

Laboratories, Instructional farm, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.

Adequate numbers of classrooms and laboratories have been established. Necessary infrastructural facilities have been created in the College for curricula delivery. All these innovative and infrastructural facilities enhance the efficiency of teaching and learning processes of UG and PG programmes.

- The college has 32 classrooms and 42 laboratories, out of which 18 Classrooms are equipped with computers, Multimedia devices, LED interactive boards, LCD projectors and internet facility.
- All the Laboratories are also equipped with the working tables, stools, teaching boards, and Computer.
- The students will be engaged for practical exposure in the Laboratories, Field works and Polyhouses.
- All the Class Rooms and Examination Halls, different offices and Corridors are also provided with the CCTV monitoring systems.
- Separate department wise classrooms/seminar halls and laboratories for PG programmes have been established.
- All the departments have well equipped Laboratories.
- In addition, the PG students make use of the Laboratories and Equipment from the collaborative institutes.



Examination hall

Details of class rooms and laboratory facilities

A. Class rooms for Under Graduate

Sl. No	Class room No.	Area (Sq.m.)	Seating capacity	Facilities
Thunga Block				
1	LH-I	107	60	2 LED interactive/reflect boards and 5 Digital Display Board Computer with internet and multimedia
2	LH-II	107	60	
3	LH-III	107	60	
4	LH-IV	107	60	
5	LH-V	110	100	
6	LH-VI	110	100	
7	LH-VII	107	60	
8	Seminar hall	107	60	
Badra block				
1	LH-I	107	60	1 LED interactive/reflect board and 6 Digital Display Board Computer with internet and multimedia
2	LH-II	107	60	
3	LH-III	107	60	
4	LH-IV	107	60	
5	LH-V	107	60	
6	LH-VI	110	100	
7	LH-VII	110	100	
8	LH-VIII	107	60	
Varada block				
1	LH-I	107	60	1 LED interactive/reflect boards and 1 Digital Display Board Computer with internet and multimedia
2	LH-II	107	60	
3	LH-III	107	60	
4	LH-IV	107	60	
5	LH-V	107	60	
6	LH-VI	110	100	
7	LH-VII	110	100	
8	LH-VIII	107	60	
Aghanashini block				
1	LH-I	107	60	1 LED interactive/reflect board and 2 Digital Display Board Computer with internet and multimedia
2	LH-II	107	60	
3	LH-III	107	60	
4	LH-IV	107	60	
5	LH-V	107	60	
6	LH-VI	110	100	
7	LH-VII	110	100	
8	LH-VIII	107	60	



Smart Classrooms in College of Agricultural Sciences, Iruvakkki

B. Department wise Class rooms cum seminar halls for Post Graduate (Area in Sq M)

Sl. No	Departments	Area (Sq. m.)	Seating capacity	Facilities
1.	Agricultural Entomology	400	30	Digital Display Board, LCD, Projector, Computer with Internet
2.	Agricultural Extension Education	400	30	
3.	Agricultural Microbiology	400	30	
4.	Agriculture Statistics	400	30	
5.	Agril Engineering	400	30	
6.	Agril. Economics	400	30	
7.	Agronomy	400	30	
8.	Animal Science			
9.	Biochemistry			
10.	Biotechnology	400	30	
11.	Crop Physiology			
12.	English			
13.	Floriculture and Landscaping Architecture	400	30	

14.	Food & Nutrition	400	30
15.	Forest Biology and Tree Improvement	400	30
16.	Forest Product and Utilization		
17.	Forest Resource Management	400	30
18.	Fruit Science	400	30
19.	Genetics and Plant Breeding, , , ,	400	30
20.	Kannada	400	30
21.	Physical Education	400	30
22.	Plant Pathology	400	30
23.	Plantation, Spices, Medicinal and Aromatic crops	400	30
24.	Post Harvest		
25.	Seed Science and Technology	400	30
26.	Silviculture and Agroforestry	400	30
27.	Soil Science & Agril. Chemistry	400	30
28.	Vegetable science	400	30

