

Registration Fee

Rs 10,000/- (Rupees Ten thousand only; GST inclusive) will be charged from each candidate towards the course material that includes a book on 'Plant Taxonomy & Biosystematics'. Local hospitality, fooding and lodging will be provided by the host Institute (CSIR-NBRI). No TA/DA will be provided to the participants. Selected candidates will have to make their own arrangements for to and fro travel. We are applying for grants to various funding agencies. In case fund is granted TA will be reimbursed to few meritorious candidates. Registration charges are to be paid through Demand Draft of a Nationalized Bank drawn in favor of "Director, CSIR-NBRI" payable at Lucknow, only after intimation of the selection.

Structure of the training course

- Theoretical and practical aspects on systematics of algae, lichens, bryophytes, pteridophytes, gymnosperms and angiosperms.
- Hands on training on herbarium and DNA fingerprinting/ DNA markers techniques.
- Lectures on various aspects of plant systematics by eminent experts of different plant groups.

Excursion

Participants will be exposed to "hands on training" on collection of different plant groups, knowledge to gather field data, processing and preservation of collected materials

About CSIR-NBRI

CSIR-NBRI is one of the premier plant research institutes in India, undertaking active research from classical taxonomy to cutting edge areas of modern biology. The institute has an excellent expertise and infrastructure for carrying out taxonomical researches on different plant groups such as algae, lichen, bryophytes, pteridophytes, gymnosperms and angiosperms. The herbarium (LWG) of the Institute holds about 275000 specimens and is recognized as one of the "National Repositories" for Indian flora by National Biodiversity Authority (NBA) of India. Spread over 25 hectares, the Botanical Garden of the Institute is a "National Facility" with three main functions viz.: conservation, education and bio-aesthetics. The Garden holds rich collection of germplasms of gladioli, bougainvillea, canna, roses, lotus, plumeria and cycads. The bonsai section, conservatory, fern, palm, moss, orchid, cycad, cactus and succulent houses are the other attractions of the botanical garden. The library of CSIR-NBRI has a rich collection of books and journals related to plant sciences. The library subscribes 58 print and 411 online journals.

Eligibility

The training course has been designed to attract young and enthusiastic research scholars, faculties working in various academic institutions, colleges and universities. Fresh M.Sc. students having deep interest to pursue researches in plant systematics are encouraged.

How to Apply?

Completed application forms duly forwarded and recommended by Research Guide/Supervisor/ Head of the Department should reach the "Course Coordinator" on or before January 30, 2024

The number of seats are limited. The candidates are selected based on their merit. Selected candidates pay the fee within one week.

Training Course on "Classical and Modern Methods in Plant Taxonomy & Biosystematics"

CSIR-National Botanical Research Institute,

Lucknow-226001



February 21-27, 2024



Taxonomy is the science of describing, naming and classifying organisms, and it is therefore, an important tool in understanding the biological diversity. Unfortunately, the ongoing efforts in inventorying and documenting biological resources have been limited greatly by the scarcity of taxonomic expertise in many groups of organisms. Without taxonomists it is impossible to describe and name new species, survey biological diversity and identify biodiversity hotspots or other areas of special conservation concern.

There are only few active centers in India, where researchers are being trained in taxonomy. It is observed that taxonomic researches are not attracting reasonable funding to carry forward the Linnaean legacy. Therefore, there is a constant declining trend in taxonomic research as well as taxonomists world over. This concern has been expressed globally by eminent biologists. Considering the increasing demand for more trained taxonomists, it is important that taxonomy-based institutions in India take stock of the situation, and find out appropriate solutions. It is in this context CSIR-NBRI, Lucknow, organizing a 7 day training course on "Classical and Modern Methods in Plant Taxonomy & Biosystematics".

