

Memorandum of Understanding

(FOR SCIENTIFIC AND EDUCATIONAL COOPERATION)

Between



BERHAMPUR UNIVERSITY
BHANJA BIHAR, BERHAMPUR, GANJAM-760007, ODISHA,
INDIA

AND



भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA

BOTANICAL SURVEY OF INDIA, KOLKATA
BLOCK, SECTOR I, SALT LAKE CITY, KOLKATA - 700 064,
WEST BENGAL, INDIA

Dated: **August 21, 2024**

MoU: BSI-Kolkata AND Berhampur University, Odisha

1

x *Geetanjali Dash*

VICE CHANCELLOR
BERHAMPUR UNIVERSITY

निदेशक/Director

भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India
सी जी ओ कॉम्प्लेक्स, सॉल्ट लेक सिटी
CGO Complex, Salt Lake City

x *[Signature]*



भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA

**BOTANICAL SURVEY OF INDIA
KOLKATA**



**BERHAMPUR UNIVERSITY
BHANJABIHAR, BERHAMPUR**

MEMORANDUM OF UNDERSTANDING

(FOR SCIENTIFIC AND EDUCATIONAL CO-OPERATION)

This Memorandum of Understanding is made on this the 21st day of August, Two Thousand Twenty-Four (2024) A.D. at Bhanja Bihar, Berhampur University, Berhampur, Ganjam, Odisha.

BETWEEN

Berhampur University, Bhanja Bihar, Ganjam, Odisha, established on 2nd January 1967 by the Odisha Act 21 of 1966 as an affiliating University, having its office at Bhanja Bihar, Berhampur Dist: Ganjam, Odisha-760007, hereinafter identified and referred as "Berhampur University", duly represented through The Vice Chancellor, The Berhampur University, Odisha (which expression, unless repugnant and /or inconsistent to the context thereof, shall mean and include his successors in office and assigns) for **THE ONE PART.**

AND

The President of India, in exercise of the power vested upon him under article 299 of constitution of India, duly represented on his behalf through The Director, **Botanical Survey of India (BSI)** Kolkata having its head office at CGO Complex, 3rd MSO Building DF Block, Sector -1, Salt Lake City, Kolkata -700064, hereinafter identified and referred as "BSI" (which expression, unless repugnant and /or inconsistent to the context thereof shall mean and include his successor in office and assigns) for **THE OTHER PART.**

Whereas

Berhampur University and Botanical Survey of India (BSI), Ministry of Environment, Forest and Climate Change, Government of India have agreed that for encouragement and development of cooperation and exchange in areas of mutual academic interest, it is desirable to enhance research and educational processes at both the university/

MoU: BSI-Kolkata AND Berhampur University, Odisha

2

x *Geetanjali Dash* VICE CHANCELLOR
निदेशक/Director BERHAMPUR UNIVERSITY
भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India
सी जी ओ कॉम्प्लेक्स, सॉल्ट लेक सिटी
CGO Complex, Salt Lake City
कोलकाता/Kolkata-700064

x *[Signature]*

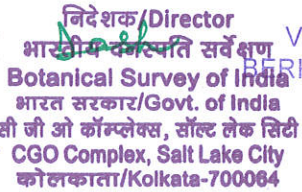
institution and to strengthen mutual understanding between their respective staff, research scholars and students and also to seek mutual support in planning and executing programs promoting excellence in respective areas of research and education, the 'Botanical Survey of India (BSI) and Berhampur University do hereby enter into this memorandum of Understanding for academic, educational, research cooperation and have set forth the following Articles on Mutual Agreement.

Article 1: Rational

The Berhampur University came into existence on 2nd January 1967 being inaugurated by Dr. A.N. Khosla, the then Governor of Orissa and the first Chancellor of the University. The University was later shifted to the present site known as Bhanja Bihar, named after the celebrated poet of Orissa Kabisamrat Upendra Bhanja. Spreading over an area of about two hundred fifty acres the university is 12 kilometres and five km away from the Berhampur City and Gopalpur-on Sea respectively. Berhampur University is a public university, Berhampur University is one of the oldest public universities of Odisha, established in 1967 as a non-profit public higher education institute located in the rural setting of city of Ganjam. The University is committed to develop itself as a value and a need-based quality education provider in the state of Odisha in general in South Odisha. Berhampur University has 28 departments including pharmacy offering multitude of basic and applied courses along with a well-established department of Biotechnology. Presently, the department runs Post-Graduate & Doctoral programs in all departments. The teaching and research faculties of the department have highly qualified professionals trained in specialized areas of Sciences, Humanities and managements. It is recognized by DBT, DST, UGC etc. It has two centre of excellence and one innovation-cum-incubation centre.

