MEMORUNDUM OF UNDERSTANDING BETWEEN UNIVERSITY OF LUCKNOW, LUCKNOW, INDIA AND NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

Based on the principles of equality, reciprocity, and mutual benefit, the <u>University of Lucknow</u>, <u>Lucknow</u> and <u>National Botanical Research Institute</u>, <u>Lucknow</u> hereby agree to explore the following avenues of educational exchange:

- I. Arranging for student and faculty exchanges;
- II. Planning joint summer projects that involve academic programs of practical value for postgraduate/ doctoral students;
- III. Offering specially designed programs of study;
- IV. Promoting and encouraging joint research projects and other scholarly and instructional cooperation between academic units;
- V. Exchanging invitations for visiting faculty/ scholars;
- VI. Pursuing other mutually advantageous undertakings.

Prior to implementation of any of the above-mentioned items, details shall be negotiated and agreed upon by both institutions.

Except in noting the existence of this Educational Partnership Agreement, no use of the name, symbols, signs or trade-marks of one university shall be used by the other.

This agreement shall become effective on the date of its signing and continue thereafter for two years subject to revision or modification by mutual agreement and unless terminated by either of the parties hereto. Termination by one institution shall be effected by giving the other institution at least ninety (90) days advance written notice of its intention to terminate, but any student who have commenced at either university at the date of termination may complete their courses of study. Termination shall be without penalty.

Both the University/ Institute agree to the above in principle, subject to the completion of such other formalities required by the university bodies including the approval of the competent Authority.

DR^{*}8. B. NIMSE Vice Chancellor University of Lucknow, Lucknow

DR. C.S. NAUTIYAL Director National Botanical Research Institute, Lucknow

Date: 29 7/14

Date: February 20, 2014



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Memorandum of Understanding Between CSIR-National Botanical Research Institute, Lucknew 2

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University of Lucknow, Lucknow

CSIR-NBRI

THIS MOU made and entered on this 8th day of December 2020 between the COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, a Society registered under the Societies Registration Act (XXI of 1860) and having its office at Abusandhan Bhavan, 2, Rafi Marg, NEW DELHI-110001 (hereinafter referred to as CSIR) through CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow - 226 001 (hereinatter called "CSIR-NBRI" which expression shall where the content so admits include its successors and permitted assigns) of the one part.

AND University of Lucknow, Lucknow including its successors, assignees and legal representatives (hereafter to be known as the UoL) of the other part.



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CSIR - NBRI, Lucknow and University of Lucknow, Lucknow have realized the need for a close linkage between the National Laboratories and the Universities in terms of research and academic activities. In compliance to this idea, both have decided to sign a Memorandum of Understanding (MoU) as per the following terms and conditions:

- Research students working at CSIR-NBRI may register for Ph.D. degree to be awarded by University of Lucknow, Lucknow. For research students, Supervisor/Co-supervisor may be from CSIR-NBRI and Co-Supervisor/Supervisor may be from UoL, as the case may be. A list of scientists and their CV will be provided by the Director, CSIR-NBRI to obtain a formal approval from the appropriate academic body of the University of Lucknow, Lucknow.
- 2. The students working at CSIR-NBRI registered for Ph.D. at University of Lucknow (UoL) will undergo the coursework as the other students and will fulfil all requirements as laid down by the University and UGC, regarding it.
- 3. Under the joint project(s) of CSIR-NBRI and UoL, Lucknow, M.Sc./M.Phil./JRF/SRF/Ph.D candidates/Faculty of University of Lucknow, Lucknow would be able to carry out a part of their research work at CSIR-NBRI, and, JRF/SRF/PAs/Ph.D scholars/scientists at the level of C and above working in CSIR-NBRI would be able to carry out a part of research in University of Lucknow, Lucknow. Both the parties shall make available necessary laboratory facilities and testing of samples (*in vivo/in vitro/in silico*) for the purpose. The testing of samples will be on payment basis as prescribed by the competent authority of respective organisation.
- 4. CSIR-NBRI will be pleased to provide short term non residential training to Post Graduate students, researchers and faculty members (if so desired) of the University of Lucknow, in their areas of specialization on request subject to availability of laboratory space. The students of M.Sc./M.Tech., researchers and faculty members, who will undergo training, will have to deposit training fee as per the norms of CSIR-NBRI. The fees for any such training or dissertation will be borne by the concerned PG students, researchers and faculty members of UoL from their own resources. There will be no financial liability of UoL in this regard. The University of Lucknow shall also reciprocate similar arrangements.
- 5. University of Lucknow and CSIR-NBRI may apply for collaborative projects jointly to national and international funding agencies and intellectual property rights on the outcome of research work will be equally shared by both institutions. The proposed research work should be related with the mandate of UoL and CSIR-NBRI and will be of high translational value. Joint research proposals will clearly define roles of the two organizations based on respective capacities. The proposal will be sent only after due approval of relevant authorities of UoL and CSIR-NBRI.

