	Duration (Hours)	Eligibility
S72	Plastics Mould Assistant for Injection Moulding.	120	5 th Standard.
S73	Plastics Mould Assistant for Extrusion Moulding.	120	5 th Standard.
S74	Plastics Mould Assistant for Auto Injection Moulding.	120	5 th Standard.
S75	Plastics Mould Assistant for Auto Extrusion.	120	5 th Standard.
S76	Identification of Plastics – Simple Methods.	20	MSME

Course Code	Course Title (Maintenance)	Duration	Eligibility
S77	Familiarization on Basics of Electrical Technology.	120 Hrs.	8 th Standard.
S78	Repair of Home Appliances.	120 Hrs.	8 th Standard.
S79	House Wiring.	120 Hrs.	8 th Standard.
S80	Electronic Choke & CFL Fitting.	120 Hrs.	8 th Standard.
S81	Rewinding of AC/DC Motors.	120 Hrs.	8 th Standard.

S82	Domestic & Industrial Electrician.	3 Months.	8 th Standard.
S83	Automobile Mechanic.	3 Months.	8 th Standard.
S84	Mould Maintenance & Repair.	3 Months.	MSME
S85	Basic Gas Welding.	120 Hrs.	8 th Standard.
S86	Basic Arc Welding.	120 Hrs.	8 th Standard.

For Course S01 to S86	Method of Selection	First Come First Served Basis.
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