and

Whereas Botanical Survey of India (BSI) is the apex research organization under the Ministry of Environment, Forest and Climate Change (MoEF & CC), Government of India, New Delhi and is dedicated to undertake floristic and taxonomic studies on all plant groups (including algae and fungi), and conservation of the wild plant resources of the country through effective *ex-situ* and *in-situ* conservation. BSI with its headquarters at Kolkata, has a country-wide presence having 21 regional centres/units/botanic gardens spread throughout the phytogeographical regions of country. The organization is headed by the Director and the regional centres/ units are headed by the respective Heads of Office. The overall administration, research and management activities of the entire organization are controlled and monitored by the Directorate. The goals of BSI are (i) The inventory of plant, fungal and algal diversity of the country is complete by undertaking extensive floristic survey, (ii) The taxonomy and phylogeny of Indian flora are understood

x    

निदेशक/Director
भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India
सी जी ओ कॉम्प्लेक्स, सॉल्ट लेक सिटी
CGO Complex, Salt Lake City
कोलकाता/Kolkata-700064

VICE CHANCELLOR
BERHAMPUR UNIVERSITY

utilizing morphological, biochemical and molecular markers, (III) Morphological and biochemical traits of plant resources are analysed for realizing their economic potential, (iv) Ex situ conservation measures for threatened plants are taken up including development of regeneration protocols through seeds, in vitro culture, and cryopreservation, (v) Documentation and dissemination of information by publishing flora, facsimiles, and brochures and (vi) Development of web resources including virtual herbarium and e-flora.

The above goals of BSI have also direct relevance to the following goals of the ministry, i.e. 'Conservation of the country's natural resources including its lakes and rivers, its biodiversity, forests and wildlife and the prevention and abatement of pollution'

Article 2: Preamble

Botanical Survey of India, Kolkata and Berhampur University have realized the need for a close linkage between the National Scientific Institutes and the Universities in terms of research and academic activities for encouragement and development of cooperation and exchange in areas of mutual academic interest, it is desirable to enhance research and educational processes at both the universities/ institutions and to strengthen mutual understanding between their respective staff, research scholars and students and also to seek mutual support in planning and executing programs promoting excellence in respective areas of research and education. In compliance to this idea, both have decided to sign this Memorandum of Understanding (MOU) as per the following terms and conditions:

NOW THIS INDENTURE WITNESSETH AS FOLLOWS: -

Article 3: General

- Botanical Survey of India (BSI) including all its Regional Centres shall be a recognized Research Centre (Sister Institute) for undertaking Doctoral and Post Doctoral Programme by the Berhampur University.
- Scientists of Botanical Survey of India (BSI) including all its Regional Centres, units and Headquarters all over the country may participate in the teaching program in the Area of Plant Biosystematics, Botany, Ethnobotany, Plant Chemistry, Microbiology, Pharmacognosy, Forestry, Cryptogamic, and Environmental Sciences etc. of Berhampur University on request and subject to mutual conveniences of both the parties.
- The Berhampur University and Botanical Survey of India agree on their academic and educational needs like, exchange of Scholars and Scientific staff, exchange of Students, exchange of academic information and materials subjected to the provisions under the Biodiversity Act (2002) and or any other legal bindings by the Govt. of India.