Details of the Laboratories and Instructional Farms for Under Graduates

Sl. No	Name of the section	Number	Size (sq. m.)
	Laboratories		
i.	Agronomy		
1.	Laboratory -I	2	88 x 2=176
2.	Store	4	8.4 x 4 = 33.6
3.	Agril. Implements shed/lab	1	297
ii.	Crop Physiology		
4.	Laboratory	1	88
5.	store	4	8.4 x 2 = 16.8
iii.	Plant Pathology		
6.	Laboratory	2	88 x 2=176
7.	Store	4	8.4 x 4 = 33.6
8.	Museum	1	143
iv.	Biochemistry	1	88

v.	Soil science and Agril. Chemistry		
9.	Laboratory	2	88 x 2=176
10.	Store	4	8.4 x 4 = 33.6
11.	Museum	1	143
vi.	Agricultural Extension		
12.	Audio Visual Lab	1	88
13.	Teaching lab	1	88
14.	Studio	1	27.8
vii.	Genetics and Plant Breeding		
15.	Cytogenetics Lab	1	88
16.	Markers Lab	1	88
17.	Bioinformatics lab	1	38.8
18.	Seed storehouse	1	32.22
viii.	Seed Science and Technology	1	88
ix.	Plant Biotechnology		
19.	General Lab	1	88
20.	Tissue culture laboratory	1	32.23
x.	Agricultural Entomology		
21.	UG laboratory	1	88
22.	Insect Systematics and Vector Biology Laboratory	1	88
23.	Museum	1	143
xi.	Agril. Engineering		
24.	IoT smart farming lab	1	45.8
25.	Farm Machinery lab	1	88
26.	Drawing Lab	1	88
27.	Store	4	8.4 x 4 = 33.6
28.	ODOP	1	790
xii.	Food Science and Nutrition		
29.	General Lab	1	88
30.	Food testing Lab	1	88
31.	Store		8.4 x 4 = 33.6
xiii.	Agricultural Microbiology		
32.	UG Laboratory	1	88

33.	Biofertilizers lab	1	88
34.	Store	4	$8.4 \times 4 = 33.6$
xiv	Computer Science	1	107
xv	Horticulture- PSMA		
35.	Laboratory	1	88
36.	Store	2	$8.4 \times 2 = 16.8$
xvi	Horticulture- FLA		
37.	Laboratory	2	$88 \times 2 = 176$
38.	Store	4	$8.4 \times 4 = 33.6$
xvii	Horticulture- Vegetable		
39.	Laboratory	1	88
40.	Store	2	$8.4 \times 2 = 16.8$
Xviii	Horticulture- Post Harvest		
41.	Laboratory	1	88
42.	Store	2	$8.4 \times 2 = 16.8$
43.	Horticulture-Pomology		
44.	Laboratory	1	88
45.	Store	2	$8.4 \times 2 = 16.8$
xix	Forest Biology and Tree Improvement		
46.	Laboratory	1	88
47.	Store	2	$8.4 \times 2 = 16.8$
Xx	Forest Resource Management		
48.	Laboratory	1	88
49.	Store	2	$8.4 \times 2 = 16.8$
xxi	Forest Product and Utilization		
50.	Laboratory	2	$88 \times 2 = 176$
51.	Store	4	$8.4 \times 4 = 33.6$
xxii	Forestry - Silviculture and Agroforestry		
52.	Laboratory	2	$88 \times 2 = 176$
53.	Store	4	$8.4 \times 4 = 33.6$
54.	Museum	1	143
xxiii	Agriculture Economics		
55.	Laboratory	2	$88 \times 2 = 176$

56.	Store	4	8.4 x 4 = 33.6
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Scientific Equipment's available in the Departments

Sl. No	Equipment name	Numbers	UG	PG
Agronomy:				
1.	Orbital Shaker RPM	01	✓	✓
2.	Flame Photometer With Air Regulator	01	✓	✓
3.	Electrical Conductivity Meter	01	✓	✓
4.	Digital pH System/ MV /Conductivity C/F Meter	01	✓	✓
5.	Micro pH System	01	✓	✓
6.	Hot Plate	01	✓	✓
7.	Water Distillation Unit	01	✓	✓
8.	N digestion Plate Chamber (6 Cavity)	01	✓	✓
9.	Weighing Balances (Electric)	01	✓	✓
10.	Electric hanging scale 50 kg	02	✓	✓
11.	UPS	01	✓	✓
12.	Soil Tensiometer	02	✓	✓
13.	Soil augers	03	✓	✓
14.	Hot air oven	02	✓	✓
15.	Double infiltrometer	01	✓	✓
16.	Notchs and weirs	04	✓	✓
17.	Parshall flume	01	✓	✓
18.	Keens cups and moisture cups	04	✓	✓
19.	Multimedia Projector	01	✓	✓
20.	Analytical weighing balance	02	✓	✓
21.	Flame Photometer with nak filter and compressor	01	✓	✓
22.	Spectro photometer A-4 2702	01	✓	✓
23.	Shaker (Reciprocating type)	01	✓	✓
24.	Electric scale 5 kg	01	✓	✓

