



ASPEE College of Horticulture
Navsari Agricultural University
Navsari – 396450



Infrastructure and Facilities Available with College

SN	Infrastructure and facilities	No. of units available
1	Administrative and college building	01
2	Smart Classroom / Lecture cum Examination hall	06
3	Auditorium/ Seminar Hall	01
4	Conference Hall	01
5	Computer Lab	01
6	Reading Hall	01
7	Girl's Hostel	03
8	Boy's Hostel	03
9	Laboratories of different subjects	
1	Department of Fruit Science & PSMA	02
2	Department of Vegetable Science	02
3	Department of Floriculture & Landscape Architecture	03
4	Department of Post-Harvest Technology	08
5	Department of Plant Protection	02
6	Department of Natural Resource Management	04
7	Department of Basic Science	03
8	Department of Social Science	03
10	Experimental Farm area (ha.)	46
11	Transport facility (Bus)	01

Administrative and College Building



**Administrative and College Building
ASPEE College of Horticulture**

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Smart Class Room / Lecture cum Examination Hall



College having six lecture halls to conduct theory classes and examination of Under Graduate and Post Graduate students. The seating capacity of each hall ranging from 80 to 100 students. The lecture halls are well furnished and have been provided with modern

teaching gadgets like LCD projectors and good quality public address system. The students are taught by using power point presentations during lectures. Principal of the College visits the classrooms during the lectures and practical. In addition, a committee is formed to supervise the examination. The college has facility of smart class rooms for video conferencing, which is useful for the students. CCTV cameras are fitted in all class rooms for effective supervision of teaching and examination, and internet facility is also provided round-the-clock.

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Auditorium/ Seminar Hall



College has well established Swami Vivekananda Hall constructed in year 2012 with plinth Area of 3229 sq.m having seating capacity of 250 persons. The Swami Vivekananda Hall is frequently used for organizing different student's activities as well as for conducting conferences, cultural programme, functions, seminars, etc. Additionally, an Auditorium is available in the University campus.

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Conference Room



A Conference Room of dimension 15 x 12 m is attached to the office of the Principal and Dean used to conduct the meetings and interaction with staff members, dignitaries, visitors and guest. The room is fully AC and well equipped with modern audio visual system.

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Computer Lab



The well equipped computer laboratory with internet connection is available at college level. The lab specially used for the students practical and the faculty members.

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Reading Hall



The college has a reading hall at the basement of college for the students. It is useful them to spend their free time in reading the material related to their academic, research and general awareness. Capacity of reading hall is about 50 students at a time.

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Hostel for ASPEE College of Horticulture, NAU, Navsari

The college having four hostels in which two hostels for girl and two hostels for boys. All the hostels are situated in main campus of the University and having different types of facilities for the students.

Main Contact Information:

Rector:

Dr. P. R. Patel,
Professor and Head,
Department of Plant Protection,
ASPEE College of Horticulture, NAU, Navsari.

Contact No. (O): +91 2637 282144 Ext. 202, 203 Mobile: +91 99797 61641, Email: prp_66@nau.in

ANSUYA GIRLS' HOSTEL

(For Under Graduate Girls)



Total number of rooms : 23

Accommodation Capacity of Hostel: 44 Beds

Facilities in the Hostel:

Mess, Kitchen, Dining Hall, Purified drinking water, Reading Room, Gym, Sport facility, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. Dharmishtha Patel, Assistant Professor

Mob No.: +91 8160146461, Email: dpatel1913@nau.in

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NANDINI GIRLS' HOSTEL

(For Under Graduate& Post Graduate Girls)



Nandini Girls' Hostel is a dedicated residential facility for girl students of the College of Veterinary Science. Temporarily, 18 rooms of the hostel have been allotted to the UG girl students of the ASPEE College of Horticulture, NAU, Navsari and 10 rooms to the PG girl students of the ASPEE College of Horticulture & ASPEE Agribusiness Management Institute, Navsari Agricultural University, Navsari.

Total number of rooms: 33

Accommodation Capacity of Hostel: 99 Beds

Facilities in the Hostel:

Dining Hall, Purified drinking water, Reading Room, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. Dharmishtha Patel, Assistant Professor

Mob No.: +91 8160146461, Email: dpatel1913@nau.in

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AHALYA GIRLS' HOSTEL

(For Post Graduate Girls)



Total number of rooms : 22

Accommodation Capacity of Hostel: 44 Beds

Facilities in the Hostel: Mess, Kitchen, Dining Hall, Purified drinking water, Reading Room, Gym, Sport facility, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. Tulsi D. Gurjar, Assistant Professor

Mob. +91 9427794401 Email: tulsugurjar@yahoo.com

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BAGAYAT BOYS' HOSTEL

(For Undergraduate Boys)



