

1. Department – wise facilities available

Department wise Post Graduate class room cum laboratories

Sl. No.	Class room	Area (m ²)	Seating capacity	Facilities
1	Floriculture and Landscaping	108	50	LCD, Projector, Computer
2	Plantation, Spices, Medicinal and Aromatic Crops	108	50	LCD, Projector, Computer
3	Fruit Science	85	40	LCD, Projector, Computer
4	Vegetable Science	85	40	LCD, Projector, Computer
5	Post Harvest Management	85	40	LCD, Projector, Computer

Laboratories for Under Graduate and Post Graduate Degree Programme

Sl. No.	Department	Area (m ²)	Seating capacity
1	Floriculture & Landscaping	108	50
2	Plantation, Spices, Medicinal and Aromatic Crops	108	50
3	Fruit Science	85	40
4	Vegetable Science	85	40
5	Post Harvest Management	144	70
6	Entomology	85	40
7	Pathology and Microbiology	85	40
8	Soil Science and Agril. Chemistry	85	40
9	Genetics and Plant Breeding	85	40
10	Biotechnology/Tissue culture lab	85	-
11	Agricultural Extension	85	40
12	Common Computer Centre	85	40
13	Centralized laboratory	196	40
14	Mushroom Spawn production laboratory	85	-
15	Meteorology field unit	100	-

16	Soil, water, manure testing laboratory	65	-
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Laboratory facilities for Teaching and Research



Department of Fruit Science



Department of SS & AC



Department of Postharvest Technology



Department of Vegetable Science

Major functional equipments available in different departments

Department of Fruit Science

Sl. No.	Name of the equipment	Quantity
1.	Visible range digital spectrometer	1
2.	Distillation unit (Gerhardt vapodest)	1
3.	Turbotherm Digestion unit	1
4.	Projection screen malt whit fabric with instalock facility 5'x7	1
5.	Double Distillation unit 4 ltr borosil	1
6.	Automatic cut off distillation unit	1
7.	Water both	2
8.	Refrigerator	1
9.	Microscope (portable P.A. System)	1
10.	TDS Analyzer (Elico) cm183 EC TDS	1
11.	CM183 EC TDS PH Analyser (Elico) L1614)	1
12.	L.C.D . Sealing mount with accessories	1
13.	Onida micro oven	1
14.	Luminous 100 AH battery and 1.5 KVA UPS	1
15.	Sony cyber shot camera	2
16.	Flexi vision	1
17.	Hot air oven	1
18.	Lux photo meter	1
19.	Bevis leaf AY portable leaf area meter	1
20.	Fruit penetrometer	1
21.	Prestige induction stove	2
22.	Soxhelt Extraction mantle, RHMS 6 L ' Rotex'	1
23.	Multi purpose lab centrifuge	1

Major lab equipments in the department of Fruit Sciences



Department of Vegetable Science

Sl. No.	Name of the equipment	Quantity
1.	LCD	1
2.	Leaf area meter	1
3.	Trinocular microscope	1
4.	Refractometer	1
5.	Visible spectrophotometer	1
6.	Digital Lux meter	1
7.	Digital thermo hygrometer	2
8.	Hot air oven	1
9.	pH meter	1
10.	Electronic balance	1
11.	Specimen Jars	4
12.	Cold storage unit	1
13.	Digital penetrometer	1

Major lab equipments in the department of Vegetable Science



Department of Floriculture and Landscaping

Sl.No.	Name of the equipment	Quantity
1.	Cold storage unit	1
2.	pH analyser	1
3.	Water Bath	1
4.	Refrigerator (240 litres) for storing water samples	3
5.	Flame Photometer	1
6.	Leaf area meter	1
7.	Spectrophotometer	1
8.	Microscope	4
9.	E C meter	1
10.	Micro oven	1
11.	Electrical centrifuge	1
12.	Distillation unit	1
13.	Deionizer 70 litres	1
14.	BOD incubator	1