25.	Electric scale 10 kg	01	✓	✓
26.	Water bath- 6 holes	01	✓	✓
27.	Soil thermometers (four different depths)	04	✓	✓
28.	Rain gauge (self)	01	✓	✓
29.	Rain gauge (manual)	01	✓	✓
30.	Windvane	01	✓	✓
31.	Maximum thermometer	01	✓	✓
32.	Minimum thermometer	01	✓	✓
33.	Anemometer	01	✓	✓
34.	Cambellstokes Sunshine recorder	01	✓	✓
35.	Anemomter	01	✓	✓
Agricultural Entomology:				
36.	Multimedia Projector	00	✓	✓
37.	Student version stereo zoom microscope/ digital	05	✓	✓
38.	Microscope with camerea	01		
39.	Compound Microscope with Electrical connectivity	01	✓	✓
40.	Refrigerator	01	✓	✓
41.	Insect rearing cage	03	✓	✓
42.	canon camera	01	✓	✓
43.	Alfactometer	01	✓	✓
Genetics and Plant Breeding:				
44.	Binocular microscopes	04	✓	✓
45.	Compound microscopes	04	✓	✓
46.	Stereo microscope	02	✓	✓
47.	Micro air oven	01	✓	✓
48.	Micro Weighing balance	01	✓	✓
49.	Weighing balance 50 kg	01	✓	✓
50.	Refrigerator	01	✓	✓
51.	Magnetic stirrer	01	✓	✓

52.	Breeding kits	03	✓	✓
Soil Science and Agricultural Chemistry:				
53.	Atomic Absorption spectrometer (AAS)	01	✓	✓
54.	Flame photometer	01	✓	✓
55.	Microwave digestion unit	01	✓	✓
56.	Centrifuge	01	✓	✓
57.	Hot plate	01	✓	✓
58.	Water bath Rotek	01	✓	✓
59.	Muffle Furnace	01	✓	✓
60.	Distillation unit	1	✓	✓
61.	Orbital Shaker	01	✓	✓
62.	Khan Shaker	01	✓	✓
63.	Refrigerator	01	✓	✓
64.	pH Meters	02	✓	✓
65.	Hot Water Bath	02	✓	✓
66.	Digital Flame Photometer (Systronics)	02	✓	✓
67.	Kjeldahl distillation unit (Kelplur)	01	✓	✓
68.	Kelplus Nitrogen digestion Unit	01	✓	✓
69.	Electric conductivity meter	02	✓	✓
70.	Weighing Balance 20kg	01	✓	✓
71.	Weighing Balance 10 kg	01	✓	✓
72.	Weighing Balance 600 g	01	✓	✓
73.	Borosil Magnetic stirrer	01	✓	✓
74.	Stirrer (rotek)	01	✓	✓
75.	Hot air oven	01	✓	✓
76.	Microwave Oven unit	01	✓	✓
77.	Digital pipettes Variable Type	02	✓	✓
Plant Biotechnology:				
78.	Autoclave	01	✓	✓

79.	Hot air oven	01	✓	✓
80.	BoD Incubater	01	✓	✓
81.	Water bath	01	✓	✓
82.	Laminar Air Flow	01	✓	✓
83.	Microwave oven	01	✓	✓
84.	Electronic Precision balance	01	✓	✓
85.	Refrigerator	01	✓	✓
86.	Tissue culture racks	02	✓	✓
87.	Binocular Microscope	01	✓	✓
Plant Pathology				
88.	Stereo binocular microscope	02	✓	✓
89.	Laminar air flow	01	✓	✓
90.	Kemi Autoclave	01	✓	✓
91.	BOD Incubator	01	✓	✓
92.	Refrigerator	01	✓	✓
93.	Compound microscope	05	✓	✓
94.	Hot air oven	01	✓	✓
95.	Induction cook	01	✓	✓
Seed Science and technology				
96.	Borner divider	01	✓	✓
97.	Moisture Meter	01	✓	✓
98.	Electrical Conductivity Meter	01	✓	✓
99.	Weighing Balance (300g)	01	✓	✓
100.	Purity Work Board	01	✓	✓
101.	Hand test Seiver	01	✓	✓
102.	Seed Grader lab Model	01	✓	✓
Microbiology				

