



मणिपुर मणिपुर MANIPUR

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MEMORANDUM OF UNDERSTANDING

(For Scientific and research co-operation)

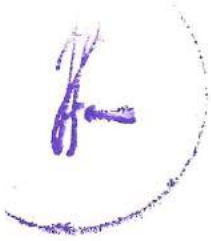
**This Memorandum of Understanding is made on the November 20th day
of Two Thousand Twenty (2020) A.D.**

BETWEEN

INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT

(IBSD), although registered in April, 2001, under the Manipur Societies Registration Act, 1989, the regular activity of the Institute could be started only with the appointment of its first Director on 18th January, 2003 to achieve its mission, goal and objectives, having its office at Institutional Area, Takyelpat, Imphal 795001, Manipur, North-East India hereinafter called the **"FIRST PARTY/IBSD"** (which expression shall unless it be repugnant to the context or meaning thereof, mean and include its successors in office and assigns) on the One Part;





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AND

The President of India, in exercise of the power vested upon him under article 299 of the 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

Institute of Bioresources and Sustainable Development (IBSD), Imphal 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/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 IBSD, Imphal 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

AND WHEREAS

Botanical Survey of India (BSI) is the apex research organization under the Ministry of Environment, Forests and Climate Change, Government of

India for carrying out taxonomic/floristic studies on wild plant resources of the country through survey documentation and conservation. It was established on 13th Feb 1890 with the basic objective to explore the plant resources of the country and to identify the plant species with economic virtues. The goals of BSI are: (i) to undertake intensive floristic surveys of different geographical regions of the country and collect accurate and detailed information on the occurrence, distribution, ecology and economic utility of plants in the country, (ii) to collect, identify and distribute materials which may be of use to educational and research institutions. And (iii) to act as custodian of authentic collections in well planned herbaria and to document the plant resources in the form of local, district, state and national flora. (iv) inventorying of endemic, rare and threatened plant species. (v) evolving conservation strategies, studies on fragile ecosystems and protected areas like Sanctuaries, National Parks and Biosphere Reserves. (vi) Conservation, multiplication and maintenance of germplasm of endemic and threatened species, wild ornamentals and other plant genetic resources, in botanic gardens and orchidaria and (vii) ethno-botanical and geo-botanical studies and development of national database on herbarium specimens and live plant collections, Plant genetic resources, plant distribution and nomenclature.

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 prevention and abatement of pollution.

ARTICLE-2: PREAMBLE

AND WHEREAS



Botanical Survey of India (BSI) Kolkata a premier plant research organization under Ministry of Environment , Forest and Climate Change, Govt. of India, New Delhi and IBSD, Imphal, Manipur 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 the scientific 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.

AND WHEREAS

The Institute of Bioresources and Sustainable Development (IBSD) Imphal a premier biotechnological research organisation under Ministry of Science and Technology, Department of Biotechnology, Govt. of India. IBSD has been working on various thrust areas in this context including the medicinal and aromatic plants, orchids and bamboo, ethnobiological studies, natural product chemistry, microbial diversity, fermented foods & gut microbiota, insect bio resources, plant bioresources, freshwater bio resources and aquaculture. Botanical Survey of India (BSI), Scientists along with faculty members of IBSD, Imphal will work towards joint research projects thereby mutually using leading research facilities developed/ to be developed at Botanical Survey of India (BSI), and IBSD, Imphal.

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

- Scientists of Botanical Survey of India (BSI) including all its Regional Centers, units and Headquarters all over the country may participate in the research program in the Area of Plant Biosystematics, Botany, Ethnobotany, Plant Chemistry, Microbiology, Pharmacognosy, Forestry, Cryptogamic, and Environment Sciences, etc. of IBSD, Imphal on request and subject to mutual conveniences of both the parties.
- The IBSD, Imphal 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 Biodiversity Act (2002) and or any other legal bindings by the Govt. of India.
- Botanical Survey of India (BSI), Scientists along with faculty members of IBSD, Imphal will work towards joint research projects thereby mutually using leading research facilities developed/ to be developed at Botanical Survey of India (BSI), and IBSD, Imphal.
- The bonafide students and research scholars of both the organization will have access to research facilities at IBSD, Imphal and Botanical Survey of India.
- IBSD, Imphal will recognize and accept Botanical Survey of India (BSI) scientists as Supervisor/co-supervisor for Ph.D.



degree program of IBSD, Imphal . One faculty member of the concerned Division shall be Supervisor with the students of Botanical Survey of India (BSI)

- The faculty and students of the above-mentioned divisions of IBSD, Imphal shall be allowed to avail the library 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 IBSD, Imphal 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)

- For the mutual benefit of the two institutions i.e. Botanical Survey of India (BSI) and IBSD, Imphal there will be an exchange of Scientists of BSI and faculty members of the above mentioned Divisions of IBSD, Imphal on mutual convenient as and when required for research or academic work. Botanical Survey of India (BSI) and IBSD, Imphal 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 IBSD, Imphal the ordinance relevant, related to Ph.D. degree 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 IBSD, Imphal.

