

MEDIUM TERM COURSES

(2019-2020)

SKILL DEVELOPMENT PROGRAMMES

FOR: DEGREE

COURSE	CONTENTS	DURATION	REG FEE	SEC DEP	COURSE FEES
MASTER CERTIFICATE COURSE IN AUTOMATION & PROCESS CONTROL (NSQF LEVEL- 7)	ELECTRICAL HARDWARE LOGIC CONTROL, ELECTRICAL MACHINES, SENSOR & TRANSDUCER, E-CAD, PNEUMATICS & HYDRAULICS SYSTEM, PROGRAMMABLE LOGIC CONTROLLER SCADA & HMI, TIA- PORTAL EMBEDDED SYSTEMS, ROBOTICS MACHINE MAINTENANCE, COMMUNICATION SKILL	24 WEEKS (8HRS/DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE TO ALL COURSES	40,000/-

FOR: DEGREE / DIPLOMA

COURSE	CONTENTS	DURATION	REG FEE	SEC DEP	COURSE FEES
MASTER CERTIFICATE COURSE IN COMPUTER AIDED TOOL ENGINEERING (NSQF LEVEL- 6)	COMPUTER AIDED DESIGN (AUTO CAD & SOLIDWORKS) COMPUTER AIDED DESIGN & MANUFACTURING (UNIGRAPHICS CAD & UNIGRAPHICS CAM), ADVANCE COMPUTER AIDED DESIGN (CREO) COMPUTER AIDED ENGINEERING (ANSYS & HYPERMESH), DESIGN OF PRESS TOOLS, DESIGN OF MOULDS ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8HRS/DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE TO ALL COURSES	40,000/-
MASTER CERTIFICATE COURSE IN CAD/CAM (NSQF LEVEL- 6)	COMPUTER AIDED DESIGN (AUTO CAD & SOLIDWORKS) COMPUTER AIDED DESIGN & MANUFACTURING (UNIGRAPHICS CAD & UNIGRAPHICS CAM), ADVANCE COMPUTER AIDED DESIGN (CREO & CATIA), CNC PROGRAMMING & CNC MACHINING COMPUTER AIDED ENGINEERING (ANSYS) ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8HRS/DAY)			40,000/-
MASTER CERTIFICATE COURSE IN TOOL DESIGN (NSQF LEVEL- 6)	COMPUTER AIDED DESIGN (AUTO CAD & SOLIDWORKS) COMPUTER AIDED DESIGN & MANUFACTURING (UNIGRAPHICS CAD & UNIGRAPHICS CAM), DESIGN OF JIGS & FIXTURES, PRESS TOOLS, MOULDS DESIGN OF DIE CASTING DIES, / ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8HRS/DAY)			40,000/-
MASTER CERTIFICATE COURSE IN CNC TECHNOLOGY (NSQF LEVEL- 6)	CNC MACHINING (LATHE & MILLING), CNC PROGRAMING (LATHE & MILLING - FANUC SERIES) ADVANCE CAM (MASTER CAM & UG CAM), DEL CAM BUSINESS COMMUNICATION COURSE - WORK : PROJECT	24 WEEKS (8 HRS / DAY)			40,000/-
MASTER CERTIFICATE COURSE IN PRODUCT DESIGN (NSQF LEVEL- 6)	COMPUTER AIDED DESIGN (AUTO CAD & SOLIDWORKS) COMPUTER AIDED MANUFACTURING (DELCAM) ADVANCE CAD (CREO PARAMETRIC), RAPID PROTOTYPING(ADDITIVE MANUFACTURING FUNDAMENTAL OF TOOL & DIES, 3D SCANNING & 3D PRINTING ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8 HRS / DAY)			40,000/-
ADVANCE DIPLOMA IN STRUCTURAL DESIGN & ANALYSIS (NSQF LEVEL- 6)	AUTO CAD (CIVIL),ENGINEERING DRAWING REVIT ARCHITECTURE, STAAD PRO, 3DS MAX , TOTAL STATION SOM, ESTIMATING & COSTING, ADOBE PHOTOSHOP, AUTO LEVEL, MS OFFICE SOFT SKILL, PROJECT WORK	24 WEEKS (8 HRS / DAY)			40,000/-
MASTER CERTIFICATE COURSE IN MECHATRONICS (NSQF LEVEL- 6)	INDUSTRIAL PNEUMATICS & HYDRAULICS SCADA, PLC PROGRAMING, E-CAD, SENSORS & ACTUATORS MECHATRONICS TECHNOLOGY & KITS ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8 HRS / DAY)			40,000/-
ADVANCE DIPLOMA IN MACHINE MAINTENANCE & AUTOMATION (NSQF LEVEL- 6)	ELECTRICAL HARDWARE CONTROL, ELECTRICAL MACHINES PNEUMATICS & HYDRAULICS, MACHINE MAINTENANCE,PLC, SCADA & HMI, ELECTRICAL CAD COMMUNICATION SKILL, PROJECT WORK	24 WEEKS (8 HRS / DAY)			40,000/-
MASTER CERTIFICATE COURSE IN WELDING OPERATION	ADVANCE WELDING TECHNOLOGY ARC WELDING , GAS WELDING, MIG / MAG WELDING, TIG WELDING ENTREPRENEURSHIP, COURSE - WORK : PROJECT	24 WEEKS (8 HRS / DAY)			40,000/-