Topics to be covered in the training course

- Herbarium Techniques and Curation
- International Code of Nomenclature for algae, fungi, and plants
- Botanical keys, floras, revisions and monographs
- Species concepts
- Phytogeography and Plant Evolution
- Palynology, Reproductive Biology and Conservation
- Molecular Systematics, Phylogeny and DNA Bar coding.
- IUCN and Conservation
- Ethnobotany and Bioprospection
- Horticultural Taxonomy
- Role of Taxonomy in Agronomy, Forestry and Ecology
- Botanical Informatics

Important Dates

January 30, 2024: Last date for receiving the application form

Advisors

- Dr. P. A. Shirke, Chief Scientist
- Dr. S.K. Tewari, Chief Scientist
- Dr. Samir Sawant, Chief Scientist
- Dr. Anil P. Sane, Chief Scientist
- Dr. Vidhu A. Sane, Chief Scientist
- Dr. P.K. Singh, Chief Scientist
- Dr. Ch. V. Rao, Chief Scientist
- Dr. Sharad Srivastava, Chief Scientist
- Dr. Vivek Srivastava, Senior Principal Scientist
- Dr. Pankaj Srivastava, Senior Principal Scientist

Faculties

- Dr. T.S. Rana, Chief Scientist
- Dr. Sanjeeva Nayaka, Chief Scientist
- Mr. Anand Prakash, Chief Scientist
- Dr. Meher Hasan Aasif, Chief Scientist
- Dr. P. S. Chauhan, Senior Principal Scientist
- Dr. A.P. Singh, Principal Scientist
- Dr. Priyanka Agnihotri, Principal Scientist
- Dr. Sachitra Ratha, Principal Scientist
- Dr. Dibyendu Adhikari, Principal Scientist
- Dr. S.N. Jena, Senior Principal Scientist
- Dr. K.J. Singh, Senior Scientist
- Dr. Sandip K. Behera, Senior Scientist
- Dr. K.M. Prabhukumar, Senior Scientist
- Dr. Manish Bhoyar, Senior Scientist
- Dr. Gaurav K. Mishra, Scientist
- Dr. D.K. Upreti, Chief Scientist (Retd.)
- Dr. Tariq Husain, Chief Scientist (Retd.)
- Dr. K.N. Nair, Chief Scientist (Retd.)
- Dr. L.B. Chaudhary, Senior Principal Scientist (Retd.)
- Dr. A. K. Asthana, Senior Principal Scientist (Retd.)

Supporting staff

- Dr. Sushma Verma, Senior Technical Officer
- Dr. Vinay Sahu, Senior Technical Officer
- Dr. Kiran Toppo, Senior Technical Officer
- Dr. K.K. Rawat, Senior Technical Officer
- Mr. Rameshwar Prasad, Technical Officer
- Dr. Vandana Tiwari, Technical Officer
- Dr. Komal K. Ingle, Technical Officer
- Mr. Yogeshwar Sahu, Technician

Training Course on “Classical and Modern Methods in Plant Taxonomy & Biosystematics”

Venue

**CSIR-National Botanical Research Institute,
Lucknow-226001**

February 21-27, 2024

Patron

Dr. Ajit Kumar Shasany
Director, CSIR-NBRI

Convener

Dr. Sanjeeva Nayaka, Chief Scientist
Area co-ordinator
Plant Diversity, Systematics & Herbarium
Division
CSIR-National Botanical Research Institute
Rana Pratap Marg, Lucknow-226001

Course Coordinator

Dr. Vijay V. Wagh
Principal Scientist
Plant Diversity, Systematics & Herbarium
Division
CSIR-National Botanical Research Institute
Rana Pratap Marg, Lucknow-226001
Phone (O): 0522-2297846, Fax: 0522-2205836
Email: vijay.wagh@nbri.res.in

Application Form

Name of the candidate Dr./Mr./Ms.....

Designation:.....

Age:.....Gender (M/F):.....

Address:.....

Email:.....

Mobile No:.....

Telephone No:.....Fax:.....

Are you registered for Ph.D.? If, Yes name of the
University:.....

Year of Registration:.....

Current research activity in plant systematics:..

Why do you want to attend the training course?

Recommendation of the Research Guide/ Su-
pervisor/ HOD:.....

Signature of the Research Guide/Supervisor/
HOD

Signature of the Candidate



Click [here](#)
or
scan this QR Code
to register

