



Department of Wildlife Sciences

2025





Department of Wildlife Sciences

Genesis

Forestry education in India began in 1985 in State Agricultural Universities and ASPEE College of Forestry and Horticulture was established in 1988, starting with B. Sc. (Forestry) education. M.Sc. and Ph.D. in various specializations of Forestry started in 1993-94 and 2006-07, respectively. College of Forestry, which is the only forestry education institute in Gujarat, follows syllabus and curricula as per the recommendations of Indian Council of Agricultural Research (ICAR), New Delhi. The institute is being accredited by ICAR as well as Indian Council for Forestry Research and Education (ICFRE). Time to time undergraduate and postgraduate programmes are amended by ICAR and implemented across the country. Looking to the need of the society and demand of the market, the nomenclature and content are upgraded at national level.

As per the recommendations of ICAR's Fifth Deans Committee, College of Forestry should have six departments namely Silviculture and Agroforestry (SAF), Forest Biology and Tree Improvement (FBT), Natural Resource Management (NRM), Forest Products and Utilization (FPU), Basic Science (BS) and Wildlife Sciences (WLS). On the basis of ICAR's Fifth Deans Committee Report, a proposal was submitted to Govt of Gujarat for establishment of Department of Wildlife Sciences and a separate department has been approved by the State Government in May 2021.





Aim

Development of quality human resource to contribute in wildlife research for conservation of wildlife of India

Objectives

The objectives of the DWLS are aligned with the recommendations of ICAR, and policy documents of MoEFCC, Govt of India including India's latest National Wildlife Action Plan.

1. To strengthen the department of wildlife sciences with state of the art facilities and impart education to under graduate and post graduate students on wildlife and develop qualified human resource.
2. To carry out basic and advance research in the field of wildlife along with taking up farmers oriented projects on human-wildlife conflict, issues prevailing in the state and the country and collaborate with various wildlife institutes, universities and agencies of the country and abroad for wildlife monitoring, conservation and management.
3. To make the scientific technology of wildlife monitoring and conservation available to the society and working towards community participation in wildlife protection issues, ecotourism and livelihood upliftment.



Vision

Strengthen Department of Wildlife Sciences with state of the art facilities for holistic research that can augment monitoring and conservation of wildlife of India.

Future plan

- ❧ To prepare M.Sc. and Ph.D. Wildlife Science manpower for the service to nation.
- ❧ Develop a regional centre of international importance on wildlife and national resource conservation.
- ❧ Identify and analyse research needs looking to the global climate change scenario and generate scientific information and provide the research base for various conservation initiatives by taking up collaborative projects on wildlife.
- ❧ Develop guidelines for education, research and extension of wildlife sciences that can be used as ready reckoner for farmers, students, protected area managers, forest officers and field staff of forest department.
- ❧ Disseminate scientific information and wildlife friendly technology to farmers and local people to create awareness among communities towards precautionary measures to reduce human-wildlife conflict.
- ❧ Recognize the issues relating to climate change impacts on wildlife and suggest mitigation and adaptation measures.
- ❧ Take up projects on current issues of wildlife with national and international agencies.
- ❧ Focus on high rated publication with high impact factor and global acceptance.
- ❧ Organize national and international conferences, workshops and seminars.
- ❧ Sign Memorandum of Understanding with various local and global agencies for training, technology transfer and technical guidance to the stakeholders.
- ❧ Establish a centre of excellence on wildlife studies that deals with all the stakeholders using latest technology for wildlife monitoring and conservation.
- ❧ Initiate Post graduate Diploma in Wildlife Conservation and Management.
- ❧ Commence skill based short term certificate courses and training programme on wildlife conservation, ecosystem services, wildlife management, mammalogy, herpetology, ornithology, wildlife health management, rescue and rehabilitation, ecotourism, etc.
- ❧ Establishment of state of art lab for geospatial data analysis.
- ❧ Publishing a journal of wildlife research from the department.

