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MEMORANDUM OF UNDERSTANDING

BETWEEN

**CSIR-NATIONAL ENVIRONMENTAL ENGINEERING
RESEARCH INSTITUTE, NAGPUR**

AND

**MADAN MOHA MALAVIYA UNIVERSITY OF
TECHNOLOGY, GORAKHPUR**

TO PROMOTE ACADEMIC AND RESEARCH CO-OPERATION



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This Memorandum of Understanding entered into on the **12th** day of **April, 2018**

between

Council of Scientific and Industrial Research (CSIR), a society registered under the Societies Registration Act XXI of 1860, having its registered office at Anusandhan Bhawan, 2 Rafi Marg, New Delhi 110 001, through Director, **CSIR-National Environmental Engineering Research Institute**, a constituent unit of CSIR having its office and laboratory at Nehru Marg, Nagpur – 440 020, India (hereinafter called as 'CSIR-NEERI' which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the one part
And

Madan Mohan Malaviya University of Technology, Gorakhpur(MMMUT), has been established in year 2013 by the Government of Uttar Pradesh in the form of a non-affiliating, teaching and research University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962 having office at Deoria Road, Gorakhpur-273010 (U.P.) – India (herein after referred to as MMMUT, which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the other part
part desiring to promote academic and research co-operation between the two institutes.


1. Objectives

CSIR-NEERI and MMMUT, Gorakhpur will undertake joint research work in the areas of mutual interest.

- i. The concerned scientists of CSIR-NEERI and corresponding faculty member of MMMUT, Gorakhpur will formulate research projects and Human Resource Development plans for joint work with due approval of both the institutions.
- ii. Training programme for faculty, staff, students and technical personnel within the areas of co-operation will be undertaken at the two institutions.
- iii. Joint sponsored and consultancy projects with both long term and short term goals could be undertaken, keeping in view the interests and philosophies of the respective institutions.

2. Exchange / Deputation of Staff

Both CSIR-NEERI and MMMUT, Gorakhpur jointly agree :

- i. To exchange faculty/technical personnel on part-time basis for a limited period at a time for the purpose of implementation of joint tasks within the areas of co-operation. The terms and conditions for such exchange programme shall be governed by a project specific agreement. The faculty / technical personnel members on such deputation shall be deemed to be on duty with the parent organization for the said period.
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- ii. The faculty/staff/research fellows registered for Ph.D. degree may visit the other institution for a short period in connection with their research work under joint collaborative programmes. The cost of the work will be borne by the respective institutes. They shall be deemed to be on duty with the parent organization for the said period.
- iii. That the faculty/technical personnel deputed for training shall be deemed to be on duty with the parent organization for the period of training. The TA/DA will be borne by the parent organization/institution.
- iv. That the faculty/technical personnel will be encouraged to deliver lectures/invited talks at the other institution. The TA/DA and the honorarium for the lectures shall be borne by the host institution.

3. Joint Conference/Workshop/Courses

- i. Both the institutes agree to hold/conduct, whenever feasible, joint Workshops, Conferences, Training Courses within the areas of co-operation.
- ii. The host institution shall provide accommodation to the participating members from the visiting institute wherever feasible at special minimum rates as applicable to research and academic institutions.

4. Sharing of Facilities

- i. The two institutes agree to share their respective important R&D facilities in order to promote academic and research in the areas of co-operation to intensify the high priority area programme of science and technology.
- ii. The tow institutes agree to exchange software, other materials and components developed in-house in the areas of co-operation if advisable within the framed rules governing the two institutes **and / or by a project specific agreement** and maintain secrecy and confidentiality.
- iii. Access to laboratory , library and other supporting facilities for jointly supervised M.Tech./Ph.D. Students (in the areas of mutual interest) and a limited number of already registered M.Tech./Ph.D. students generally stationed at MMMUT, Gorakhpur and CSIR-NEERI will be provided by both Institutes.

