

6.4.4 Classrooms and Laboratories

- a. Information on list of major equipments available at Dept. of Agril. Entomology utilized for UG/PG degree programme

Sr. No.	Name of the Equipment	Quantity	Remark
Department of Agronomy			
	Weighing balance		
1	Weighing balance 1o kg	1	
2	Electron top pan balance	2	
3	Ultratech electronic balance	1	
4	Electron top pan balance 10 kg	1	
5	Electron top pan balance 01 kg	1	
6	Electron top pan balance 300g	1	
7	Meteorology charts	9	
	Soil sampling auger	1	
8	Screw auger 35 mm	1	
9	Screw auger 50 mm	1	
10	Post hole auger 150 mm	1	
11	Soil core sampler	1	
12	Augar 10 cm	1	
13	ATC tube auger	1	
	Tensiometer		
14	Tensiometer 12''	1	
15	Tensiometer 29''	1	
16	Tensiometer 30 cm	02	
17	Tensiometer inseath coring tool	02	
18	Tensiometer primingsyringe	02	
19	Gypsum block	10	
20	Overhead projector	02	
21	Refractometer	01	
22	pH meter	01	
23	Digital pH meter	01	
24	Digital conductivity meter	01	
25	Sand sugar refractometer	01	
26	Standerd test sieves	11	
27	Hot air oven	02	
	Spraybers		
28	Hi-tech sprayer	03	
29	Knapsac sprayer		
30	Leaf area meter	01	
31	Lux meter	01	
32	Water analysis colorimeter kit	01	
33	V notch 90 1ft	1	
34	V notch ½ 90 1ft	1	
35	V notch ¼ 90 1ft	1	
36	Permeability test apparatus	1	
37	Rapid moisture meter	1	
38	Ground nut decorticator	1	
39	Groundnut stripper	1	
40	Hand hoe	4	
41	Stubble collector	2	
42	M B Plough	1	

43	Wheel hand hoe	1	
44	Seed cum fertilizer drill	1	
Department of Agril. Botany			
1	Trinocular Olympus microscope with Magnus MIPS CMOS Camera Model MIPS-10MP	01	
2	Students microscope	05	
3	BOD incubator	01	
4	Hot air oven	01	
5	Autoclave	01	
6	Horizontal laminar flow	01	
7	Double distillation unit	01	
8	Deep refrigerator	01	
9	Muffle furnace	01	
Department of Agril Economics			
1	Computer Desktop	12	
2	Overhead projector(Sony)	01	
Department of Agril. Engg.			
1	Plane table tripod fixing ring	03	
2	Engg. Chain 30 m.	02	
3	Ranging rod (black)	20	
4	Plumb bob	03	
5	Line ranger	03	
6	Dumpy level with stand	03	
7	Alidade brass nickle	02	
8	Cross staff	01	
9	Octagonal cross staff	03	
10	Plumbing fork	03	
11	P. Compass (stand)	03	
12	Abney level	01	
13	Alidade box	03	
14	Cross staff	04	
15	Optical square	03	
16	Prism square	02	
17	Tractor model	01	
18	Fuel suply sy dies eng	01	
19	Levelling staff	06	
20	Pigmi water current meter with accessories	01	
21	Sub surface drainage model	01	
22	Water stage level Recorder	01	
23	Venturi meter	01	
24	Orifice meter	01	
25	Centrifugal pump	01	
26	Drip sample board	01	
27	Flush valve 50mm	01	
28	Ball valve 50mm	01	
29	Pressure gauge ¼ in.	01	
30	Micro sprinkler stake	02	
31	Coffer dam model	01	
32	Spillway gate 10387	01	
33	Sluice gate 10400	01	
34	Tank weir 10398	01	
35	Supressed weir 10399	01	
36	Canal regulater 10406	01	

37	Canal drop	01	
38	AIC brand infiltrometer complete	01	
39	Automatic recorder RG	01	
40	Spring balance RG	01	
41	Tilting bucket RG	01	
42	Fuel supply system petrol engine model	01	
43	Fuel supply system diesel engine model	01	
44	Gear box with clutch	01	
45	Differential tr. model	01	
46	Mechanical brake model	01	
47	Carburetter SG type	01	
48	Spark plug	01	
49	Fuel pump model	01	
50	Gear lubricating pump	01	
51	Radiator	01	
52	Crank shaft	01	
53	Cam shaft	01	
54	Two stroke P.E.model	01	
55	Four stroke P.E.model	01	
56	Two stroke D.E.model	01	
57	Four stroke D.E. model	01	
	Computer Lab		
01	VXLINSTRUMENTS LTD, Thin clients	27	
02	Server, IBM Company	01	
03	Server, PCS Company	01	
04	Computers HP Make	03	
05	Laptop Lenovo	01	
06	Computer Lenovo	11	
07	Computers HP Make	02	
08	Printers, HP Laser Jet 1020	02	
09	UPS, Microtech company	01	
10	LCD projector, Sony Company	01	
11	Internet facility		
12.	Internet connectivity		
	Agro Park & Seed Processing Plant		
01	HTP Sprayer Tripple piston type	01	
02	FT30 Hero tractor (Escorts make) with accessories as per DSR page No.	01	
03	Cotton planter	01	
04	Krishivator	01	
05	Cotton gin(Cloy gin)	01	
06	Sonalika Thresher	01	
07	Power Weeder / Cultivator (Banson Agro. Engg. Nashik)	01	
08	Single furrow reversible PARAS plough	01	
09	Two furrow (surry) Ridger	01	
10	Cultivator (Nine tyne Tractor operated)	01	
11	Seed cum ferti drill nine tyne	01	
12	Power Tiller 130 DI with accessories & 600 mm rotor	01	
13	Power reaper KB-120m	01	
14	Leaf Shreader machine with cardon shaft	01	
14	Post hole digger	01	

