



Faculty Development Programme

On

“Plant Taxonomy & Biodiversity Conservation” (20th to 24th May, 2023)

Organized by
Department of Botany, MSCB
University, Baripada
&

Sponsored by
OHEPEE, Govt. of Odisha



CHIEF PATRON

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About the FDP

Taxonomy is the branch of biology that is important to understand the diversity of life forms on earth. It not only plays a vital role in assessment of biodiversity but also its sustainable utilization and conservation. The branches of biology such as forestry, ecology, horticulture, landscape development etc. require the knowledge of taxonomy. Studying biology without taxonomy knowledge is deprived of aim and basic fundamentals. Besides this, the number of trained taxonomists and the research focus on taxonomy are declining day to day.

Therefore, the primary goal of the Faculty Development Programme (FDP) is to train and inculcate the knowledge of taxonomy and its application for biodiversity conservation among the faculty members. This FDP will help the faculties for acquiring the basic skill on plant taxonomy, assess the plant biodiversity and methods of conservation of threatened taxa. The course will include basic knowledge on plant identification, herbarium techniques, botanical nomenclature, floristics and quantitative biodiversity assessment. The programme will undertake field visit to A. P. J. Abdul Kalam Biodiversity Park, MSCB University, where participants can access to plants growing in natural habitat.

Objectives

The programme has following objectives-

- To understand the salient features of Botanical Nomenclature
- Identification of plants, based on morphology and literature
- Preservation of plant specimens through herbarium techniques
- Methods of floristic study
- Assessment of biodiversity and conservation

About the University

The Government of Odisha under the Section 32 of the Odisha University Act, 1989 (Act 5 of 1989), established the Maharaja Sriram Chandra Bhanja Deo University (erstwhile North Orissa University) and notified vide notification No. 880 dated 13 July 1998. The university is included in the list of Universities maintained under section 2 (f) of the University Grants Commission Act, 1956, to impart higher education in the Tribal base area of Northern Odisha.

On 23 December 2020, the 150th birth anniversary of Maharaja Sriram Chandra Bhanja Deo (erstwhile King of the princely state of Mayurbhanj), CM of Odisha announced that North Orissa University of Mayurbhanj district will now be known as *Maharaja Sriram Chandra Bhanja Deo University*. Recently, MSCB was accredited by National Assessment and Accreditation Council (NAAC) with an 'A' grade in third assessment cycle with a score of 3.1 out of 4 points.

Course Contents

- Floristic studies in India
- Plant Identification
- Herbarium techniques
- Botanical Nomenclature
- Taxonomic database and literature
- Quantitative assessment of tree diversity
- Threat assessment and Biodiversity Conservation
- Field visit to A. P. J. Abdul Kalam Biodiversity Park, MSCB University

About the Department

The Post-Graduate Department of Botany of MSCB University was established in the year 2004. The Department is bestowed with well-trained faculty having a broad-spectrum of research exposure and teaching experience. The Department has research collaboration with Universities like Utkal, Berhampur, Gauhati, Nottingham, Orissa University of Agriculture and Technology, RPRC, Bhubaneswar, CSIR-IMMT, Bhubaneswar and Indian Institute of Science, Bangalore. Faculty members are in the editorial boards of several Indian and foreign journals, and have received research projects from several funding agencies such as UGC, DBT, MoEF and Forest Department, Government of Odisha etc.

The major contribution of our department to MSCB University is the Botanic Garden which comprises a documented collection of living plants for the purpose of scientific research, conservation and for the shake of aesthetic value.

Eligibility:

The FDP is intended to teachers in Colleges and Universities of India. The minimum number of participants will be 40 and maximum will be decided depending upon the facility of our HRD Centre.

Certification:

Participation certificate will be issued to those participants who have 100% attendance.

Registration:

- No Registration fees
- Online registration is to be done on or before 18/05/2023

For Registration:

https://docs.google.com/forms/d/e/1FAIpQLSefywYjY7VHJzh8fdZM_q90oLc87V8oXrz85a5A2UApXs6pw/vi/ewform?usp=pp_url

*****Participants must submit their Relieve Order or No Objection Certificate duly signed from their competent authority on or before joining the FDP programme.**

Name of Resource Persons



Prof. P. C. Panda

SOA University, Bhubaneswar



Dr. N. K. Dhal

CSIR-IMMT, Bhubaneswar



Dr. S. S. Dash

Botanical Survey of India, Kolkata



Dr. Dinesh Agrawala

Botanical Survey of India, Kolkata



Dr. Gopal Krishna

Botanical Survey of India, Kolkata



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