Total number of rooms : 30

Accommodation Capacity of Hostel: 90 Beds

Facilities in the Hostel: Mess, Kitchen, Dining Hall, Purified drinking water, Reading Room, Gym, Sport facility, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. Suraj Ransing, Assistant Professor (Fruit Science)

Mob No.: +91 9011458633, Email: suraj@nau.in

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SWAMI VIVEKANANDA BOYS HOSTEL (For Undergraduate Boys)



Total number of rooms : 68

Accommodation Capacity of Hostel: 148 Beds

Facilities in the Hostel: Purified drinking water, Gym, Sports facility, TV cum Reading Room, CCTV camera, Solar system, Fire Safety Hydrant System, 24 x 7 Care Taker, Parking for bicycle and two wheelers. Hostel Common Facilities Cleaning Staff.

Contact Information:

Assistant Rector: Dr. M. A. Patel, Associate Professor (Floriculture)

Mob No.: +91 8511102869 Email: mukeshpatel@nau.in

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SANKALP Boys' Hostel (For Post Graduate Boys)



Total number of rooms : 50

Accommodation Capacity of Hostel: 94 Beds

Facilities in the Hostel:

Mess, Kitchen, Dining Hall, Purified drinking water, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. V. P. Prajapati, Associate Professor (Plant Protection)

Mob No.: +91 9601278020, Email: virpathologist@nau.in

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MEENAKSHI Girls' Hostel (For Under Graduate Girls)



Meenakshi Girls' Hostel is a dedicated residential facility for girl students of the College of Fisheries Science, Kamdhenu University, Navsari. Temporarily, 13 rooms on the second floor of the hostel have been allotted to girl students of the College of Horticulture and Forestry, Navsari Agricultural University, Navsari.

Total number of rooms : 13

Accommodation Capacity of Hostel: 39 Beds

Facilities in the Hostel:

Purified drinking water, Sport facility, TV Room, Wi-Fi Connectivity, Newspapers, CCTV camera, Solar system

Contact Information:

Assistant Rector: Dr. Himani B. Patel, Assistant Professor

Mob No.: +91 7016379078, Email: hbp@nau.in

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Department Wise Infrastructure and Facilities Available

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Department of Fruit Science

Department

- Different Laboratories:
- Wi-Fi facility.
- Naturally Ventilated Polyhouse and Net House for EPL activities.
- List of important equipment and machines at department of Fruit science

Vacuum oven	Seed germinator
Weight balance	Freeze
Oven or dryer	Seed cabinet
Seed cabinet	Microscope
Blue indiment	pH meter
Trigo new	Projector
Autoclave with S. S. Basket	Canon copier.

Farm

- Experimental Farm Area: 26.0 ha
- Nursery: 4.0 ha
- Naturally Ventilated Polyhouses: 04 no.
- Storage Godown: 01 ha
- Borewell: 03 no.
- Pond : 0.5 ha
- Tractor : 04

	
Naturally Ventilated Polyhouses	Poly tunnel
	
Pond	Net house

Department of Vegetable Science

Department

- Well equipped laboratories (2).
 - 1) Leaf Area Meter-1
 - 2) Hot Air Oven-2
 - 3) Fruit Firmness Tester-1
 - 4) pH tester (Portable)-1
 - 5) EC Meter-1
 - 6) Pyranometer-1
 - 7) Temperature & Humidity Data Logger-2
 - 8) Digital Vernier Caliper-2
 - 9) BOD Incubator-1
 - 10) Electronic Microscope-10
- Canon copier.
- Wi-Fi facility.
- Naturally Ventilated Polyhouse and Net House for EPL activities.

Farm

- Experimental Area: 5.0 ha
- Naturally Ventilated Polyhouses: 03 (Departmental Research)
- Naturally Ventilated Polyhouse: 01 (ELP Activity)