15	180-D Tractor (Mitsuhushi) with rotary wheel	01	
16	Krishivator 1.00 m. with carbon shaft	01	
17	Dal mill	01	
18	Fertilizer Broadcaster	01	
19	Seed treater model ST-2-RD	01	
20	Seed Grader model seed master with 15 different accessories as per DSR book page	01	
21	Specific gravity separator Model G2	01	
22	Electronic weight machine NEP- 60A with 6 volts Battery & display each	02	
23	Electronic weight machine NEP- 600A with 6 volts Battery & display each	01	
24	Novel Bag Closer machine DA Auto oil	01	
25	Holding bin	01	
Department of Agril. Entomology			
1	Students microscope(JRMC-20)	04	
2	Dissection microscope	05	
3	Dissection microscope	30	
4	Getner stereoscopic microscope	01	
5	Binocular microscope MAC	01	
6	Res. Binocular microscope	02	
7	Voltas refrigerator	01	
8	BOD incubator(Navdeep)	01	
9	BOD incubator(MAC)	01	
10	Centrifuge	01	
11	Vacuum cleaner	02	
12	U.V. chamber	01	
13	Digital top pan balance INOSAW	01	
14	Hot air oven MAC	01	
15	Mono pan electric balance MAC	01	
16	TLC plate MAC	01	
17	Autoclave MAC	01	
18	Horizontal laminar flow	01	
19	Sattorius analytic balance	01	
20	Mono Quartz Distillation Unit with DAPS	01	
21	Rotary vacuum evaporator	01	
22	Humidifier cum heater	02	
23	Paddy cum weed cutter	02	
24	Weighing electronic balance	01	
25	Mulberry leaf chopping machine	01	
26	De-flossing machine	01	
27	Heater stove	01	
28	Domestic mixer	01	
29	Marut hand compression sprayer	01	
30	Marut foot sprayer	01	
31	Aspee CDP	01	
32	Gator rocking sprayer	01	
33	Aspee standard bucket sprayer	01	
34	Aspee knapsack sprayer	01	
35	Aspee hand rotary duster	01	
36	Aspee bolo power sprayer	01	
37	Ganesh hand sprayer	01	
38	STP power sprayer	01	

39	Power sprayer Agrimet	01	
40	Agrimet simple sprayer	01	
41	Aspee knapsack sprayer (IPM)	04	
42	Overhead projector(Metzer)	01	
43	Metzer slide film projector	01	
44	BOD incubator Bio-technique	01	
Department of AHDS			
1.	Autoclaves (Small / vertical)	1	
2.	Gerber's centrifuge machine	1	
3.	Laminar air flow cabinet	1	
4.	Cream separator	1	
5.	B.O.D. Incubator	1	
6.	Hot air oven	1	
7.	Deep Freezer	1	
8.	Bacteriological Incubator	1	
9.	Kjeldahl Digestion Apparatus	1	
10.	Hot Air Oven	1	
11.	Muffle Furnace	1	
12.	Single Pan Electrical Balance	1	
13.	Gerber Centrifuge Machine	1	
14.	Electronic Weighing Balance	1	
15.	pH Meter	1	
16.	Automatic Milk Analyser	1	
17.	Glass Distillation Apparatus	1	
18.	BOD Incubator	1	
19.	Digital Colony Counter	1	
20.	Digital Dynamometer	1	
Department of Extension Education			
1	Television	01	
2	Automatic slide Projector	01	
3	Over Head Projector	01	
4	Ahuja Universal Sound Unit	02	
5	AhujaRreflex Horn	02	
6	Ahuja Sound Column	02	
7	Ahuja Micro Phone ASM 700	02	
8	Ahuja Micro Phone AUD-101	02	
9	Ahuja Micro Phone CTP-10	01	
10	Ahuja Mike Stand At-5	02	
11	Ahuja Mike Stand DGN	02	
12	Ahuja Mike PCM 100	01	
13	Amplifier (Megha) cum Tape Recorder	01	
14	Exhibition Display Stand	03	
15	Compact Over Head Projector CMP 330	01	
16	Sony Tape Recorder Micro CD Music System	01	
17	Video Camera(Handy Cam) Dit-8	01	
18	LCD Projector	01	
19	Digital Camera	01	
20	Ahuja Amplifier SSA-350	01	
21	Ahuja Dual Cordless Micro Phone AWM-490 V2	01	
22	Ahuja one Wireless Mike &)! Hand Mike	01	
23	Ahuja Drive Unit AU-40 XT	02	
24	Ahuja Sound Column ASC-20T	02	

