



National

Training Workshop
On

**Plant Taxonomy
Classical and
Modern Methods**

12th - 14th March, 2020

Sponsored by

Ministry of Environment, Forest and Climate Change (MoEFCC)
Govt. of India, New Delhi

Under

All India Coordinated Project on Capacity Building in Taxonomy
(AICOPTAX)

Organized By

Centre for Biodiversity and Taxonomy (CBT)
Department of Botany, University of Kashmir.



Introduction

In its broadest definition, taxonomy (or systematics) deals with the discovery, description, identification, nomenclature and classification of biodiversity on the Earth, besides studying their phylogenetic relationships. The discipline of taxonomy is at the heart of biodiversity science because of its indispensable role in the documentation, conservation and sustainable use of biodiversity. Practical taxonomy serves as the main tool in discovering, describing and classifying biodiversity, and as such constitutes the core of biodiversity science. Taxonomic data helps in addressing the questions of what, where and how biodiversity is distributed at local, regional and global scales. Taxonomy furnishes the synthetic biological information that is crucial for the sound policy making, effective planning and informed decision making in the biodiversity management.

The UN Convention on Biological Diversity (CBD) (1995) has unequivocally recognized the existence of a taxonomic impediment in the conservation and sustainable management of biodiversity. In India also, the taxonomic impediment is manifested by a sharp decline in taxonomic expertise and resources. The number of field taxonomists who survey the natural habitats, identify the species and classify the biota is fast declining in the country. The herbaria and museums, which are the treasure-houses of precious specimen collections and form the basis of knowledge about our biodiversity, are gaining wide popularity and scientific relevance. The huge taxonomic knowledge gaps existing in the country are the main road-blocks in achieving the major objectives of CBD: conservation of biodiversity, sustainable use of its components, and fair and equitable benefit sharing among the stakeholders. In the present era of Anthropocene, such taxonomic knowledge gaps have serious implications for the biodiversity management and policy making. To overcome the taxonomic impediment in the country, the Ministry of Environment, Forest & Climate Change has initiated an ambitious research program under the banner of All India Coordinated Project on Capacity Building in Taxonomy, (AICOPTAX). Under the AICOPTAX, the Centre for Biodiversity & Taxonomy, Department of Botany, University of Kashmir has been sanctioned a research project, in which training workshops are to be conducted for capacity building in plant taxonomy. It is in this context that the Centre is organizing 2nd National Training Workshop on “Plant Taxonomy: Classical and Modern Methods” from 12th - 14th March, 2020

Course Contents:

- Plant classification systems
- Plant nomenclature
- Plant identification
- Herbaria
- Botanic gardens
- Floras
- Monographs
- Microscopy
- Photography
- Molecular taxonomy
- Phylogenetic systematics



Visit to Herbarium:

Hands-on pertaining to processing, preservation and management of herbarium specimens.

Who can participate:

The workshop is targeted mainly towards assistant professors, lecturers, scientists and research scholars working in universities, colleges and other institutions in the country, with special focus on Indian Himalayan States. Only 30 participants will be selected for this workshop, on first come first serve basis.

Registration:

The interested candidates should submit a completely filled-in application form (hard/soft copy) attached with the brochure on the address: Organizing Secretary, National Training Workshop on Plant Taxonomy, Centre for Biodiversity & Taxonomy, Department of Botany, University of Kashmir, Srinagar-190006, J & K, India

e-mail: anzarak@uok.edu.in. 91-7889647512

Last date for submission of registration form: 29-02-2020

*** All the applicants who have deposited Registration Fee during previous call for workshop in February 2019 need not to apply again.**

Registration fee before 05-03-2020 : Rs 3000/=

(Assistant Professors, Lecturers, Scientists)

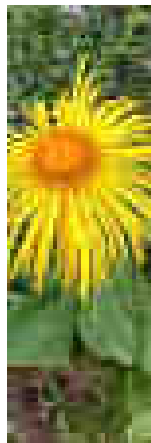
Rs 1000/= (Research Scholars); On-spot Registration fee: Rs 4000/= and Rs 2000/= respectively.

Account Number:0007040500001049, The J&K Bank Ltd., Hazratbal Branch; IFSC Code:JAKA0NASEEM

No TA/DA will be provided for participation in the workshop. However, the participants will be served lunch, tea and refreshments during the workshop. Those participants who require accommodation during the workshop have to bear the University guest house/ hotel rent and food charges on their own.

University of Kashmir:

The University of Kashmir is situated at Hazratbal in Srinagar. It is flanked by the world famous Dal Lake on its eastern side and Nigeen Lake on the western side. The Main Campus of the University is spread over an area of 247 acres of land, which is divided into three campuses – Hazratbal, Naseem Bagh and Mirza Bagh (the latter serving for residential purpose). There are additional campuses: Zakura, North (Delina), South (Fatehgarh), Kupwara, Kargil and Leh. Over the years, the University has marched towards excellence in academics, research and public outreach.



Centre for Biodiversity & Taxonomy (CBT) Department of Botany:

Centre for Biodiversity and Taxonomy (previously named as Centre of Plant Taxonomy) is an important adjunct of the Department of Botany, University of Kashmir. Since its inception in 1981, the Centre has contributed significantly in the documentation, conservation and sustainable use of the plant resources in this Himalayan region. Over the years, the Centre is providing scientific nomenclature and identification services to research scholars and scientists from other Departments of this University and the various Departments of State Government particularly, Forests, Environment, Agriculture, Horticulture, Floriculture, etc. The Centre has carried out field surveys and plant specimen collection in Jammu, Kashmir and Ladakh Himalayas. Currently, the Centre is running a number of research projects of national and global importance. Eminent scientists from the country and abroad frequently visit the Centre's Herbarium (acronym KASH) for pursuit of their research work. Frequently students from various schools, colleges and other institutes visit the KASH herbarium and demonstration sessions are conducted to learn the techniques and role of herbarium.

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**NATIONAL TRAINING WORKSHOP ON
"PLANT TAXONOMY: CLASSICAL AND MODERN METHODS"**

12th -14th March, 2020

**CENTRE FOR BIODIVERSITY & TAXONOMY,
Department of Botany, University of Kashmir**



Registration Form

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

Designation:.....

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

Address:.....

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Email:.....MobileNo:.....

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

Registration fee details:.....

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Do you require accomodation.?

Yes No

Why do you want to attend the training workshop?

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Recommendation of the Supervisor/ HOD/Principal:

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Signature & Seal

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Signature of the Candidate

