

## RADIO & T.V. TECHNICIAN

(603-604 & 703-704)

The institution having the following requisite infrastructure, may apply for accreditation:

**A. Class Room :**

Class room for 20 students (Minimum area 225 sq. ft.) should have proper ventilation, well-illuminated black board/white board and availability of adequate furniture and ceiling fans

**B. Workshop :**

The size of workshop for 20 students should be at least 25ft. x 20 ft. with adequate lighting and exhaust & ceiling fans. The workshop should have the following Tool/Equipments/Apparatus or material for Practical Training:

### List of Tools

Sl. No	Tools	Qty.	Sl. No	Tools	Qty.
1.	Screw driver sets	5-10 Set	8.	Adjustable wrench set	5-10 Set
2.	Combination pliers	5-10 Set	9.	Ball peinhammer	5-10 Set
3.	Diagonal cutting pliers	5-10 Set	10.	Allen keys set	5-10 Set
4.	Long nose pliers	5-10 Set	11.	Neon Tester	5-10 Set
5.	Hand drills	5-10 Set	12.	Double ended spanner sets	5-10 Set
6.	Hacksaw	5-10 Set	13.	Hammer cross pein 100gm	5-10 Set
7.	Soldering Iron 10W, 60W & 250W	5-10 Set			

**C. List of Instruments and Equipments:**

Sl. no	Instruments & Equipment	Qty.	Sl. No	Instruments & Equipment	Qty.
1.	AM Radio receivers 2 band, FM Radio receivers	2+2	12.	High Voltage Probe	1
2.	Cassette Tape recorder	2	13.	TV Antenna	1
3.	Black & white TV set portable with remote	1	14.	Voltage stabilizer	1
4.	Colour TV sets with remote	1	15.	Antenna Booster (optional) for remote areas where signals are weak	2
5.	Multimeters	2	16.	Extension Boards Milli Vott	5
6.	Digital Multimeters	2	17.	Millilvolt meter	1
7.	R.F. Signal Generator	1	18.	Power Meter 250V, 150	1

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8.	Oscilloscope 15 MHz	1	19.	Mobile - Audio & Video	1
9.	Pattern Generator	1	20.	CD player & recorder	1
10.	Colour Ban generator	1	21.	FM	1
11.	Audio Signal Generator	1	22.	Unserviceable Radio, T.V., Tape Recorder sets (Tools)	5 sets each

**D. Physical Facilities :** The institution should have the facilities for drinking water, bathrooms & toilets

**E. Library :** Library should have a minimum 20 books/articles/magazines etc. in related subject.

**F. Faculty & Supporting Staff:**

Faculty & Supporting Staff	Educational/Professional Qualification	No.
Coordinator	Degree/Diploma in appropriate branch with 5 years experience	01
Instructor	Diploma in Electronics or ITI Certificate in Electronics trade with 2 yrs. experience	01
Receptionist cum clerk	Graduation. Must have computer background	01

**G. Batch size -** Maximum 20 students in one batch.

**Note :** An institution can run maximum 2 batches for this course.