

**BILL OF MATERIAL REQUIRED FOR EACH TRAINEES FOR THE FOLLOWING TRADES DURING THE
ALL INDIA TRADE TEST OF CRAFTSMEN (ANNUAL PATTERN) UNDER CRAFTSMAN TRAINING
SCHEME TO BE HELD IN THE MONTH OF MARCH-2022**

AITT-March-2022

Bill of Materials

Year-1

**1ST YEAR BILL OF MATERIAL FOR AITT PRACTICAL EXAMINATION UNDER CTS & DST (YEARLY
PATTERN)TO BE HELD IN THE MONTH OF MARCH-2022**

CARPENTER

- 1 Hard wood 20mm X 90mm X 300 mm – 2.Nos
 Hard wood 20mm X 90mm X 160 mm – 3.Nos
 Hard wood 20mm X 90mm X 80 mm – 2.Nos
 Wire nail 1.1/2" 50g. Each OR Screw (35 x 8) 20.Nos
- 2 Fevicol as 50g. Each
- 3 Sand paper No. 60, 100 each 01.No.

DRAUGHTSMAN (MECHANICAL)

- | | |
|------------------|-----------------------|
| 1.Drawing sheet | 01 no. |
| 2.Drawing pencil | H,HB,2H (o1nos.) |
| 3.Erasser | 01no. |
| 4.Cellotape | 01 roll (for batch) |
| 5.Sand paper | 05 sheets (for batch) |

ICTSM

1. Unregulated Dc Power Supply-030v-1no
2. CRO 30MHz-1no
3. Transistor SI100 Or Equivalent-1no
4. Zener Diode-12v, 1/4w
5. Resistor, Carbon 1/4w(180Ω, 1kΩ, 220Ω, 330Ω) 1NO EACH
6. Capacitor- 10μf, 25V-1no
7. LED-1no
8. Hook Up Wires-As Required.

9. PC-1no
10. Ubuntu OS Installation Disc-1no
11. Window Installation DVD-1no
12. SMPS AT Type-1no
13. SMPS ATX Type-1no

INSTRUMENT MECHANICS

1. Discrete component Trainer
2. Bread board
3. CRO
4. Zener diode, Diodes
5. Flexible Wire, Switches

LABORATORY ASSISTANT CHEMICAL PLANT

1. Chemicals and Glass wares available in the laboratory, Platinum loop
2. Nichrome Wire
3. Simple Pendulum

MACHINIST

1. MS FLAT- (45X34X10) mm (02 Nos)

TOOL & DIE MAKER

1. MS FLAT (80x80x10) mm 01 no
2. MS FLAT (40x25x10) mm 01 no

MASON BUILDING

1. Measuring tape 30 mtrs
2. Laterite stone
3. G.I Wire
4. 1/2 inch stone chips
5. Cement
6. Sand
7. Tray
8. Trowel
9. Straight snip
10. M.S Try square of 2' length

ATTENDANT OPERATOR CHEMICAL PLANT

1. PH Paper
2. M.S. flat 80*60*5(mm)
3. Hacksaw blade

DRESS MAKING

1. Brown paper
2. Fabric
3. Matching thread
4. Needle
5. Tailor chalk
6. Bottom

SEWING TECHNOLOGY

1. Brown paper
2. Fabric
3. Matching thread
4. Needle
5. Tailor chalk
6. Bottom
7. Elastic

MECHANIC MINING MACHINERY

- 1.Flat-50mm X 6 mm

PLASIC PROCESSING OPERATOR

1. Available Would for Injection Moulding .
2. HDPE (Injection Grade)
3. Required Tools and Equipment

MECHANIC TRACTOR

1. Tractor (Wheel type) for dismantling
2. Fuel Filter
3. Diesel

FOOD PRODUCTION GENERAL

- 1) RICE-500gm
- 2) Carrot-250gm
- 3) Bins-250gm
- 4) Cauliflower-1 piece
- 5) Patato-500gm
- 6) Capsicum-200gm
- 7) Peas-100gm
- 8) Cumin(whole)-50gm
- 9) Oil-500ml
- 10) Cucumber-250gm
- 11) Curd-250ml
- 12) Onion-500gm
- 13) Flour-500
- 14) Sugar-1kg
- 15) Banana-3 piece
- 16) Cottage chesse-500
- 17) Sunf-25gm
- 18) Paneer-250gm

