



NAVSARI AGRICULTURAL UNIVERSITY

# College of Forestry At a glance



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# COLLEGE OF FORESTRY

## NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI

The Faculty of Forestry came into existence in the year 1988 and started imparting education leading to B.Sc. (Hons.) Forestry degree. Thereafter, PG programmes viz., M.Sc. (Forestry) and Ph.D. (Forestry) degrees commenced from 1993-94 and 2006-07, respectively. On receipt of fund from ICFRE, Dehradun, for construction of College and Hostel buildings, a separate College of Forestry was established. Meanwhile, 31 academic staff were recruited in the College during 2010, as per the ICAR recommendations of IV Dean's committee. Thus, College of Forestry started functioning independently from the year 2010 and is accredited by ICAR, New Delhi as well as by ICFRE, Dehradun.



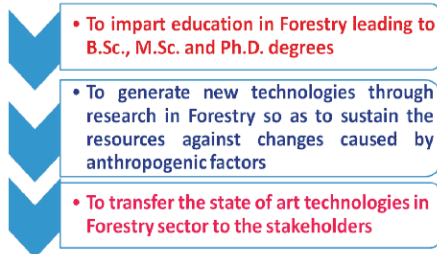
ICFRE rated this college as A\*. NAU recognized six departments in the college viz., SAF- Silviculture and Agroforestry, FBT- Forest Biology and Tree Improvement, FPU- Forest Products and Utilization, NRM- Natural Resource Management, BSH- Basic Science and Humanities and Wildlife Science as per the recommendations of IV & V Deans committee of ICAR and BSMA committee (2009). Total 472 B.Sc. (Forestry), 140 M.Sc. (Forestry) and 32 Ph.D. (Forestry) students passed out up to December, 2020.

### Genesis

#### Goals



#### Objectives



**Staff position:** Under the Plan project on “Strengthening of College of Forestry”, total 36 positions were sanctioned by the Government of Gujarat (GoG) which includes one position of Principal, four Professors, 10 Associate Professors and 21 Assistant Professors in the five departments. In addition, two more positions, one each of Associate Research Scientist and Assistant Research Scientist were sanctioned in the Climate Change project also funded by GoG.

**Academic programmes:** The College offers undergraduate and post graduate degree programmes in Forestry and details are as follows:

Degree Programme	Duration
B. Sc. (Hons.) Forestry	8 Semesters
M.Sc. (Forestry)	4 Semesters
Ph.D. (Forestry)	6 Semesters

### **Under Graduate degree programme in Forestry**

B.Sc. (Hons.) Forestry is a four years professional degree programme conducted in eight semesters. Six semesters of theory & practical courses and two semesters are allocated for field and practical exposure through Experiential Learning Programme (ELP) and Forestry student READY Programme (FRP) as per course curriculum and syllabi of V Dean's committee from the academic year 2017-18.

**ELP**-In Forestry discipline, each student is exposed to both the ELP modules viz., 1. Forest Nursery and 2. Commercial Apiculture.

### **Eligibility criteria for B.Sc. (Hons.) Forestry**

Candidates who have passed higher secondary with Physics, Chemistry and Biology (PCB) with English are eligible. The common state level admission notifications are notified in News Papers as well as on official website- [www.gsauca.in](http://www.gsauca.in). Centralized online admission procedure on merit basis is followed by considering weightage of marks obtained in 12<sup>th</sup> Science stream (PCB) and GUJCET in the ratio of 60:40, respectively. Total intake is 66 including ICAR seat.

### **Post Graduate degree programme in Forestry**

As per the recommendation of V Deans committee report and the Broad Subject Matter Area (BSMA) committee on Forestry report, presently, M.Sc. Forestry degree programme is offered in four semesters in the five disciplines viz., Silviculture and Agroforestry, Forest Biology and Tree Improvement, Forest Products and Utilization, Natural Resource Management and Wildlife Science. Similarly, Ph.D. Forestry programme consisting of six semesters is offered in the four disciplines viz., Silviculture and Agroforestry, Forest Biology and Tree Improvement, Forest Products and Utilization, and Natural Resource Management from the academic year 2018-19 onwards.