Major lab equipments in the department of Floriculture and Landscaping



Leaf area meter



Rotary Evaporator



Distillation unit



Vernier Caliper



Spectrophotometer



Binocular Microscope



Flame Photometer



LUX meter

Department of Plantation, Spices, Medicenal and Aromatic Crops

Sl.No.	Name of the equipment	Quantity
1.	Visible range digital spectrophotometer	1
2.	Distillation unit	1
3.	Clavenger's apparatus	2
4.	Digestion unit	1
5.	Double Distillation unit 4 ltrs borosil	1
6.	Automatic cut off distillation unit	1
7.	Electronic weighing balance	1
8.	Refrigerator	1
9.	Onida micro oven	1
10.	Hot air oven	1
11.	Lux photometer	1
12.	Platform balance (100 kg) Electronic)	1
13.	Portable Leaf area meter	1
14.	Fruit penetrometer	1
15.	Multi purpose lab centrifuge	1

Department of Post Harvest Management

Sl. No.	Name of the equipment	Quantity
1.	Spray dryer	1
2.	Spectrophotometer	1
3.	Flame photometer	1
4.	Shrink wrapping machine	1
5.	Dehydrator	1
6.	Deep freezer (-20 ⁰ C)	1
7.	Moisture analyzer	1
8.	Bakery oven	1
9.	Digital Refrigerator 0-93 range	1
10.	Digital Acidity meter	1
11.	Digital salt meter	1
12.	Multi purpose lab centrifuge	1
13.	Vaccum juice filling machine	1
14.	Hot air oven	1
15.	Pulping machine	1
16.	Electronic weighing balance	4
17.	Vegetable cutting machine	1
18.	Spice mixing machine	1
19.	Potato and ginger peeling machine	1
20.	Digital Fruit penetrometer	1

Major lab equipments in the department of Post Harvest Management



Sox Hlet Apparatus



Ultra water Purifiers



Spectrophotometer



Instant Moisture Analyzer



Kjeldahl distillation unit



BMI Calculator



Crude fiber Analyzer



Continuous water bath

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Department of Plant Protection

Sl. No.	Name of the equipment	Quantity
1	Olympus Trinocular Microscope Model CHS	2
2	Olympus Stereo zoom microscope model S2-3060	1
3	Olympus Dissection Microscope	20
4	Binocular Zoom Microscope	1
5	Binocular Zoom Research Microscope	1
6	Magnus stereoscopic binocular microscope (Ms-24)	1
7	Magnus stereozoom binocular microscope	1
8	Magnus stereozoom binocular microscope MSZ-BI	2
9	Binocular magnus stereomicroscope with LED light	1
10	Leica 56D Stereozoom microscope with digital imaging system	1
11	Microscope-LABOMED –Trinocular Model Lx300	1
12	Trinocular stereozoom microscope	1
13	Binocular microscope	1

15	Analytical electric balance 180 GM 00001GM (BT1245)	1
16	Weighing balance	1
17	Vernier calliper	4
18	Digital thermometer	1
19	Wet and dry bulb thermometer	12
20	Thermo-hygrometer	2
21	Laminar air flow	1
22	Scientex mak BOD incubator	2
23	Digital camera (Coolpixel 120)	3
24	Computer sets	9
25	Printers	3
26	LCD projector set	2
27	Dell Inspiron 14R 3420 Laptop	1
28	Laptops	3
29	Insect cabinet boxes	390
30	Microwave oven	1
31	Induction Stove	1
32	Multistation magnetic stirrer	1
33	Insect Ricker Mounts	50
34	Insect mounting board	120
35	Insect collection nets	136
36	Insect setting block	10
37	Insect light traps	3
38	Rearing cages	30

39	Insect showcase cabinet (capacity of 30 showcases-45x30x6.5cm)	3
40	Herbarium press (45x30cm)	1
41	Aspirators	4
42	Honeybee box	130
43	Honeybee box stand	130
44	Steel Honey extractor	2
45	Vertical Autoclave	1
46	Distillation unit	1
47	Cooler/Freezer	1
48	Sealing machine	1
49	Hot plate	1
50	Knap-sack sprayer	3
51	Godrej Refrigerator	1
52	Hot air oven	3
53	Butterfly mixer	1