103.	Hot air oven	1	✓	✓
104.	Refrigerator	2	✓	✓
105.	High precision balance	1	✓	✓
106.	Monocular microscope	10	✓	✓
107.	Horizontal laminar air flow	1	✓	✓
108.	BOD incubator lab machine	1	✓	✓
109.	Digital PH meter	1	✓	✓
110.	Micro controller based colony counter	1	✓	✓
111.	Centrifuge	1	✓	✓
112.	Dig spectrophotometer	1	✓	✓
113.	Autoclave vertical	2	✓	✓
114.	All glass singal distillation unit	2	✓	✓
115.	Magnetic stirrer with hot plate	1	✓	✓
Agricultural Engineering				
116.	Cut section Diesel Engine Model	01 No.	✓	✓
117.	Cut Section IC Engine 4 Stroke	01 No.	✓	✓
118.	Cut Section IC Engine Two Stork	01 No.	✓	✓
119.	Steering Gear Box	01 No.	✓	✓
120.	Synchromesh Gear Box	01 No.	✓	✓
121.	Drum Break	01 No.	✓	✓
122.	Welding Machine	01 No.	✓	✓
123.	Freeman Metallic Tape 30M & 15 M	10 No.	✓	✓
124.	Wooden Cross staff	05 No.	✓	✓
125.	Compass	04 No.	✓	✓
126.	Lynx Auto Level	03 No.	✓	✓
127.	Levelling Staff	05 No.	✓	✓
128.	Abney Level	05 No.	✓	✓
129.	Plain Table	02 No.	✓	✓

130.	Solar Cell Characteristics Apparatus	01 No.	✓	✓
131.	PVC Steel Pipe Cutting Machine	01 No.	✓	✓
132.	Double ling infiltrometer	02 No.	✓	✓
133.	Duster	02 No.	✓	✓
134.	Power operated spryer	01 No.	✓	✓
135.	Box type solar cocker	01 No.	✓	✓
136.	Lux meter	01 No.	✓	✓
137.	Arkal filter 120mesh	01 No.	✓	✓
138.	Gravel filter	01 No.	✓	✓
139.	Air temperature and relative humidity sensor	01 No.	✓	✓
140.	Soil moisture and temperature sensor	01 No.	✓	✓
Forestry				
141.	Bosch angle Grinder	1	✓	✓
142.	Bosch GSB 450 Drill	1	✓	✓
143.	Bosch GDC 141 Saw	1	✓	✓
144.	Bosch GHG-180 Heat Gun	1	✓	✓
145.	JB Hacksaw Frame Heavy duty	1	✓	✓
146.	G Clamp TT-2"	1	✓	✓
147.	G Clamp TT-3"	1	✓	✓
148.	Hand Saw	1	✓	✓
149.	JB Pruning Saw	1	✓	✓
150.	Mixer Grinder 550W	1	✓	✓
151.	Secature plant cutter	5	✓	✓
152.	Tree Pruner	2	✓	✓
153.	Portable Chain Saw	1	✓	✓
154.	Mechanized Soil Augar	1	✓	✓
155.	Tree Caliper 100cm	2	✓	✓
156.	Binacular	6	✓	✓

Other Equipment's available in the College		2	✓	✓
157.	Wood moisture meter			
PRIMARY PROCESSING LINE PRECOOLING SORTING AND GRADING, MINIMAL PROCESSING OF FRESH FRUITS				
158.	Nikon Mirror lense Camera	1	✓	01 No
159.	Elevator with hopper and chute	1	✓	01 No
160.	Nikon Z30DVSD Lens kit			01 No
161.	Pineapple skin stripper			02 No
162.	4 in Top and tail cutting tool for pineapple	1	✓	01 No.
163.	Digital Soil PH meter			01 No.
164.	Modular ripening chamber			01 No.
165.	Burr burr with Tapper Ring D-549	1	✓	01 No.
166.	Fruit Washer			01 No.
167.	Sorting Conveyor	5	✓	01 No.
168.	Laser Range Finder			01 No.
169.	Blancher			01 No.
170.	Incremental Bore Kerf peeler	1	✓	01 No.
171.	Ginger Slicer			01 No.
172.	Compass	4	✓	01 No.
DEHYDRATION OF FRUITS VEGETABLE SLICES AND CUBES				
173.	Wheel Cross Refractometer	1	✓	01 No
174.	Solar dryer	4	✓	01 No
175.	Hypsometer			01 No
176.	Pineapple peeling and coring machine			01 No
177.	Open Rect. Masonry Tiles	28	✓	01 No
178.	Open Rect. Masonry Tiles			01 No
179.	Sugar syrup making tank	15	✓	01 No
180.	Girth Diametre Tape 5m			
181.	GPS	2	✓	✓
182.	Ravi Altimeter	8	✓	✓
183.	Weighing Balance	1	✓	✓