MECHANICS AGRICULTURE MACHINERY

1. Engine assembly
2. Cotton waste- As required
3. Trainees tool kit
4. Spare parts as per requirement
5. Trainee too kit
6. Cylinder bore dial gauge . Kerosene as per required

INDUSTRIAL PAINTER

1. METAL SURFACE PIECE 6" × 6" EACH STUDENT
2. THINNER
3. WOOD PICE
4. WOOD PRIMER
5. CRIMSSION RED PAINT
6. WALL PRIMER
7. ENAMEL PAINT

MECHANIC MECHATRONICS

1. Mild Steel Flat (45x32x10) mm = 2 each

MARINE ENGINE FITTER

1. Engine assembly
2. Cotton waste- As required
3. Trainees tool kit
4. Spare parts as per requirement
5. vernier caliper
6. Kerosene as per required

PAINTER GENERAL

1. POSTER COLOUR
2. DRAWING SHEET

SURVEYOR

1. Drawing sheet A3-One for Each
2. Pencil HB
3. Eraser
4. Set of scale
5. Cello Tape

MECHANIC TRACTOR

1. Engine Assembly
2. Cotton waste- As required
3. Battery
4. Trainees tool kit

5. Spare parts as per requirement
6. Hydrometer
7. Grease gun
8. Cylinder bore dial gauge
9. Kerosene as required

Note: *All tools, Instrument and equipment as per syllabus of the trade should be kept ready in working condition.

Year-2

2ND YEAR BILL OF MATERIAL FOR AITT PRACTICAL EXAMINATION UNDER CTS & DST (YEARLY PATTERN) TO BE HELD IN THE MONTH OF MARCH-2022

DRAUGHTSMAN (MECHANICAL)

- | | |
|-------------------------|----------------------------|
| 1. Drawing sheet | 01 nos. |
| 2. Drawing pencil | H, HB, 2H (01 nos.) |
| 3. Erasser | 01 nos |
| 4. Cellotape | 01 roll (for batch) |
| 5. Sand paper | 05 sheets (for batch) |
| 6. Computer in auto cad | 01 no. (For each trainees) |

ICTSM

1. Windows pc -1no
2. Multimedia/speaker/headphone-1no
3. Microphone-1no
4. Sound card-1no
5. Sound card driver Cd-1 no
6. Internet Connection
7. IO Box
8. Patch panel
9. Wire cutter

- 10 .Cat 6 cable
11. Punching tool
12. Keystone jack
- 13 .Crimping tool
14. RJ45 Connector
15. Wire stripper
16. Cat 6 Cable

INSTRUMENT MECHANIC

1. LVDT Trainer
2. Dead Weight Tester
3. Hydraulic trainer
4. Pressure Gauge
5. Multimeter

ATTENDANT OPERATOR CHEMICAL PLANT

1. PH Paper
2. M.S. flat 80*60*5(mm)
3. Hacksaw blade

LABORATORY ASSISTANT CHEMICAL PLANT

1. Coconut oil, olive oil, Rice Bran oil, Castor oil
2. NaOH (caustic soda)
3. Copper carbonate

MACHINIST

1. Cast Iron block (100x50x50) mm

TOOL & DIE MAKER

1. MS ROUND BAR- DIA. 35mm X100mm

MECHANIC MINING MACHINERY

1. Flat-50mm x 10mm

MECHANICAL MACHINE TOOL MAINTENANCE

1. Ms Bar 50 diameter x 50 mm

MECHANICS AGRICULTURE MACHINERY

1. Rotavetor
2. Cotton waste- As required
3. Disc plough
4. Spare parts as per requirement
5. Trainee tool kit
6. Kerosene as required
7. Grease gun
8. Air impact wrench

MECHANIC MECHATRONICS

1. Hydraulic Trainer circuit
2. Hydraulic oil
3. Waste cotton

SURVEYOR

1. Drawing sheet A3-One for Each
2. Pencil HB
3. Eraser
4. Set of scale
5. Cello Tape

Note: *All tools, Instrument and equipment as per syllabus of the trade should be kept ready in working condition.