MoU: BSI-Kolkata AND Berhampur University, Odisha

4

x *Geetanjali Dash*

VICE CHANCELLOR
BERHAMPUR UNIVERSITY

x *[Signature]*

भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India

- Botanical Survey of India (BSI), Scientists along with faculty members of Departments of Biotechnology, Botany, Chemistry, Microbiology, Biochemistry, Forestry, Pharmacy, Environmental Sciences, etc. of Berhampur University will work towards joint research projects thereby mutually using leading research facilities developed to be developed at Botanical Survey of India (BSI), and Berhampur University.
- The bonafide students and research scholars of both the organizations will have access to research facilities at Berhampur University and Botanical Survey of India during their course of work and research period for conducting field based or laboratory-based research.
- Berhampur University will recognize and accept Scientists Botanical Survey of India as Independent Supervisor for Ph.D. degree programme of Berhampur University. One faculty member of the concerned Department (if required) shall be Co-Supervisor with the student of Botanical Survey of India (BSI) registered with Berhampur University.
- The slots allotted to each of the Scientists of Botanical Survey of India will be regulated as Scientists B & C, (equivalent to Assistant Professor), Scientists D & E (equivalent to Associate Professor) and Scientists F & G (Equivalent to Professor).
- Board of studies, Berhampur University will give consent for Supervisor/Co-supervisor at Berhampur University for the students as applicable.
- The faculty and students of the above-mentioned departments of Berhampur University shall be allowed to avail the library facilities of Botanical Survey of India (BSI), with the prior permission of the Director /Library-in-charge, BSI. The Scientists and Ph.D. scholars of Botanical Survey of India (BSI), shall vice versa be given the library facilities at Berhampur University with prior permission of the competent authority concerned.
- The implementation of each exchange programme or joint project on this agreement shall be negotiated on a case-to-case basis and agreed upon in writing by both institutions.

Article 4: Area and Scope of Co-operation (Academic and Development Programmes):

- Berhampur University will recognize BSI as an accredited Centre for supervising, guiding and pursuing research, leading to Ph.D. degree in the field of Botany (Lower and higher groups of plants). BSI will conduct Ph.D. course work in its respective regional centre as prescribed by the Berhampur University.
- For the mutual benefit of the two institutions i.e. Botanical survey of India (BSI), and Berhampur University, there will be an exchange of Scientists of BSI and

x *Geetanjali Dash*

VICE CHANCELLOR
BERHAMPUR UNIVERSITY

x *[Signature]*
निदेशक/Director
भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India

faculty members of the above-mentioned Departments of Berhampur University on mutual convenient as and when required for research or academic work. Botanical Survey of India and Berhampur University scientists/faculty members will help each other in preparing the research programs.

- While registering the students of Botanical Survey of India (BSI) for the Ph. D. degree in Berhampur University, the ordinance relevant, related to Ph.D. degree of Berhampur University will be applicable. The students/researchers of Botanical Survey of India (BSI) shall be required to qualify the entrance examination for registration of Ph.D. as per the norms relevant of Berhampur University.
- Botanical Survey of India (BSI) and Berhampur University will work closely to generate appropriately trained manpower in the related areas through mutual organization of formal academic curricula, symposia, short term training courses etc.
- Students / researchers of Botanical Survey of India (All Regional Centres as well as Headquarters) need not have to attend the regular attendance and compulsory course of six months carried out in the Berhampur University from here onwards. Their attendance will be recorded in the concerned Regional Centre as well as well as Headquarters of BSI as is the current practice and the students / researchers have to produce one certificate to this effect to the University authorities issued from the respective regional offices of BSI. However, the Students / researchers have to clear the Ph. D. entrance and subsequent examinations conducted by the University in this regard.
- Botanical Survey of India (BSI), as a national level institution for plant exploration and conservation provides necessary relevant training facilities of methodology on field studies and plant specimen collection, scrutiny of literature on plant taxonomy, computation of field and herbarium data, etc, at par with the course work of 'Plant Survey, identification & Conservation (one semester training course) required as per UGC norms/ ordinances of Berhampur University. Hence, University students joining at Botanical Survey of India (BSI), will undertake the program to complete this course at Botanical Survey of India (BSI). A course completion certificate towards the fulfilment of the pre-Ph. D degree program will be issued by Berhampur University.
- Honorarium, TA/DA, etc. if applicable, can be provided to the faculty members/Scientists/ technical staff of Berhampur University and Botanical Survey of India (BSI), as per rule.
- This MoU does not imply any financial obligations or legal binding on either of the parties.

x

Geetanjali Dash

VICE CHANCELLOR
BERHAMPUK UNIVERSITY

x



निदेशक/Director
भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India

Article 5: Dispute Resolution Jurisdiction and Choice of Law:

