



Department of Science & Technology
Ministry of Science & Technology
Government of India



**DEPARTMENT OF SCIENCE AND
TECHNOLOGY SPONSORED TRAINING
UNDER THE DISHA SCHEME FOR
NATIONAL PROGRAMME FOR
TRAINING OF WOMEN SCIENTISTS
AND TECHNOLOGISTS WORKING
IN GOVERNMENT SECTOR**

**ON BIODIVERSITY
CONSERVATION**

14th - 18th November, 2022

**Wildlife Institute of India
Dehradun**



PROPOSED THEME

Biodiversity Conservation

STRENGTH OF WII FOR THE PROPOSED TRAINING PROGRAMME

Wildlife Institute of India (WII) set up in 1982 has emerged as an eminent regional centre for training and research in wildlife conservation in South Asia and South-East Asia. One of the important mandates of the Institute is to train personnel at various levels for conservation and management of wildlife resources. Since 1977 the institute has trained more than thousand officers in Wildlife Management.

The Institute has played a pioneering role in creating the Master of Wildlife Science course since 1988. The ten-month Postgraduate Diploma Course in Advanced Wildlife Management and three-month Certificate Course in Wildlife Management for Wildlife & PA Professionals was designed to create skilled wildlife biologists who will play an important role in the conservation of natural resources. These intricately structured courses ensure the right amalgamation of theory and practical training. While this course is sought after by many within the country, students from Nepal, Sri Lanka, Myanmar and Mangolia have also undergone the course. The academic programs coupled with several field-based projects, makes WII a veritable learning resource centre, in the subject area of wildlife science in the south Asia region.

The Institute has also been able to provide short term training programmes to about >1000 officers in different subject areas of wildlife management and biodiversity conservation. Organizing short term training programmes and workshops for forest officers is a regular activity of this Institute. The Institute has a good mix of permanent scientists working in different disciplines of wildlife conservation and Protected Area Managers with vast field experience in dealing with such programmes. One of the unique strengths of the Institute has been to blend theory and practice and therefore the inputs provided by the Institute have direct linkages with the application in the field.

COURSE OUTLINE

Conservation areas face enormous pressures and the biodiversity has declined over the years, and many species are threatened with extinction. The loss of habitat or rate of decline is faster than the human assessment of the earth's species or biological diversity. There is an urgent need to document the diversity, conserve species, and arrest extinction. The science of biodiversity conservation addresses these aspects. It uses theoretical knowledge from other fields of biology and applies it to finding solutions for achieving biodiversity conservation. Scientists and technologists sensitized towards biodiversity conservation have a significant role to play in paving way for a sustainable world.

The science involved in biodiversity conservation and management has developed manifold in recent years. It is important that scientists and technologists working in different sectors in the country are exposed to these issues and changes have a hands-on experience of the recent advances in the field of biodiversity conservation.

The training workshop will broadly appraise the participants about the current conservation scenarios and the ongoing issues and trends in biodiversity conservation. In this background the tentative programme of one week will be as follows (Some amendments to the programme



Women scientists working in the Government departments/institutions/organizations/universities (maximum 25).

may be made depending on the profile of the participants):

- Biodiversity conservation-an overview of National and International Initiatives, Role of Protected Areas in Biodiversity conservation, ecosystem services and climate change, Wildlife Management in India, conservation of large species, reintroduction/introduction of species.
- Community participation in conservation, Stakeholders in conservation, Biodiversity conservation and livelihoods of the local communities, Gender issues in Biodiversity conservation.
- Protected Areas to Landscapes-Concept approach and challenges ahead, Mainstreaming Biodiversity conservation issues in development process.
- Field visits to gain hands on experience on above issues.

OBJECTIVES

The objectives of the course are to make the scientists aware of:

1. Principles/approaches in Biodiversity Conservation
2. Causes of decline in natural resources/habitats and species
3. Good practices in Biodiversity Conservation
4. Conservation issues in the field
5. Establish linkages and facilitate sharing of information among scientists

The one-week course has been packaged with an introductory module on the first day and then the participants will be provided with specialized inputs for four subsequent days including a field visit to a nearby Protected Area. The course coordinator will steer the entire programme. Scientists from WII will provide inputs and subject specific resource persons of national repute, will also be invited.

BOARDING AND LODGING FOR THE PARTICIPANTS

The participating officers will be accommodated in the Institute Guest House/nearby Hotel while in Dehradun. In case of field visits, accommodation in the field will be arranged by WII.

TRAINING COSTS

The DST will bear all cost of the training including boarding and lodging of the participant. However, the travel cost to and from Dehradun will have to be borne by the parent organization of the candidate.

VENUE & DATES

The training will be conducted at the Wildlife Institute of India, Dehradun from 14th - 18th November, 2022. The participants should plan to reach Dehradun on 13th November 2022 and depart on 19th November 2022.

REGISTRATION

Duly filled registration form along with a small write up about yourself in approx. 200 words and a recent photograph should reach the undersigned on or before **30th October 2022.**



Contact Details

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