16.	Sugar syrup storage tank	02 Nos
17.	Flow pump and pipe fittings	01 No
18.	Vacuum packaging machine	01 No
19.	Shrink tunnel packaging machine	01 No
20.	RO Plant	01 No
21.	Horizontal pouch sealing machine with nitrogen flushing	01 No
PULPING OF FRUITS		
22.	Fruit mill	01 No
23.	Fruit Pulper	01No
24.	Pulp collection tank	03 No
25.	Juice extractor	01 No
26.	Filter press	01No
27.	Steam jacketed kettle	02 No
28.	Homogenizer	01 No
29.	Pasteurizer with accessories and fittings	01 No
30.	Cooling tank with agitator	01 No
31.	Standardization tank with agitator	02 No
32.	Hydraulic press	021No
33.	Insulated storage tank	2No
34.	Plate heat exchanger	1No
35.	Screw pump	01 No
36.	Steam boiler and utilities	01 No
CANNING OF FRUITS		
37.	Can Seamer	01 No
38.	Can body reformer	01 No
39.	Continuous filling machine	01 No
40.	Exhaust box	01 No
41.	Retort	01 No
42.	Cooling tower	01 No
43.	Empty Can/bottles sterilizer	01 No
44.	Can beader	1 No
45.	Can body flanger	1 No
46.	Electrical hoist and other material handling equipments such as crates, forklifts, trolleys etc	lot
GINGER PROCESSING		
47.	Paste making machine	01 No
48.	Form fill seal machine	01 No
49.	Hammer mill	01 No
VINEGER PRODUCTION LINE		
50.	Fermentation tank	01 No
51.	Blending tank	01 No
52.	Ageing tank	01 No
53.	Screw on Capping machine	01 No
54.	PET bottle rinsing machine	01 No

List of instruments and facilities under IDP NAHEP project

55.	PET blow molding machine		01 No
56.	Air compressor, pumps and other accessories		01 No
No	Name of the Items		Qty.
	FOOD TESTING LABORATORY		
37.	Hot Air Oven		01 No
38.	Digital Analytical Balance		01 No
39.	Laminar air flow Chamber		01 No
40.	Autoclave		01 No
41.	Incubator		03 No
62.	Digital hand-held pocket refractometer		01 No
63.	pH Meter		02 No
84.	Gun thermometer		02 No
85.	Water bath with thermostat		01 No
60.	Muffle Furnace		01 No
67.	Fiber Analyzer		01 No
68.	Kjeldhal Protein Analyzer		01 No
69.	Soxhlet Apparatus		01 No
70.	Working table for food testing laboratory		01 No
71.	Steam Boiler and utilities		01 Unit
73.	Multifunctional Printer		01 No
72.	Multifunctional Color Printer		01 Unit
73.	Digital Weight Scale 300kg Capacity Platform Scale Accuracy 50gm, 18×20 Inch Heavy Duty Plat Battery Backup 8 Hour		1 No

	Multifunction colour printer A3 size , duplex facility, multiple access point can serve as colour scanner and copier and can boost output speed and improve productivity, standard single pass dual scanning up to 240 originals per minute and an enhanced 10.1 inch control panel to ensure seamless operation between the MFP, PC, tablet, smartphone and other devices. Minimum two paper size tray and multi thickness paper printing capability. Banner printing option.	
16.	Software's OS Play out Sims Air Now HD Se and studios software's V Mix Hd. Mobile connectivity interface Synthetic floor mat and painting for recording wall.	01 No.
17.	Language Lab Custom made lab modules for incubation/innovation cell/language lab,(custom built with following specifications), one tutor console, 30 nodes with language software's loaded in to Core i3 chipset system with 8 GB ram and a HD display unit, interactive LED display of 76 inch with audio and video controls, audio and video recording theatre with a sound proof wall panelling and recording arrangements and lighting with recording console.	01 o.
18.	CCTV CCTV Camera and network: Security solutions see thru 1880P HD Full CCTV camera kit without hard disk. The Hybrid digital video recorder is compatible with both IP and analogue cameras. Camera:2 MP resolution 1080 HD Resolutions DVR. Capture rate of 25 frames per second. Connectors: HDMI and VGA compatible monitors, also supports smartphone. Hybrid digital video recorder that supports both analogue and IP cameras.	02 1set
19.	HP All in one Computer Specifications All in one computers: With OS Intel R core i5-10 th gen, 16GB DDR4-2666 SDRAM(1X8GB), 2 SODIMM, 1TB Hard disk, HP 9.5mm slim DVD writer, 1 slim ODD, one 3.5" HDD, 21.5 inch diagonal FHD IPS wide screen LCD anti-glare WLED backlight, 250 nits, Intel R UHD Graphics, 1 HDMI out 1.4:1 headphone/Microphone combo, 1 power connector Rj-45, 2 USB 2.0, 3.2 Gen 1 SD card reader Realtech ALC 3247 codec, high performance internal speaker.	03 25 Nos.
20.	Television Specifications: 80 inch TV: Outdoor friendly 65" 4 K android education interactive touchscreen TV, Infrared 20 points Multi touch Technology, 65" diagonal screen Ultra HD and optimal Resolution, 16:9 widescreen	1 No.

