



उत्तर प्रदेश UTTAR PRADESH

EH 127555

### MEMORANDUM OF UNDERSTANDING

(For scientific and educational co-operation)

This Memorandum of Understanding is made on this the 29<sup>th</sup> day of August, Two Thousand Eighteen (2018) A.D. at Gorakhpur.

#### BETWEEN

The Deen Dayal Upadhyay (DDU), Gorakhpur University, Gorakhpur, Uttar Pradesh, established in 1956 by an act passed by Uttar Pradesh State legislator, having its office at Civil Lines, Gorakhpur, Uttar Pradesh -273009, hereinafter identified and referred as "DDU Gorakhpur University", duly represented through The Vice Chancellor, The Deen Dayal Upadhyay (DDU), Gorakhpur University, Gorakhpur, Uttar Pradesh, (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, 3<sup>rd</sup> MSO Building, 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

Deen Dayal Upadhyay (DDU), Gorakhpur University, Gorakhpur 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 DDU Gorakhpur 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

### 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 13<sup>th</sup> February, 1890 with the basic objective to explore the plant resources of the country and to identify the plants 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 the 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 Deen Dayal Upadhyay (DDU), Gorakhpur University, Gorakhpur 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

- Scientists of Botanical Survey of India (BSI) including all its Regional Centers, 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 DDU Gorakhpur University on request and subject to mutual conveniences of both the parties.

- The DDU Gorakhpur 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.

- Botanical Survey of India (BSI), Scientists along with faculty members of Departments of Biotechnology, Botany, Chemistry, Microbiology, Biochemistry, Forestry, Pharmacy, Environmental Sciences, etc. of DDU Gorakhpur University will work towards joint research projects thereby mutually using leading research facilities developed/ to be developed at Botanical Survey of India (BSI), and DDU Gorakhpur University.

- The bona fide students and research scholars of both the organizations will have access to research facilities at DDU Gorakhpur University and Botanical Survey of India.

- DDU Gorakhpur University will recognize and accept Botanical Survey of India [BSI] scientists as Supervisor for Ph.D. degree programme of DDU Gorakhpur University. One faculty member of the concerned Department shall be Co-Supervisor with the student of Botanical Survey of India (BSI) registered with DDU Gorakhpur University.

- Board of studies, DDU Gorakhpur University will give consent for Supervisor/Co-Supervisor at DDU for the students as applicable.

- The faculty and students of the above mentioned departments of DDU Gorakhpur 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 DDU Gorakhpur 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):**

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

- Botanical Survey of India (BSI) and DDU Gorakhpur 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.

- 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 DDU, Gorakhpur University from here onwards. Their attendance will be recorded in the concerned Regional Centre of BSI, as is the current practice and the researchers have to produce one certificate to this effect to the University authorities issued from the respective regional offices of BSI. However, the 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 DDU Gorakhpur University, Gorakhpur. 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 fulfillment of the pre-Ph. D degree program will be issued by DDU Gorakhpur University.

- Honorarium, TA/DA, etc. if applicable, can be provided to the faculty members/ Scientists/ technical staff of DDU Gorakhpur 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.

**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, DDU, Gorakhpur University, Gorakhpur and Director, Botanical Survey of India, Kolkata and if could not be settled by that, both the Vice Chancellor, Gorakhpur University, Gorakhpur and 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 & Forest and Climate Change, Govt. of India, New Delhi and similarly the DDU Gorakhpur 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-8: 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, DDU Gorakhpur 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, DDU Gorakhpur 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.


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 : -

For and On behalf of The President of India:

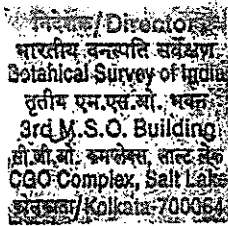
For and on behalf of DDU Gorakhpur University

Signature:



(Dr. Paramjit Singh)  
Director,  
Botanical Survey of India, Kolkata

Seal:



Signature



Vice-Chancellor  
(Prof. V.K. Singh) D.D.U. Gorakhpur University  
Vice Chancellor, Gorakhpur (U.P.) 273009  
Deen Dayal Upadhyay (DDU)  
Gorakhpur University, Gorakhpur  
Seal:

Witnesses: (Name & Address)

Witnesses: (Name & Address)

Signature:



वैज्ञानिक एफ/Scientist-F  
भारतीय वनस्पति सर्वेक्षण/Botanical Survey of India  
सी.जी.ओ. कम्प्लेक्स, साल्ट लेक सिटी  
CGO Complex, Salt Lake City  
कोलकाता-700 064/Kolkata-700 064  
1. Dr. B.K. Sinha  
Additional Director,  
BSI, Kolkata

Signature:

Registrar  
D.D.U. Gorakhpur University  
Gorakhpur

1. Dr. Amarendra Kumar Singh,  
Registrar,  
D.D.U. Gorakhpur University,  
Gorakhpur

Signature:



2. Dr. A.A. Mao,  
Additional Director,  
BSI, Kolkata

Signature:



2. Prof. V.N. Pandey  
Head, Department of Botany,  
D.D.U. Gorakhpur University,  
Gorakhpur

वैज्ञानिक एफ/Scientist-F  
भारतीय वनस्पति सर्वेक्षण/Botanical Survey of India  
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Head  
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D.D.U. Gorakhpur University  
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