

NSIC TECHNICAL SERVICES CENTRE, CHENNAI

TRAINING PROGRAMME

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SLNO	TRAINING COURSES	DURATION	Eligibility
HI-TECH COURSES MECHANICAL			
1	CNC PROGRAMMING & MACHINE OPERATION AND CAD/CAM using I-DEAS OR UNIGRAPHICS	3 months	Deg./Dip. in Mech. Engg./Machinist/ Turner (ITI)
2	MACHINE TOOL TECHNOLOGIST - CNC PROG. OPRN. CAD/CAM I-DEAS OR UNIGRAPHICS	5 months	Deg./Dip. in Mech. Engg./Machinist/ Turner (ITI)
3	CNC PROGRAMMING & M/C OPERATION (SINUMERIK & FANUC)	2 months	Deg./Dip. in Mech. Engg./Machinist/ Turner (ITI)
4	CAD/CAM SOFTWARE Courses - CATIAV5/I-DEAS/ UNIGRAPHICS NX-4 /PRO-E/SOLIDWORKS/ MASTERCAM/ AUTO CAD INVENTOR 2008/EDGE CAM	1 month	Deg./Dip. In Mech Engg./D'Man Mech
5	CAD USING AUTOCAD OR INVENTOR 2008	1 month	Deg./Dip. In Mech Engg./D'Man Mech
6	REVERSE ENGINEERING using Laser Portable CMM - Faro Scan Arm with one CAD software	1 month	Deg./Dip. In Mech Engg./ D'Man (Mech)
7	Operation of CO-ORDINATE MEASURING M/C (Inspection, point to cloud data, scanning)	1 month	Degree/Dip in Mech Engg./DME Machinist/Turner (ITI)
HI-TECH COURSES - ELECTRONICS			
8	VLSI Application in Industries	2 months	Degree in ECE/ EEE/CS/E&I
9	EMBEDDED DESIGN USING RTOS(VxWorks)	3 months	Deg. in ECE/EEE/E&I
10	ADVANCED NETWORKING USING CISCO ROUTERS	2 months	Any degree with computer knowledge
COMPUTER COURSES			
11	COMPUTER HARDWARE MAINTENANCE & NETWORKING	2 months	Any degree/ dip./Plus two
ELECTRICAL COURSES			
12	ELECTRICAL CONTROL SYSTEMS FOR INDUSTRIAL. APPLICATION	2 months	Deg./Dip./in Elec.Engg./ITI Electrician
13	PLC, AC DRIVES & CONTROL PANEL	1 month	Deg/Dip. in Engg/ ITI with 1 yr. Exp.
14	SERVICING & MAINTENANCE OF STABILISER /INVERTER/UPS	1 month	Dip. In EEE/ITI Electrician
15	ENVIRONMENT AUDITING & TRAINING	1 month	Deg./Dip. In Enviro./ Civil/Chemical Engg
16	ENERGY AUDITING & TRAINING	1 month	Deg./Dip. In Engg.
MECHANICAL COURSES			
17	FITTER (ARTISAN)	1 year	X std.
18	MACHINIST / TURNER (ARTISAN)	1 year	X std.
19	DIE CASTING MACHINE OPERATOR	3 months	X std.
20	BORING MACHINE OPERATOR	6 months	ITI Certificate
21	SHEETMETAL FABRICATOR	6 months	X std.
APPRENTICESHIP COURSES (Stipendary) Stipend paid as per the App. Act 1961 amended (1973/1986)			
22	GRADUATE APPTENTICE	1 year	Degree in Engg.
23	TECHNICIAN APPRENTICE	1 year	Diploma in Engg.
24	TECHNICIAN (VOCATIONAL) APPRENTICE	1 year	Plus two (vocational)