- In the event of any dispute/s that may arise in connection with this MoU, the same shall be mutually settled by the Vice Chancellor, Berhampur University and the Director, Botanical Survey of India, Kolkata and if could not be settled by that, both the Vice Chancellor, Berhampur University and the Director, Botanical Survey of India, Kolkata shall appoint an arbitrator on mutual consent and the dispute to be solved by arbitration and such process of arbitration shall be guided by the provision of the **Arbitration and Conciliation Act 1996**.
- Botanical Survey of India (BSI) would have a liberty to refer, on certain policy related issues for the advice of the Ministry of Environment and Forest and Climate Change, Govt. of India, New Delhi and similarly the Berhampur University would seek the advice of its competent authority or the State Government, if required to bring a consensus of both the parties.
- All disputes relating to this MoU and its terms and conditions or claims arising therefrom will be subject exclusively to this jurisdiction of court / forums / tribunals at West Bengal only.

Article 6: Validity of MoU

- This MoU shall be valid for a period of 10 years (120 months) from the date of signing and execution of this Memorandum of Agreement. The duration may be extended with the consent of both the parties under mutually agreed terms and conditions.
- It is further agreed that the Vice-Chancellor, Berhampur University and Director, Botanical Survey of India (BSI), through periodic meetings will monitor the progress of this MoU. Any change/ modification/termination as introduced/ suggested by the Review Committee (comprising of Vice-Chancellor, Berhampur University and the Director, Botanical Survey of India (BSI) or their respective representatives, will be binding on both the organizations, but cannot be terminated unilaterally by either of the organization.

✓ *Geetanjali Dash* VICE CHANCELLOR
निदेशक/Director BERHAMPUR UNIVERSITY
भारतीय वनस्पति सर्वेक्षण
Botanical Survey of India
भारत सरकार/Govt. of India
सी जी ओ कॉम्प्लेक्स, सॉल्ट लेक सिटी
CGO Complex, Salt Lake City
कोलकाता/Kolkata-700064

✓ *Amio*

SEAL OF PARTIES

IN WITNESS WHERE OF the parties hereto have signed sealed and delivered this Memorandum of Understanding (MoU) on the Wednesday 21st, August 2024 as mentioned hereinbefore, in the presence of

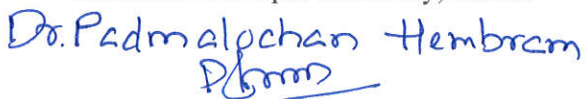
For and on behalf of Berhampur University	For and on behalf of the President of India
 Signature (Prof. Geetanjali Dash) Vice-Chancellor Berhampur University, Bhanja Bihar Berhampur, Odisha	 Signature भारतीय वनस्पति सर्वेक्षण Botanical Survey of India भारत सरकार/Govt. of India जी.पी.ओ. कॉम्प्लेक्स, साल्ट लेक सिटी CGO Complex, Salt Lake City कोलकाता/Kolkata-700084
 SIGNED SEALED AND DELIVERED BY THE FIRST PARTY AT BERHAMPUR, ODISHA In the presence of Witness:	 SIGNED SEALED AND DELIVERED BY THE SECOND PARTY AT BERHAMPUR, ODISHA In the presence of Witness:

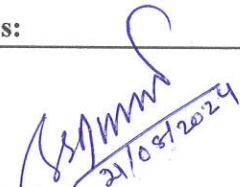

Signature
Name: **Dr. Laxmidhar Rout**
Designation: Joint Director, IQAC
Institute: Berhampur University, Berhampur

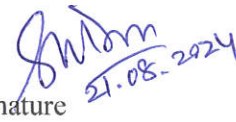
Dr. Laxmidhar Rout
Joint Director, IQAC Cell
Berhampur University


Signature

Name: **Dr. Mrutyunjay Jena**
Designation: Associate Professor
Institute: Berhampur University, Odisha


Signature


Signature
Name: **Dr. Sudhansu Sekhar Dash**
Designation: Scientist 'F'/Additional Director
Institute: Botanical Survey of India, Kolkata


Signature

Name: **Dr. Sudipta Kumar Das**
Designation: Scientist E
Institute: Botanical Survey of India,
Andaman & Nicobar Regional Centre, Port Blair

MoU: BSI-Kolkata AND Berhampur University, Odisha