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- The scientists/faculty of University of Lucknow and CSIR-NBRI may be included as resource persons for delivering lectures on specialized topics in different academic/scientific programmes.
- Faculty from University of Lucknow will actively contribute in the progression of research work of the candidates carried out under joint supervision and outcome of the investigation may be published with due credit to supervisor/co-supervisor and researchers involved from both collaborators.
- 8. There will be a steering committee comprising of 4 members; two each from CSIR-NBRI and University of Lucknow. The committee will monitor progress of academic collaboration under this MoU.
- 9. All the rules laid down for applicants of the Ph.D program of University of Lucknow will also apply on students, scientists and technical staff of CSIR-NBRI willing to enrol in the Ph.D programme.
- 10. No amendments or modifications of this MoU shall be valid unless they are made in writing by both the Parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications/changes shall be effective from the date on which they are made or executed unless otherwise agreed to.
- 11. This MoU is not intended to constitute, create, give effect to, or otherwise recognize a joint venture, partnership, or formal business organization of any kind, and the rights and obligations of the Parties shall be only those expressly set forth herein. Nothing in this MoU shall be construed to grant either Party the right to make commitments of any kind for or on behalf of the other without the other's prior written consent. If any dispute arises it shall be referred to Director, CSIR-NBRI, Lucknow AND Vice-Chancellor, UoL, Lucknow and shall be resolved amicably between the parties.
- 12. The above MoU will be effective for five years from date of signing by both the parties. The MoU shall be periodically reviewed in a joint meeting to assess the progress and also to identify new areas for collaboration.
- 13. This Memorandum of Understanding reflects the respective institutions' commitments to terms and conditions mentioned in the MoU. This MoU shall be amended or terminated at any time by either party provided that notice of termination or amendment is provided by the notifying party to the other party within thirty (30) days of the date on which the termination or the amendment is intended to become effective. Any amendment or termination shall not have effect on any arrangement in place at the time that the notice is provided, where the arrangement arises from any Supplementary Agreements resulting from this Memorandum of Understanding. Upon termination, the provisions of this MoU and corresponding program, Agreements shall continue to apply to ongoing activities until each is complete, up to a maximum of one (01) year from the effective date of termination.

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This MoU is signed between CSIR-NBRI, Lucknow and University of Lucknow, Lucknow on 08.12.2020.

For and on behalf of CSIR-NBRI, Lucknow

Prof. S. K. Barik प्रोफेसर एस॰ वे॰ वारिक Director, CSIR+NBRIor S. K. Barik निदेशक / Director Lucknowप०-राष्ट्रीय वनस्पति अनुसंधान संस्थान CSIR-National Botanical Research Institute लखनऊ Lucknow

In the presence of नियंत्र Controller of Administration Controller of Administration वै.औ.अ.प.--राष्ट्रीय वनस्पत्ति अनुसंधा क्रिसियान् ucknow CSIR-National Botanical Research Institute Rana Pratap Marg, Lucknow For and on behalf of University of Lucknow, Lucknow

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Prof. Alok Kumar Rai Vice Chancellor University of Lucknow, Lucknow

Vice-Chancellor Lucknow University

In the presence of Registrar University of Lucknow, Lucknow

REGISTRAR Lucknow University LUCKNOW