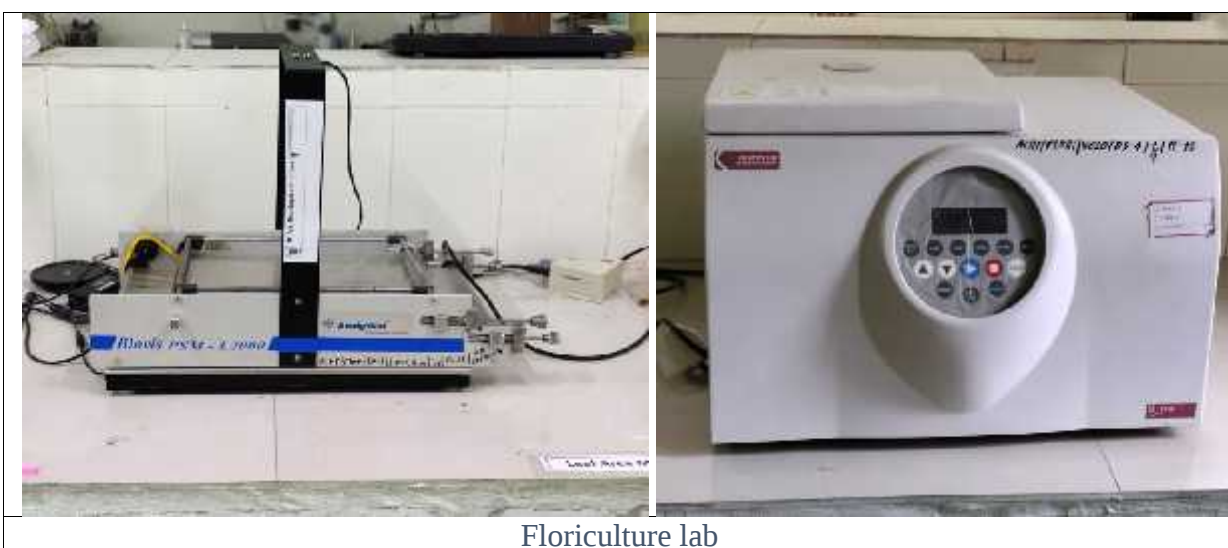
- Net House: 01 (ELP Activity)
- Tuber storage Godown: 01
- Borewell: 01

Department of Floriculture & Landscape Architecture

Department

- Different Laboratories:
- Wi-Fi facility.
- Naturally Ventilated Polyhouse and Net House for EPL activities.

Sr. No.	Infrastructure or Facilities available at Department	Area/No.
1.	Laboratory-FLA7(For Biochemical work)	1
2.	Laboratory-FLA6(For general Floriculture work)	1
3.	Gardens(Rooftop garden, Zen garden, Sand garden, Strolling garden, Vertical garden)	5
4.	Laboratory-FLA5(For Value Addition in Flowers)	1



Floriculture lab



College garden



Roof Top garden



Bio wall



Sand Garden



Zen Garden



Farm

- Experimental Farm Area: 4.0 ha
- Nursery
- Naturally Ventilated Polyhouses: 03
- Tuber storage Godown: 01

SN	Infrastructure or Facilities available	No.
A	Floriculture Research farm (4.00 ha)	
	Naturally Ventilated Polyhouse for orchid (500 m ²)	1
	Net house for Heliconias (1500 m ²)	1
	Net house for Bird of Paradise (500 m ²)	1
	Selling unit net house (750 m ²)	1
	Net house for cut greens, foliage plants etc. (175 m ²)	1
	Rain shelter for chrysanthemum, gypsophila etc. (200 m ²)	1
	Propagation unit (550 m ²)	1
	Net house for orchids and anthuriums (150 m ²)	1
	Godown cum store (22m ²)	1
	Propagation unit with rain shelter (175 m ²)	1
	Poly tunnel (Covered with UV stabilized plastic sheet) (54m ²)	1
B	Green House Complex (1350 m²)	
	Naturally Ventilated Polyhouse (768 m ²)	2.
	Fan and Pad type Polyhouse (672 m ²)	2
	Net house (150 m ²)	3

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Sr. No.	Infrastructure or Facilities available	
	Advanced Training Centre on Soilless Growing system for various crops (3500 m²)	
1.	Naturally Ventilated Polyhouse (500 m ²)	1
	Polyhouse with Fan and Pad system (500 m ²)	1

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Rain shelter	Store room
Floriculture Research Farm	

	
Chrysanthemum	Gladiolus
Floriculture Research Farm	

	
Fan & Pad Polyhouse	NV Polyhouse
Green House Complex at ACHF	

	
Succulents (Haworthia)	Adenium
	
Cactus	
Project-ATC Soilless System for various crops	

Department of Post-Harvest Technology

Department has excellent facilities for Teaching, Research & Development and Extension pertaining to Post Harvest Technology of Horticultural crops. Department of Post-Harvest Technology has following facilities for Teaching, Research & Development and Extension:

- Food Product R & D Laboratory
- Quality Control Laboratory
- Food Microbiology Laboratory
- Sensory Laboratory
- Post-Harvest Physiology and Packaging Laboratory
- Post-Harvest Engineering laboratory
- UG Laboratory
- Computer Net-Working Laboratory
- Seminar / conference Room well equipped with e- teaching aids