**FOR BE / DIPLOMA / ITI
(PART TIME COURSES FOR INDUSTRIAL PROFESSIONALS ONLY)**

COURSE	CONTENTS	DURATION	REG FEE	SEC DEP	COURSE FEES
CERTIFICATE COURSE IN MECHATRONICS	APPLIED PNEUMATICS, APPLIED HYDRAULICS, PLC PROGRAMMING, MECHATRONICS TECHNOLOGY, PROJECT WORK	24 WEEKS (4 HRS / DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE TO ALL COURSES	25,000/-
CERTIFICATE COURSE IN VLSI & EMBEDDED SYSTEMS DESIGN	DSCH, COMS, LAYOUT DESIGN (MICRO WIND 3), VHDL, XILINX, ALTERA, VERILOG, PLD (FPGA & CPLD), EMBEDDED SYSTEM, C LANGUAGE, 8051, PIC & ARM7 (LPC2148) MICROCONTROLLER PROJECT WORK	24 WEEKS (4 HRS / DAY)			25,000/-
CERTIFICATE COURSE IN CAD/CAM	AUTOCAD (CAD), MASTER CAM(CADCAM), CATIA, (CAD), UNIGRAPHICS (CAD/CAM), CNC PROGRAMMING, PROJECT WORK	24 WEEKS (4HRS/DAY)			25,000/-
CERTIFICATE COURSE IN TOOL DESIGN	AUTOCAD (CAD) DESIGN OF JIGS & FIXTURES, DESIGN OF PRESS TOOLS, DESIGN OF MOULDS, DESIGN OF DIE CASTING DIES, PROJECT WORK	24 WEEKS (4 HRS/DAY)			25,000/-
CERTIFICATE COURSE IN TOOL DESIGN & CAD/CAM	AUTOCAD (CAD), MASTERCAM (CAM), CATIA (CAD), UNIGRAPHICS (CAD/CAM), DESIGN OF JIGS & FIXTURES, DESIGN OF PRESS TOOLS, DESIGN OF MOULDS, DESIGN OF DIE CASTING DIES, CNC PROGRAMMING , PROJECT WORK	48 WEEKS (4 HRS/DAY)			50,000/-
CERTIFICATE COURSE IN PRODUCT DESIGN	AUTOCAD (CAD), SOLID WORKS (CAD), DELCAM RP&RE, TOOL DESIGN, PROJECT WORK	24 WEEKS (4 HRS / DAY)			25,000/-
CERTIFICATE COURSE IN 3D PRINTING & REVERSE ENGINEERING	AUTOCAD (CAD), SOLID WORKS (CAD), 3D PRINTING, 3D SCANNING, PROJECT WORK	24 WEEKS (4 HRS / DAY)			25,000/-