Major Lab Equipments in the Department of Plant Protection



Department of Genetics and Plant Breeding

Sl. No.	Name of the equipment	Quantity
1.	Laminar air flow	1
2.	Centrifuge	1
3.	Deep freezer -20 ° C	1
4.	Electronic balance	2
5.	Semi automatic autoclave	1
6.	UV-VIS- Spectrophotometer	2
7.	Microprocessor colorimeter	1
8.	Magnetic stirrer & cyclo mixer	1
9.	Electrophoresis system	1
10.	pH meter	1
11.	Ultrapure water purification unit	1
12.	ICE Flaker Machine	1
13.	DV transilluminator Filter area 20x20 cm with UV Protection shield	1
14.	Hot Air Oven	2
15.	Orbital Shaker	1
16.	Cooling incubator	1
17.	Microtome spencer type	1
18.	Trinocular microscope	1
19.	Compound Microscope	6
20.	Binocular Microscope (OLYMPUS)	2
21.	Hot plate/Electric heater	1
22.	Double distillation unit	1

23.	Stereo zoom Binocular Microscope	1
24.	Double distillation unit	1
25.	Spectrophotometer (Visiscun)	1

Major lab equipments in the department of Basic Sciences



Water bath



Spectrophotometer



Analytical weighing balance



Leaf area meter



Centrifuge

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Major lab equipments in the department of Natural Resource Management



Flame photometer



Spectrophotometer



pH and EC Meter



Kjeldahl distillation unit



Manoquartz water distillation unit



Centrifuge Apparatus



Mechanical Stirrer

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Facilities available for outdoor and indoor sports

Sl. No.	Particulars	Number
Outdoor facilities		
1.	Volleyball court	01
2.	Basketball cement court	01
3.	Ball Badminton court	01
4.	Kho-Kho court	01
5.	Kabaddi clay court and synthetic kabaddi mat	01
6.	Multi purpose play ground (Throw ball court, Cricket ground, Hockey ground, Athletic track and Football ground	01
7.	Clay tennis court	01
Indoor facilities		
8	Wooden Badminton court	01
9	Table Tennis Hall	01
10	Multigym	01
11	Robotic Table Tennis Machine	01

sports facilities

- The sports facilities developed by university are utilized for outdoor and indoor games by the students.
- The ICAR accord financial support to improve the games and sports facilities at the College.
- The day to day management of all the above facilities will be monitored regularly by the concerned authority.
- The faculty are also efficiently utilizing both indoor and outdoor sports facilities.



Volleyball and Badminton



Basketball



Multi Gym



Table Tennis



Library and Information Centre

Libraries are popularly known as '**Knowledge Bank**' and cultivate the habit of reading among a large section of the population. '*Academic Library is the beating heart of the educational institution*'. A separate Library building, 5415 square meters with 130 seating capacity, both ground (338.55 sqm.) & first floors (292.725 Sqm.), is located on the College campus premises in Mudigere. It has been functioning since 1991-92 to cater to the learning needs of students, faculty, and other individuals, with an initial collection of 3,747 volumes of subject books and bound periodicals. The library is fully automated with KOHA Library Management / Automation Software along with RFID Technology. Daily issues, returns, reservation of books, and sending due information to the user are operated through KOHA software with RFID Technology and OPAC facilities available. Faculty & Students are provided with a Smart Library Card for daily library book transactions.

- ✓ IN-OUT Time & Attendance Application for Library users
- ✓ Wi-fi facilities are provided in the library premises
- ✓ CeRA: Remote access is facilitated from the library to the user community
- ✓ The Library Smart Card is issued to the faculty and students of this campus.
- ✓ Provided E-mail alert services to the faculty & students(Self-Check-in, Check-out, overdue)
- ✓ Provided Document Delivery Report (DDR) to the users.
- ✓ OPAC: Online Public Access Catalogue



Library



Reference Section



Periodicals section



Digital Library



Book Bank



Carrier Infor. Resource Centre



Book transaction/RFID



OPAC



Book exhibition