Facilities available in laboratories

Autoclave	Blade Mixer	Blanching Tank
BOD Incubator	BOD Portable Meter	Bomb Calorimeter
Box Compression Tester	Box Drop Tester	Bulk Density Meter
Colorimeter	Colony Counter	Deep Freezers
Digital pH Meter	Digital Refractometer	Digital Vernier Caliper
Double Seamer	Extruder	Fermenter
Filter Press	Flanger Hand	Freeze Dryer (lyophilizer)
Gas Analyser	Homogenizer	Hot Air Oven
Hot water Treatment Plant	Hydraulic Juice Press	Ice Flaking Machine
Incubator Shaker	Infrared Dryer	Infrared Moisture Balance
Kjeldal Distillation Apparatus	Laminar Air Flow	Mechanical Dehydrator
Microscope with Camera	Microwave Oven	Moisture Analyser
Multiparameter Meter	N ₂ Estimation Apparatus	Online Data Logger
PE gauge Meter	Pulveriser	Reformer
Refrigerated Centrifuge	Rheometer	Rotary Flat Can Body
Shrink wrapped Machine	Size Grader	Spectrophotometer
Texture Analyser	Vacuum Dryer	Vacuum Packaging Unit
Vibration Testing Machine	Water activity Meter	Water Vapour Transmission Rate Meter
Waxing Machine	Weighing Balance	Weight Grader
PCR - Thermo cycler	Electrophoresis Unit	Emulsifier
Flame Photometer	Mini-centrifuge	Magnetic stirrer
Tintometer	Hot Twin Screw Extruder	Laboratory Spray Dryer
Carbonation Unit	Micro-encapsulation Unit	Multi parameter Tester
Ice cream making unit	Fluidized bed dryer	

Additional excellence infrastructure

- Centre of Excellence on Post-Harvest Technology
- Mango and Tomato Processing Plant having capacity of 500 kg per 8 hours
- Onion Dehydration Plant having capacity of 2 tonnes per 8hours
- Juice Processing Line having capacity of 50 litre per hour
- Banana Processing Plant
- Low Temperature Storage Structure having 20Tcapacity
- Pre-Cooling Unit having 2.5Tcapacity
- Fruit Ripening Chambers having 6Tcapacity
- Controlled Atmosphere Storage Unit having 3Tcapacity
- R.O. Water filtration Unit having 1200 L/h capacity
- Freeze Drying Unit
- Heavy duty Spray Dryers
- Packaging Infrastructure
- Generator with Power backup facility



Food Product R & D Laboratory



Quality Control Laboratory



Packaging Laboratory



Sensory Laboratory



Food Microbiology Laboratory



Computer Networking Laboratory



Conference Room with e-teachingaids



Class Room with e-teachingaids



Mango Processing Plant



Dehydration Plant

Pilot food processing plant at PHT, NAU

Department of Plant Protection

Infrastructure or Facilities available/created

Sr. No.	Infrastructure or Facilities available	Sr. No.	Infrastructure or Facilities created
1.	Refrigerated centrifuge	2.	Spectrafuge
3.	Digital colony counter	4.	Microwave oven
5.	Analytical digital balance	6.	Hot air oven
7.	Digital balance	8.	Hot water bath
9.	Orbital shaker	10.	Laminar air flow
11.	Herbarium cabinets	12.	Verticle autoclave
13.	Electric loop sterilizer	14.	Refrigerator
15.	Micro processor ph system	16.	Bod incubator
17.	Elisa plate reader	18.	Elisa plate washer
19.	Polyacrylamide gel electrophoresis systems	20.	Compound microscopes
21.	Dissecting microscopes	22.	Centrifuge
23.	Stereo zoom microscope	24.	Microtome
25.	Lab. Projector		

Department of Natural Resource Management

Infrastructure and Facilities at Department

- UG Laboratories
- PG Laboratories
- Instrument room, Store room, sample room and office.
- Wi-Fi facility.





Farm

- Farm Area: 10 ha
- Office, Museum and godawn
- Borewell: 01
- Farm implements, Vermicompost unit, NADEP compost unit, anaerobic compost unit, Net house.



Department of Basic Sciences

1. Computer laboratory
2. Post Graduate Research Laboratory
3. Under Graduate Practical Laboratory
4. Plant Tissue Culture Laboratory
5. Glass house, poly house and net house
6. Analytical instruments



COMPUTER LABORATORY



UG PRACTICAL LABORATORY



PG RESEARCH LABORATORY



PLANT TISSUE CULTURE LABORATORY



HARDENING FACILITIES

Department of Social Science

Sr. No.	Infrastructure or Facilities available	Area/No.
1	Laboratory of Agril. Extension Education	01
2	Laboratory of Agril Economics	01

Transport facility



The college has a bus providing the transport facility to the students and farmers for field visit and the visits out of college campus.
