

DEMAND ACCORDING TO NEW SYLLABUS
TRADE: TURNER
LIST OF TOOLS & EQUIPMENT

SR. NO	SL. NO	NAME OF THE EQUIPMENT	SPECIFICATIONS
1	11	SURFACE PLATE 60*60CM.	60*60CM MAKE C.I. /GRANITE
2	13	MARKING TABLE 120*120CM	120*120CM STAND MILD
3	25	FILE ROUND 250MM SMOOTH	A STANDRAD FILE ROUND SMOTH 250MM TYPE MADE OF HCS WITH HANDLE
4	28	COMBINATION SET 300MM(COMPLETE) SET	COMBINATION SET SQUARE WITH LAVLE SCRIBE &12*300MM STEEL METAL RULER RULE SET
5	32	PLIER FLAT NOSE 150MM SIDE CUTING	150MM EQUIPMENT'S.PLAN TABLE WITH STANDS&ACCESSORIES
6	37	MICROMETER OUT SIDE 50 TO 75MM READING 0.01MM	RANGE50-75MM LEAST COUNT 0.01MM,CARBIDE TIPPED MEASURING FACES
7	38	MICROMETER IN SIDE UP TO 25MM READING0.01MM	RANGE UP 25MM WITH LEAST COUNT 0.01MM,CARBIDE TIPPED MEASURING FACES
8	39	MICROMETER IN SIDE UP TO 50MM TO 150MM READING0.01MM	RANGE UP 50-150MM WITH LEAST COUNT 0.01MM,CARBIDE TIPPED MEASURING FACES
9	40	DEPTH GAUGE MICROMETER 0 TO 150MM READING 0.01MM	RANGE UP 50-150MM WITH LEAST COUNT 0.01MM,CARBIDE TIPPED MEASURING FACES
10	42	DIAL VERNIER CALIPER WITH METRIC 200MM READING 0.05M	STAINLESS STEEL,READOUT 0.01MM,0.02MM,MEASURING RANG:0-200,SATIN CHORME PLATED
11	43	VERNIER BEVEL PROTRACTOR 300MM BLADE	WITH MAGNIFYING GLASS AND ACUTE ANGLE ATTACHMENT TWO BLADES 150MM AND 300MM LEAST COUNT 5',DIGIMATIC ELECTRONIC TYPE ALSO AVAILABLE
12	45	VERNIER MICRO METER 25MM TO 50MM OUT SIDE READING 0.001MM	MATT CHORME THIMBLE AND SLEEVE <ul style="list-style-type: none"> • TUNGSTEN CARBIDE MEASURING • ENAMELLED STEEL FRAME • MINIMUM ACCURACY SCALE 0.01MM • MEASURING RANGE :25-50MM • LOCK • RATCHET
13	46	VERNIER MICRO METER INCH TO 1INCH OUT SIDE READING 0.0001INCH	MATT CHORME THIMBLE AND SLEEVE <ul style="list-style-type: none"> • TUNGSTEN CARBIDE MEASURING FACES • ENAMELLED STEEL FRAME • MINIMUM ACCURACY SCALE 0.01 INCH