25	Ahuja Table Mike ACM -66 CH	01	
26	Ahuja Small Mike Stand ATS-5	05	
27	Ahuja Rolex Horn	02	
28	Hp Desktop Computers with printers	03	
Department of Horticulture			
1	Potato peeler	01	
2	Lemon juice extractor	01	
3	Refractometer 0° to 50° B	01	
4	Refractometer 40° to 85 °B	01	
5	Autoclave	01	
6	Mixer	01	
7	Cooker	01	
8	Refrigerator	01	
9	Fruit and veg. slicer (Hand operated)	01	
10	Crown crocking machine	01	
11	Analytical projection bd	01	
12	PH meter digital MAC	02	
13	Soil testing kit	01	
14	Water bath rectangular	01	
15	Juice press hand refractometer	01	
16	Fruit and veg. slicer MAC-625	02	
17	Hand refractometer-503,58 to 92%	01	
18	Hot plate round single plate	01	
19	Hot plate round double plate MAC -423	01	
20	Single pan electrical balance	01	
21	Moisture box	25	
22	Lab willy grinder	01	
23	Gas shegdi	01	
24	Gas cylinder	01	
25	Presser cooker	01	
26	Overhead projector with screen	01	
27	Iron stove	02	
28	Steel jug	01	
29	Steel glass	05	
30	Steel spoon	06	
31	Knife (big)	02	
32	Steel patele (big + small)	15	
33	Steel plate	03	
34	Steel spoon (big)	02	
35	Steel ulthana	02	
36	Lemon juice extractor	01	
37	Steel daba	01	
38	Knife	01	
39	Peeler	02	
40	Cease fire	01	
41	Steel vegrale	01	
42	Steel plate	01	
43	Iron boards	04	
44	Iron pots	02	
	Garden tools		
45	Pickaxe	09	
46	Spade	12	
47	Kudli	02	

48	Khurpi	10	
49	Sickle with toothed edge	09	
50	Secateurs (Parrot nose + Simple)	57	
51	Budding knife	31	
52	Budding grafting knife	40	
53	Pruning knife (big + small)	20	
54	Tree pruner	02	
55	Bill hook	05	
56	Grass shape shear	06	
57	Digging fork D handle	05	
58	Garden rake (16 teeth)	05	
59	Ganesh type pneumatic sprayer	01	
60	Trenching hoe	03	
61	Garden dibbler	30	
62	Hand cultivator	06	
63	Garden fork	05	
64	Garden trowel	05	
65	Transplanting trowel	06	
66	Iron ghamets	08	
67	Meter tape	01	
68	Plastic sprayer (Knapsack)	02	
69	Hedge cutter (flexo)	01	
70	Hedge cutter (K.P. Jaipur)	01	
71	Hedge cutter	02	
72	Drip irrigation set	07	
73	Foot sprayer	01	
74	Tractor (T.F.30 Hero tractor) with tool kit	01	
75	Tractor (Mitsubishi) MT180 D	01	
76	Rotovator (Mitsubishi) 2PR 1110	01	
77	Tool kit	01	
Department of Plant Pathology			
1	Autoclaves (Portable)	02	
2	Autoclaves (Small / vertical)	02	
3	Autoclaves (Big / vertical)	02	
4	Laminar air flow cabinet	03	
5	B.O.D. Incubator	01	
6	Hot air oven	01	
7	Compound Microscopes		
	a) Student's	28	
8	b) Research	06	
9	Labomed photographic trinocular	01	
10	Rotary shaker	01	
11	Refrigerators	02	
12	Electronic Monopan Balance	01	
13	Humidifier	02	
Department of SSAC			
1	Soil sampling augur	01	
2	Rocks Samples	01	
3	Dedicator	01	
4	Hot air oven	01	
5	Mechanical shaker	01	
6	Sand bath	01	
7	Infilltrometer	01	

8	Soil Aggregates separator	01	
9	Hot plate	01	
10	Distillation unit	01	
11	Distil water plant	01	
12	pH meter	01	
13	EC Meter	01	
14	Soil thermometer	01	
15	Dispossession cup	01	
	Deionize water plant,	01	
	Hydraulic conductivity meter	01	
	Water bath	01	
	Mechanical shaker	01	
	Distil water plant	01	
	Hot air oven	01	
	Muffle Furness	01	
	Hot plate	01	
	Wooden mortal and pastel	01	
	Electronic weighing balance	01	
	Spectrophotometer	01	
	Micro wave digestion	01	
	Nitrogen analyzer (Pelican) with digestion	01	
	pH meter	01	
	EC Meter	01	
	Weighing balance	01	
	Double distil water plant	01	
	Single Distil water plant	01	
	Atomic absorption spectrophotometer with flow injection	01	
	Hot air oven	01	
	Magnetic starrer	01	
	Centrifuge machine	01	
	Flame photometer	01	
	Cartographic table	01	
	SOI top sheet	01	
	Computer with GIS Map info software	01	
	Internet connection for access of satellite data	01	
	Printer	01	
	Scanner	01	