### **Eligibility criteria for M.Sc. and Ph.D. Forestry**

For Master's degree, candidate should possess Bachelor degree in Forestry from recognized university with an OGPA of 6.0 (10.0 scale basis) or its equivalent. For Doctoral degree, candidate should possess M.Sc. in the concern discipline from recognized university with OGPA of 6.5 (10.0 scale basis) or its equivalent. The common state level admission notifications are notified in News Papers and on website- [www.gsauca.in](http://www.gsauca.in). Centralized online admission procedure on merit basis is followed by considering weightage of marks obtained in the B.Sc./M.Sc. degree and entrance test in the ratio of 50:50, respectively. Total intake is 25-30 for M.Sc. (Forestry) and 5-10 for Ph.D. (Forestry) including ICAR seat, depending upon the availability of Major Advisor.

### **Other Programmes**

In addition to professional degrees, this College is coordinating center for e-course on Indian Institute of Remote Sensing (IIRS) outreach programme on RS & GIS and also offers Certificate Course on "Nature & Wildlife Photography".

### **Student Financial Aid**

Students receive different fellowships awarded by ICAR, New Delhi, Government of Gujarat and other central government sponsorship/scholarships. Name of the fellowship awarded to the Forestry students are NTS-UG, NTS-PG, ICAR-JRF, STUDENT READY, NAU PG fellowship, NAU Girls meritorious fellowship, SC, ST and SEBC fellowships.

### **Infrastructure facilities of University**

Central Library, Primary Health Center, Auditorium, Sports Complex, Gymnasium, Educatorium, Guest House, Farmers Hostel, International Hostel, Central Examination Hall, Bank Services, Post Office.



## Infrastructure facilities of College

College consists of three storied building accommodating staff rooms, modern class rooms, laboratories, Museum, Examination hall, Seminar-cum-conference room with internet and Wi-Fi facilities. Separate Boy's and Girl's hostels for both UG and PG students. Laboratories established with state of art instrumentations, machineries and equipment's to deliver the UG and PG practicals, following are the research laboratories in the college:- Silviculture Lab, Seed Science & Technology Lab, Tree Improvement Lab, Tissue Culture Lab, Forest Biotechnology Lab, Wood Anatomy Lab, Environmental Science Lab, Soil & Water Lab, RS and GIS Lab, Forest Products Lab, Computer Lab, Honey Processing Unit, Nature & Wildlife Photography Lab and Forestry Museum. For student's demonstration and research activities, forestry farms are established in the campus which includes Arboretum, Bambusetum, Biodiversity Conservation Center, Forest Nurseries, Medicinal Plant Nurseries, ELP Units, Multi-species plantation, Agroforestry trials, Clonal evaluation trials, Bamboo workshop, Wooden workshop, and Tree plantation. Other facilities like College Buses and Mini vehicles are available for student's practical and study tours.

## Co-curricular Activities

In addition to the routine course curriculum, both UG and PG students are encouraged to take part in the sports and cultural activities at Inter collegiate, Inter University and National level. Few students also participate in NCC, Weapon Training, NSS Camps and other programme organized in the college from time to time. Students are also encouraged to participate in outdoor games like Kabaddi, Cricket, Kho-Kho, Volley Ball, Basket Ball, Badminton and Athletics. Students also entertain the audience through their cultural activities like Folk dance, Drama, Mime, Mono Acting, Extempore, Debate, *etc.* on competitive basis in the University and National level programmes. Also celebrate Teachers Day, Environment Day, International Day of Forests, International Yoga Day, Van Mahotsav and Wildlife activities with faculty members.

## Students Placement

After graduation, more than 30% students are opting for higher studies and nearly 20-25% of students opt to prepare for competitive examinations including GPSC and UPSC. Rest of the students join government, semi-government, private sectors, NGOs and few attempts to become entrepreneurs. Some of the placement partners of the college are- HDFC Bank Ltd, Du Pont, ILED Infra Tech Pvt. Ltd., Mukesh Associates, New Delhi, Utkarsh Agrotech, UPL-Unimart, FMC India Private Ltd, Reliance Retail Limited, *etc.* Many of our graduates are working with these firms. Apart from this, nearly 15 to 20 Post graduate students are working in various research projects on different aspects of forestry as Research Associates and Research Fellows at the College of Forestry. Presently our alumni are serving in forest department at various capacities. To motivate students, placement cell regularly organize special lectures on Career Opportunities in Forestry Sectors as well as Entrepreneurship Development Programmes.