	aspect Ratio, Brightness 450 cd/m² TUV-certified low blue light Technology TUV Certified flicker free Technology, anti-glare display built in Android OS pen tray with 2 touch pens NFC reader/writer EZ writer 5.0 included , Frees and blank screen function, DMS 1.0(Display management system) remotely install android apps via benQz cloud servers InstaQ share App for device mirroring, Benq suggest App input X1 HDMi input X3 HDMI output, Usage rating VGA Input X1 HDMI input X3, HDMI output X1, display port, OPS slot X1, USB player(Photo and Audio), X6, Internal Microphone X4 audio InX1 VESA wall (3.5mm)X1, RS232 InputX1, RJ 45 port X1, VESA wall mounting pattern:500X400mm, dimension)WxHxD):1.521x967.1x136.1 mm, weight 50Kg*5years on site UK mainland warranty.	
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Details of the Instructional Farm

Out of 314.8 ha of land is available for cultivation with irrigation facility to 40% of area. The fields are well connected with approach roads and internal roads. The detail of the farm area is given below.

The instructional farm has basic facilities such as irrigation, farm machinery, threshing yard *etc.* The experiential learning courses for final year UG students are conducted by the concerned departments using the facilities available in the instructional farms. Apart from farm land, greenhouses/polyhouses and shade net houses are also available for imparting hands-on training and research works.

A. Details of instructional farms and its distribution:

A. Details of Area		Area (in ha)
1.	Total Area of the Farm	314.8
2.	Area occupied by Upper Thunga canal Distributer channel	2.08
3.	Area for playground	3.6
4.	Area maintained by MAHRS (Areca and Appemedi)	14.4
5.	Area under Main Roads, Farm Roads and Buildings	12
	Total	32.08
B. Total cultivable area		
1.1	Biodiversity	2.00
1.2	Butterfly park	0.4
1.3	Sandal plot	1.2
1.4	College Research plot	1.00
1.5	VC office Garden	0.8
1.6	MAHRS, Iruvakki	
1.7	IFS Block	1.00
1.8	Bilvapatre	0.4
1.9	Bamboo Park	1
1.10	Fodder crop	1.00
1.11	Coffee	4.40
1.12	Jack fruits	2.20
1.13	Areca block	20.00
1.14	Jamun block	1.60
1.15	Nutmug block	1.00
1.16	Cardamom block	1.00
1.17	Clove block	1.00
1.18	Banana block	0.4
1.19	Lime block	0.4
1.20	Apple and Macadamia block	6.00

1.21	AICRP on Bamboo and teak	1.8
1.22	Ginger and Turmeric block	12.00
1.23	Biofuel park	2.4
1.24	Forest block	100
1.25	Cultivable area	125.12
	Total	282.72

B. Details of instructional farms and its distribution:

Sl. No.	Blocks with Poly house and units	Units	Dimension (Sq.ft.)
1	Poly house	6	44,690
2	Shade nets	4	20,000
3	Farm Ponds	8	8,000
4	Field laboratories	5	1,346.00
5	Farmers house	1	594.00
6	Fruit processing unit	1	3,875.00
7	Sheep unit	1	400.00
8	Dairy unit	1	1200.00
9	Poultry unit	1	100.00
10	Duck	1	100.00
11	Agro-Meteorological unit	1	1089.00
12	Farm equipment unit	1	600.00

Total Dairy Units: 3 Nos.