			<ul style="list-style-type: none"> • MEASURING RANGE :0-1 INCH • LOCK • RATCHET
14	48	RADIUS GAUGE 1 TO 7 MM& 7.5 TO 15 MM	RANGE (MM) 1-7&7.5-15MM GAGES 14 INCREMENTS 0-5 MM MATERIAL STEEL
15	51	DRILL ANGEL GAUGE	RILLS ARE MANUFACTURED FROM THE FINEST U.S.TOOLS STEEL
16	52	DIAL TEST INDICATOR 0.01MM WITH MAGNETIC BASE	1-10MM DIAL IN 0.01MM INCREMENT (METRIC).MAGNETIC BASE WITH FINE ADJUSTMENT
17	54	TRY SQUARE 150 BLADE	BLADE 200MM LONG WITH LASERED MM SCALE HANDLE MADE OF BEECHWOOD WITH BRASS RAIL
18	55	MAGNIFYING GLASS 75 MM DIA	2LENSES HANDHLED MAGNIFYING GLASS+75MM MATERIAL PLASTIC FRAME, WITH COMPASS
19	59	SCREW THREAD MICROMETER INTER CHANGE ABLE	SCREW THREAD MICROMETER INTERCHANGE ABLE MAKE MATERIAL TYPE CARBIDE
20	61	SIN BAR WITH CENTERS 200MM	SIN BAR WITH CENTERS 200MM MADE FROM HIGH QUALITY ALLOY STEEL
21	62	SLIP GAUGE METRIC SET (87 PIECES IN A BOX)	SLIP GAUGE METRIC SET (87 PIECES IN A BOX) HIGH GRADE STEEL/CARBIDE/CERAMIC
22	69	TAP&DIE MATRIC SET UP TO 25MM	SIZE UP TO 25 MM EACH HIGH CARBON STEEL TAP AND DIE HAS SIZE & STARTING SIZE PERMANENTLY
23	70	TAP&DIE B.S.F.UP TO 1 INCH	1 INCH HIGH CARBON STEEL TAP AND DIE HAS SIZE AND STARTING SIDE PERMANENTLY MARKED ON EACH
24	71	TAP&DIE B.S.W.UP TO 1" INCH	1 INCH HIGH CARBON STEEL TAP AND DIE HAS SIZE AND STARTING SIDE PERMANENTLY MARKED ON EACH
25	74	TOOL HOLDER RH & STRAIGHT FOR MM SQUARE TOOL BIT.	TOOL HOLDER RH & STRAIGHT FOR MM SQUARE TOOL BIT HIGH CARBON STEEL
26	76	TOOL BITS 12*150MM SQUARE ASSORTED SHAPED	12*150 MM MAKE WITH HIGH SPEED STEEL TOOL BITS
27	77	BORING TOOL HOLDER FOR 6MM SQ. TOOL BIT	BORING TOOL HOLDER FOR 6MM SQ. TOOL BIT HIGH CARBON STEEL
28	78	STEEL RULE 300MM WITH METRIC&INCH	STEEL RULE 300MM WITH METRIC&INCH STAINLESS STEEL
29	82	SPIRIT LEVEL 0.05 METER 200M	SMULTANEOUS MEASURING OR LEVELING OF SURFACES ON MACHINES
30	83	TOOL MAKER'S BUTTON	TOOL MAKER'S BUTTON MADE ALLOY STEEL
31	108	COVENTRY TYPE DIE HEAD(SELF OPENING)	¼" TO 1"(THREADING CAPACITY)3/8" TO 1 1/2"...CUTTING DIE HEAD AS COMPARISON TO COVENTRY TYPE SELF OPENING DIE HEAD
32	112	BORE DIAL GAUGE STEM S-12 TO 35 MM,35 TO 65MM, DIAL GAUGE INDICATOR OF 0.01ACCURACY	12 TO 35MM. 35 TO 65 MM 0.01 ACCURACY

