

DIPLOMA IN BASIC RURAL TECHNOLOGY (452-455)

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

A. Classroom :

Well ventilated, illuminated classroom for 25 students (minimum area 225 Sq. ft.) should have black board/white board, adequate furniture and also with the availability of exhaust & ceiling fans.

B. Lab :

Well ventilated, illuminated lab (at least 20 ft. x 20 ft. for 25 students) should have black board/white board, adequate furniture and also with the availability of exhaust & ceiling fans.

C. Faculty and Supporting Staff :

S. No.	Faculty & Supporting Staff	Educational/Professional Qualification	No.
1.	Coordinator	Graduate	01
2.	Instructor (Part time)	Nursing course	01
3.	Instructor – Agriculture & Animal Husbandry	Degree/Diploma in Agriculture /Animal husbandry or NIOS's DBRT course with sufficient practical experience	01
4.	Instructor – Engineering	Degree/Diploma in Engineering discipline or ITI in related trades or NIOS's DBRT course with sufficient practical experience	01
5.	Instructor – Electrical	Degree/Diploma in Engineering discipline or ITI in related trade or NIOS's DBRT course with sufficient practical experience	01
6.	Instructor – Food lab	Class 12th Pass – Home science or practical experience in food processing or NIOS's DBRT course with sufficient practical experience	01
7.	Receptionist cum clerk	Relevant to job	01

ID. List of Tools and Equipment :

S. No.	Tools/Equipments	Req. Qua.
1.	Screw Driver 12"	4
2.	Hacksaw Frame 12"	4
3.	Spanners 16/ 17- 20/21	4
4.	Spanners 11-14	4
5.	Adjustable Spanners 11-21	2
6.	Combination Pliers	4
7.	Rectangular Files Rough	4
8.	Rectangular Files Fine	2
9.	Ring Spanner Set	1
10.	SS Ruler 12" Scale	4
11.	SS Meter Scale	2
12.	Bench Vices 4"	1
13.	Tread Gauge	3
14.	Wire Gauge 55	1
15.	Welding Transformer 8 Kva,1/3 hp	1
16.	Screen , Cable , Holder	2
17.	Tounge and Gloves	2
18.	Oil Can	2
19.	Grease Gun	1
20.	Round Files 8"	1
21.	Triangular Files	4
22.	Shearing Machine 10"	1
23.	Bench Drill 13mm Single Phase	1
24.	Bench Grinder	1
25.	RSS Drill Bit Set 4mm - 12mm	1
26.	Hammer 1/2 Kg	2
27.	Hammer 1Kg	2
	Carpentry	
28.	Panel saws 12"	4
29.	Chisels 1/4"	5
30.	Chisels 1/2"	5
31.	Chisels 1/5"	5
32.	Rasp Files	2
33.	Claw Hammer	1
34.	Jack Plane	4

35.	Spirit Level	2
36.	Mallets	4
37.	Portable Hand Drill Machine	2
38.	Auger 1/2',3/4'	2
39.	Cross Axe	1
40.	Carborendum Stone	1
	Construction	
41.	Ghamelas	4
42.	Trowels	4
43.	Masonry Chisel	1
44.	Masonry Drill Bit 8mm	1
45.	Plumb Line	2
	Energy and Environment	
46.	Tester	4
47.	Screw Driver 6"	4
48.	Measuring Tape 3m	4
49.	Pliers	4
50.	Switches	20
51.	Lamp Holders	20
52.	3 Pin Plugs	10
53.	Transformer 230/155 , 100W	1
54.	Digital Multi-meter	1
55.	Wiring Folding Boards	10
56.	Cutting Pliers	2
57.	Nose Plier	2
58.	Tube Light	2
59.	Voltmeter ,0 - 500V	1
60.	Ammeter , 0-200Amp	1
61.	Solar Cooker	1
62.	Pressure Stove	1
63.	Wick Stove	1
64.	Biogas Stove	1
65.	Smokeless Chula	1
66.	Topo Sheets 1: 25000	4
67.	Plane Table Survey Kit	2
68.	Compass Prismatic	1
69.	Cloth Measure Tape 30m	1
70.	Pantograph	1

71.	Dumpy Level	1
72.	Hand Pump Repair Kit	1
73.	Pipe Treading dies 1" - 1/4 "	1
74.	Rod Treading Dies 13mm	1
75.	Rod Treading Dies 1/2"	1
	Agriculture and Animal Husbandry	
76.	Ghamelas	4
77.	Khurpi	4
78.	Khore	2
79.	Tikav	2
80.	Vila	4
81.	kurhad	2
82.	Showels	4
83.	Buckets	2
84.	10 kg Balance	1
85.	Knapsack Spayer	1
86.	Aspi Bolo Srayer	1
87.	Hand Rotary Duster	1
88.	Budding Knife	2
89.	Measuring Cylinders 100ml	2
90.	Milk Measure 250 ml ,500ml and 1Litre	3
91.	Thermos	1
92.	Lactometer	1
	Home and Health	
93.	Heamoglobinometer	1
94.	Calorimeter	1
95.	Pocket Refractometer	1
96.	Clinical Thermometer	1
97.	First Aid Kit	1
98.	Sewing Machine (Pedal operated)	1
99.	Pressure Cooker and	
100.	Slicer , Knives , Utensils etc.	1
101.	Blood Group Detection Kit	1
102.	Knitting Needles 2.5	20

E. Physical Facilities :

The institution should have the facilities for Drinking water, bathrooms & toilets.

F. Library :

Library should have utility books/articles/magazines in related subject.

G. Batch Size :

Maximum 25 students per batch. An institution can run maximum 4 batches for this course at a time.