- ❖ Number of Borewells : 12
- ❖ Number of Ponds : 8
- ❖ Number Tractors : 3
- ❖ Number of Bullocks pair : 1

C. Details of instructional farms and its distribution:

Sl No.	Polyhouse		Shade net	
	Numbers	Floor space (Sq.m)	Numbers	Floor space (Sq.m)
1	03	40 x 20	02	20 x 20
2	02	30 x 20	02	25 x 25
3	01	15 x 25		
4	01	25 x 20		

Sl	Livestock units
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No.	Component	Numbers	Floor space (Sq.m)	Capacity (Nos.)
1	Dairy	01	10 x 15	6
2	Sheep-goat	01	6 x 6	37
3	Poultry	01	3 x 3	10
	Duck	01	10 x10	54

Curricula Delivery through IT (smart classrooms/interactive board etc)

- The College is using smart classrooms for theory teaching and for practical.
- There are nine smart classrooms and one seminar hall in the College.
- All the classrooms and the seminar hall are provided with computers, LCD projectors, multimedia speakers and internet facility.
- All the PG departments' seminar halls also have LCD projectors and computers.
The details of the number of projectors and computers available at different departments are as follows.

Computer and teaching aids availability in different departments

Sl. No.	Departments	No. of Computers	No. of LED interactive boards
1.	Agricultural Entomology	03	01
2.	Agricultural Economics	02	01
3.	Agricultural Extension	02	01
4.	Agricultural Engineering	04	01
5.	Agricultural Microbiology	01	-
6.	Agricultural Statistics	01	-
7.	Agronomy	03	01
8.	Crop Physiology	00	01
9.	Food and Nutrition	01	-
10.	Forestry- Biology and Tree Improvement	01	01
11	Forestry- Silviculture and Agroforestry	01	01
12.	Genetics and Plant Breeding	01	01
13.	Horticulture- PSMA	02	01
14.	Horticulture-FLA	01	01
15.	Plant Biotechnology	01	01
16.	Plant Pathology	03	01
17.	Soil Science and Agricultural Chemistry	04	01
18.	Seed Science and Technology	01	01
19	Physical Education	01	-
20	Computer Laboratory	30	01

21	Farm section	01	-
	Total	63	16

Physical facilities

Hostels

Sl. No	Name of the warden	Name of the Hostel
1.	Dr. Archana Bhajantri Assistant professor	UG & PG Nethravathi Girls Hostel, Iruvakkki
2.	Dr. Mahiboobsa Assistant professor	UG & PG Kumaradhara Boys Hostel, Iruvakkki

Staff position in the Hostels

Sl. No.	Position of the workers	UG & PG Boys Hostel	UG & PG Girls Hostel
1	Care taker	1	1
2	Messenger	-	0
3	Head Cook	1	0
4	Assistant Cook	1	3
5	Helpers /Suppliers	6	2
6	Janitor	3	2
7	Watchman	1	1

Details of the Hostel Facilities

Sl. No.	Facilities Available	UG & PG Boys Hostel	UG & PG Girls Hostel
1	Number of Rooms	69	69
2	Students capacity	150	150
3	Present Strength	318	262
4	Number of students/ room	4	3
5	Number of Rented Rooms	-	-
6	Number of students/ room	-	-
7	Staff Quarters	-	-
8	Number of students/ room	-	-
9	Up graded Wi-Fi facilities	-	-
10	TV with cable connectivity	-	✓
11	Exhaust fans to kitchen and toilets	✓	-

12	Aqua - guard water units to corridor and Dining hall	✓	✓
13	Solar water heater systems	✓	✓
14	Generator facility	✓	-
15	Multy Gym	-	-
16	Reading room	✓	✓
17	Mosquito window mesh to all the rooms	-	-
18	CC camera to all corridor, entrance, parking, Dining hall, TV Hall and Store room	✓	✓
19	Parking facility for vehicles	✓	✓
20	Solar Lights around the hostel	-	-
21	UPS points to all rooms, dinning hall, kitchen, reading rooms and corridors	✓	✓
22	Cloth washing area	✓	✓
23	Cloth drying area	✓	✓
24	Indoor games facility	✓	✓
25	Seasonally maintained kitchen garden at hostel	✓	✓
26	Guest Room with attached washroom and toilet	✓	✓
27	Dormitory with washroom and toilet	✓	✓
28	Hostel workers rest room	✓	✓

Upgraded Facility for UG Boys Hostel

Sl.No.	Type of work
1	Construction of new PG hostel
2	Total number of rooms constructed: 50
3	Number of students accommodated: 150

Upgraded Facility for Girls Hostel

Sl ,No	Type of work
1	Construction of new PG hostel
2	Total number of rooms constructed: 50
3	Number of students accommodated: 150

Examination Hall

- ☐ The College has well equipped examination hall to conduct internal/external examinations to the students.