- Botanical Survey of India (BSI) and IBSD, Imphal 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.
- Honorarium TA/DA etc. if applicable can be provided to the faculty members/Scientists/technical staff of IBSD, Imphal and Botanical Survey of India (BSI) as per rules.
- This MoU does not imply any financial obligations or legal binding on either of the parties.

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 Director, IBSD, Imphal and Director, Botanical Survey of India (BSI), Kolkata and if could not be settled by that, both the Director, IBSD, Imphal and Director, Botanical Survey of India (BSI), 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, Government of India, New Delhi and similarly the IBSD, Imphal 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 there from 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 Director, IBSD, Imphal and Director, Botany Survey of India (BSI), Kolkata through periodic meetings will monitor the progress of this MoU. Any change/modification/termination as introduced/suggested by the Review Committee (comprising of Director, IBSD, Imphal and Director, Botanical Survey of India (BSI), Kolkata or their respective representatives, will be binding on both the organizations, but cannot be terminated unilaterally by either of the organization.

SEAL OF PARTIES

IN WITNESS WHEREOF the parties hereto have signed sealed and delivered this Memorandum of Understanding (MoU) on the day, Month and year as mentioned hereinbefore, in the presence of :-



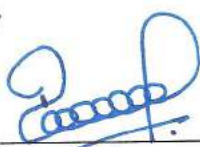
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For and on behalf of the
Institute of Bioresources and
Sustainable Development (IBSD)
Imphal, Manipur


Prof. Pulok K Mukherjee
Director, IBSD
20/11/2020

Prof. Pulok Kumar Mukherjee
PhD, FRSC, FNASc
Director
INSTITUTE OF BIORESOURCES AND
SUSTAINABLE DEVELOPMENT (IBSD)
जैव संसाधन एवं स्थायी विकास संस्थान
A National Institute under Department of Biotechnology
Ministry of Science and Technology, Govt. of India
Takyelpat, Imphal 795001, India


Witnessed by:

1. Signature: 

Name: Y. Rajashekar

Designation: Scientist-D

Affiliation: IBSD
Y. Rajashekar
Scientist-D
Institute of Bioresources &
Sustainable Development, Imphal
DBT, Govt. of India

2. Signature: 

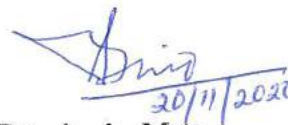
Name: Nanaochara Sharma

Designation: Scientist E

Affiliation: IBSD, Imphal.
Nanaochara Sharma PhD
Scientist E
Institute of Bioresources &
Sustainable Development (IBSD)
Imphal, Manipur
DBT, Govt. of India




For and on behalf of the
Botanical Survey of India (BSI),
Kolkata, West Bengal


Dr. A. A. Mao
Director, BSI
20/11/2020

डॉ. ए. ए. माओ Dr. A.A. Mao
वैज्ञानिक - जी Scientist - G
निदेशक Director
भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA

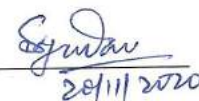
Witnessed by:

Signature: 

Name: DR. S. S. DASH

Designation: Scientist E
प्रभारी वैज्ञानिक ई / Scientist-E, Incharge

Affiliation: प्रकाशन अनुभाग / Publication Section
भारतीय वनस्पति सर्वेक्षण / Botanical Survey of India
सी.जी.ओ. कम्प्लेक्स, साल्ट लेक सिटी
CGO Complex, Salt Lake City
कोलकाता-७०० ०६४ / Kolkata-700 064

Signature: 

Name: DR. S. K. YADAV

Designation: BOTANIST

Affiliation

डॉ. एस. के. यादव/Dr. S.K. Yadav
वनस्पतिज्ञ/Botanist
भारतीय वनस्पति सर्वेक्षण/Botanical Survey of India
मुख्यालय/Headquarters
कोलकाता-७०० ०६४/Kolkata-700 064