FOR ANY GRADUATES

COURSE	CONTENTS	DURATION	REG FEE	SEC DEP	COURSE FEES
CISCO CERTIFIED NETWORK ASSOCIATE (CCNA) (NSQF LEVEL – 6)	INTRODUCTION TO WIDE AREA NETWORK, INTER NETWORK OPERATING SYSTEM, IP ROUTING (STATIC & DYNAMIC), LAN SWITCHING, IPV4, IPV6.STP.PVSTP & RSTP, VIRTUAL PRIVATE NETWORK-VPN, REDUNDANCY PROTOCOLS, NETWORK MONITORING TOOLS, NAT & PAT, CISCO EXPRESS FOEWARDING.	18 WEEKS (5 HRS/DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE	20,000/-
ADVANCE DIPLOMA IN COMPUTER HARDWARE & NETWORK MANAGEMENT (NSQF LEVEL – 6)	POWER SUPPLY, PC ARCHITECHTURE, SOFTWARE INSTALLATION, UP GRADATION & MAINTENANCE, NETWORK ESSENTIALS, SET UP MANAGEMENT, NETWORK MANAGEMENT & SERVER CONFIGUARATION, LINUX MANAGEMENT & NETWORK CONFIGUARATION, BASIC ELECTRONICS, OFFICE PACKAGE, COMMUNICATION SKILL	24 WEEKS (6 HRS/DAY)			25,000/-

FOR 12TH PASSOUT / B.SC. GRADUATES / ITI (APPEARED)

COURSE	CONTENTS	DURATION	REG FEE	SEC DEP	COURSE FEES
ADVANCE CERTIFICATE COURSE IN INSPECTION & QUALITY CONTROL (NSQF LEVEL-5)	ENGINEERING DRAWING, ENGINEERING METROLOGY, CAD (AUTO CAD & UNIGRAPHICS NX), WORKSHOP CALCULATION, TOTAL QUALITY MANAGEMENT, INSPECTION(CMM), PROJECTS	24 WEEKS (8HRS/DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE	30,000/-

FOR: SSC (PASSOUTS)

COURSE	CONTENTS	DURATION	REG. FEE	SEC. DEP.	COURSE FEES
CERTIFICATE COURSE IN CNC MACHINE OPERATIONS – LATHE (NSQF LEVEL- 4)	WORKSHOP TECHNOLOGY, BLUE PRINT READING, ENGINEERING METROLOGY, WORKSHOP PRACTICE (LATHE), CNC PROGRAMMING (LATHE), CNC MACHINING (LATHE), LIVE PROJECTS - CNC MACHINING	24 WEEKS (8HRS/DAY)	REGISTRATION FEE OF RS. 600/- APPLICABLE TO ALL COURSES	SECURITY DEPOSIT OF RS. 3000/- APPLICABLE	20,000/-
CERTIFICATE COURSE IN CNC MACHINE OPERATIONS – MILLING (NSQF LEVEL- 4)	WORKSHOP TECHNOLOGY, BLUE PRINT READING, ENGG. METROLOGY, WORKSHOP PRACTICE (MILLING), CNC PROGRAMMING (MILLING), CNC MACHINING (MILLING), LIVE PROJECTS - CNC MACHINING	24 WEEKS (8HRS/DAY)			20,000/-
CERTIFICATE COURSE IN MACHINE OPERATIONS – WIRE CUT & EDM	WORKSHOP TECHNOLOGY, BLUE PRINT READING, ENGINEERING METROLOGY, WORKSHOP PRACTICE (LATHE & MILLING), CNC PROGRAMMING (WIRE CUT & EDM), CNC MACHINING (WIRE CUT & EDM), LIVE PROJECTS – CNC MACHINING	24 WEEKS (8HRS/DAY)			20,000/-

ONE BATCH WILL BE STARTED FORM THE FIRST MONDAY OF EVERY MONTH FOR ALL COURSES.

NOTE:

INSTITUTE RESERVES RIGHT TO INCORPORATE CHANGES IN COURSE CONTENTS, COURSE DURATION, INTAKE CAPACITY, NO. OF BATCHES & COURSE FEES WITHOUT PRIOR NOTICE. 18% GST WILL BE APPLICABLE ON COURSE FEE, REGISTRATION FEE & OTHER FEE FOR NON NSQF MEDIUM TERM COURSES & WILL HAVE TO BE BORNE BY THE TRAINEE FOR NON NSQF COMPLIANCE COURSES COURSE FEE EXEMPTION IN CASE OF SC ST CANDIDATES IS NOT APPLICABLE