- ❑ The dimension of the examination hall is of 21.07 m x 7.725 m and 43.8 m x 7.725 m and can accommodate an about 200 students.
- ❑ The hall is situated in the second floor of varadha block with sufficient light facilities, 200 writing Tables and chairs, CCTV surveillance and an electric bell.
- ❑ Apart from this we have two more hall (Multipurpose Hall) with 21.97 x 7.725 m width to accommodate 100 students each.
- ❑ This hall also has sufficient light facilities, fans, chairs, CCTV surveillance.

Sports and Recreation Facilities

There are two large playgrounds on campus. The different courts present in each ground are listed below.

Sports Facilities at the College

Sl No.	Outdoor Sports facilities	No. Playgrounds/ fields	Remarks
01	400 m Standard Track	01	Non-raised bordered
02	Long jump pit	01	-
03	High jump pit	01	Cushion Bed
04	Kho-Kho court	01	Non-flood light
05	Volleyball Court	02	-
06	Basketball Court	01	-
07	Ball badminton	01	-
08	Foot ball	01	-
09	Cricket	01	-
10	Throw ball	01	-
11	Kabaddi	01	Non-flood light
Multipurpose Indoor hall (Wooden), The following events can be played,			
01	Kabaddi	01	With mat
02	Shuttle Badminton	04	-
03	Table Tennis	02	-
07	Chess	01	-
08	Yoga	01	With mat

Play ground -1

- ❑ Two cricket pitches
- ❑ One 400 m running track
- ❑ Two volley ball courts
- ❑ Two kabbaddi courts
- ❑ Kho-kho court
- ❑ Ball badminton court

❓ Long jump pit.

Play ground – 2 has a foot ball ground.

Ranger and Rover Unit

College started the Unit of the Bharath Scout and Guides Voluntary Centre along with the inauguration of Ranger and Rover Units in the College on 27.1.2026 in the presence of P.G. Sindhya, Head, State Scout and Guide and Dr. R.C. Jagadeesh, Honourable Vice Chancellor. This is the first campus in India to start the Ranger and Rover Unit among Farm Science Universities.

Language Laboratory

To strengthen students' communication skills in both Kannada and English, the following activities are conducted:

1. Language skill training
2. Interactions or interviews with scientists and progressive farmers.
3. Reading and summarizing scientific articles.
4. Unplanned presentations, public speaking sessions, and group discussions.
5. Debates on selected topics.
6. Pick and speak activities.
7. Field visits for practical exposure.
8. Special classes on using relevant software.
9. Encouraging students to start and engage in conversations.
10. Screening agriculture-related videos.

Language Laboratory

As per the Fifth Deans Committee, the course *ENG 101 (1+1) Comprehension and Communication Skills in English* is offered in the first semester to help students improve their English language skills. The goal is to help students develop both listening and speaking skills, which are essential employability skills. The entire syllabus is designed around the LSRW framework. The practical sessions cover the following areas:

- Building vocabulary, improving reading and writing, strengthening communication skills, understanding learning processes, assessing learning, demonstrating knowledge and skills, and developing classroom confidence.
- Developing academic language skills, including formal vocabulary, grammar, punctuation, syntax, discipline-specific terms, and rhetorical conventions that support knowledge acquisition.
- Encouraging students to start and participate in conversations.

- Focusing on both content and interaction, depending on whether the learning outcomes target declarative or functional knowledge.
- Using word games to expand vocabulary.
- Using pick and act activities, which help students learn English through creative strategies and performance.
- Studying linguistics and phonetics to build a stronger foundation in Standard English.

Group discussions were held on contemporary agriculture and socio-economic issues to enhance students' knowledge and strengthen their communication skills. These activities spark new ideas about language, and students often share their thoughts voluntarily on the topics discussed.

Cultural Centre:

Cultural activities help students grow in their chosen fields and build skills such as organisation, presentation, leadership, and interpersonal communication. These activities encourage creative thinking and help students develop their own innovative ideas. The College has student clubs, including a literature club named “Sogadu Sahitya Vedike” and a Dance club, which regularly conducts cultural programs on campus.