LIST OF ADDITIONAL MACHINES ,TOOL&EQUIPMENT FOR TWO UNITS CNC

SR. NO	SL. NO	NAME OF THE EQUIPMENT	SPECIFICATIONS
1	1	CNC TURING CENTER DIA 150MM BETWEEN CENTER DISTANCE 500MM ATLEAST&STATION TURRET PREFERABLY WITH A POPULAR CONTROLER LIKE FANUC SIEMENS ETC.	<ul style="list-style-type: none"> • CAD-CAM COMPATIBILITY • FANUC EMULATED KEY BOARD • TABLE LOCKING FACILITY WITH STEPPER MOTOR • POWERFUL STEPPER MOTORS FOR AXIS CONTROL • POWERFUL PC SOFTWARE FOR GRAPHIS • DISPLAY OF ACTUAL,FEED RATE SPINDLE SPEED • AUTOMATICALLY DETECTS WRONG STEPS IN PROGRAMMING • SAFETY FUNCTIONS WITH EMERGENCY STOP OVER • ALARM&SELF DIAGNOSTIC FUNCTIONS ,CENTER HEIGHT 100MM SWING OVER CARRIER - 60MM DISTANCE BETWEEN CENTER-200MM MAX MACHINING DIAMETER-30MM MAX LONGITLIOINAL TRAVEL-300MM SPINDLE SPEED (WITH BACK GEAR) – 40 TO 2000 RPM CROSS SLIDE INCLINATION 0 DEGREES, STANDARD CUTTING TOOL SIZE 16*16MM SPINDLE MOTOR DC MOTOR, 1 HP THREAD CUTTING-STRAIGHT AUTOMATIC LUBRICATION POINTS PROVIDED INPUT SYSTEM METRIC /INCH • CONTROL AXIS SIMULTAN EOUS AXIS INTERPOLATION LINEAR,CIRCULAR,PARABOLIC&ELLIPTICAL,MINIMUM INCREMENT-0.005MM • MINIMUM MOVEMENT COMANDX-0.005MM MINIMUM MOVEMENT COMMANDZ-0.005MM REPEATABILTY-+0.020MM • FEED RATE X&Z-400MM/MIN RAPID FEED RATE X&Z 800MM /MM PROGRAMMABLE DWELL(SECONDS)- PROGRAMMABLE TOOL OF SET WITH TURRET-8 NOS BACKLASH COMPENSATION-PROVIDAD SPEED OVER RIDE -40%-160% FEED OVER RIDE20%-120% TYPE OF CONTROL SYSTEM – PC BASED SYSTEM REAL TIME TOOL PATH SIMULATION PROVIDED CNC TRAINER TOOLS ASSORTED -01 SET CNC BORING TOOL ASSORTED -01 SET
2	2	MULTIMEDIA TEACHWARE FOR CNC TECHNOLOGY & INTERACTIVE CNC MACHINE SIMULATORS WITH CONSOLE EMULATOR SOFTWARE OF POPULAR CONTROL SYSTEM MAKES FANUC SIEMENS	CNC TURNING TOOL ASSORTED AS PER ONE TRAINER TOOL HOLDER SPECIFICATION

		MITSUBISHI, ETC. 1 FOR FACULTY 10 FOR STUDENTS	
3	3	MULTIMEDIA TEACHWARE FOR CNC TECHNOLOGY	MULTIMEDIA TEACHWARE FOR CNC TECHNOLOGY
4	4	CNC TURNING TOOL ASSORTED	CNC GROONING TOOLS (EXT&INT) AS PER ONE TRAINER TOOL HOLDER SPECIFICATION
5	5	CNC BORING TOOL ASSORTED	CNC BORING TOOL ASSORTED AS PER ONE TRAINER TOOL HOLDER SPECIFICATION
6	6	CNC GROOVING TOOLS (EXT&INT)	CNC GROOVING TOOLS (EXT&INT) AS PER ONE TRAINER TOOL HOLDER SPECIFICATION
7	7	LCD PROJECTOR/LARGE SCREEN T.V	LCD PROJECTOR/LARGE SCREEN T.V
8	8	DIGIMATIC ELECTRONIC VERNIER CALIPER INCH &MM 8"/200MM L.C.M 0.005"/0.001MM	DIGIMATIC ELECTRONIC VERNIER CALIPER INCH &MM 8"/200MM L.C.M 0.005"/0.001MM
9	9	DIGIMATIC ELECTRONIC OUT SIDE MICROMETER (0 TO 25MM& 25 TO 50MM) N L.C.0.001MM	DIGIMATIC ELECTRONIC OUT SIDE MICROMETER (0 TO 25MM& 25 TO 50MM) N L.C.0.001MM