5. Project Work of Students

A total of maximum 5 (five) selected students out of M.Tech. in the respective areas of specialization of environmental science/engineering will be allowed for project work at CSIR-NEERI depending upon the availability of bench space. The students will work in the areas of mutually agreeable subject areas identified by both the institutes (details are given in item no. 7).

6. Ph.D. Registration

- i. CSIR-NEERI will be recognized as research center of MMMUT, Gorakhpur in mutually agreed area programmes.
- ii. Four to five staff members/Research fellows/scholars of CSIR-NEERI at any given time may be registered for the Ph.D. programmes at MMMUT, Gorakhpur. There shall be provision for submission of Ph.D. Thesis for such scholars/fellows registered with MMMUT under the joint-supervision of faculty of MMMUT and Scientist(s) of CSIR-NEERI.

7. Areas of Co-operation


- i. The areas of co-operation will be defined and modified from time to time by the co-ordination committee set up for the purpose and will generally encompass the areas of engineering and applied sciences related to Environmental Science and Environmental Engineering.
- ii. Director CSIR-NEERI or his nominee(s) shall be the Coordinator from CSIR-NEERI for each identified areas of co-operation. The CSIR-NEERI may nominate more than one Coordinator, if needed.
- iii. The Coordinator from MMMUT shall be Dean, Research/Industrial Liaison or a person nominated by the University. MMMUT may nominate more than one Coordinator, if needed.

8. Co-operation Committee

The following will constitute the Coordination Committee to monitor and review the collaborative programme between the two institutions :

- a) Director, CSIR-NEERI and / or his nominee(s)
- b) Vice Chancellor, MMMUT and / or his nominee(s)
- c) Scientists of the concerned department(s) from both the Institutions to be invited whenever needed.

The Co-ordination Committee shall :

- a. Review the progress of the identified programmes (at least once a year).
 - b. Consider the new R&D proposals for joint collaboration and implementation on case to case basis including IPR and financial arrangements.
 - c. Consider the addition/deletion of areas of co-operation between the two Institutions during review.
 - d. Consider the continuance of the MoU.
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9. Publications and Patents

- i. All publications in the programmes of co-operation will be co-authored by the concerned staff/Research Fellow and faculty of CSIR-NEERI and faculty of MMMUT, Gorakhpur. The Coordination Committee shall review the patentability aspect of the research work and direct whether a patent or a publication be made.
- ii. CSIR-NEERI and MMMUT will be joint holders of the intellectual property Right (IRP) / Patent flowing out of joint work. The decisions on ownership, licensing, costs, royalties, etc. shall be discussed and made by Co-ordination Committee and the Coordination Committee recommendations shall be processed in accordance with the framework of IP guidelines and rules governed by individual party at CSIR-NEER and MMUT. These decisions shall be prescribed and detailed in individual project/activity specific agreements that will follow under this MoU.

10. Non Disclosure

In Case of joint research and consultancy projects taken up by CSIR-NEERI and MMMUT, no party will disclose any investigation to media/any unauthorized person from each institute in any form whether electronic/print without mutual consent and approval by Coordination Committee.


11. Validity Period

- i. The MOU shall be valid for a period of three years from the date of signing.
- ii. At the end of validity period of the MOU, a fresh MOU with similar/modified terms may be considered for signing.

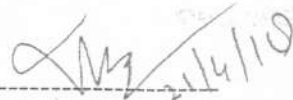
In witness whereof, the two parties have signed this memorandum of understanding by both the parties on date, month and year referred above.

For CSIR-NEERI

FOR MMMUT



 (Authorized signatory)



 (Authorized signatory)

वैज्ञानिक एवं प्रमुख/Scientist & Head
बी.डी.जी./B.D.G.

Dean Planning

मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय
गोरखपुर-273010 (उ.प्र.)


सीएसआईआर-राष्ट्रीय पर्यावरण अभियांत्रिकी अनुसंधान संस्थान(नोरी)
CSIR-National Environmental Engineering Research Institute(NEERI)
नेहरु मार्ग, नागपुर-440020 /Nehru Marg, Nagpur-440020

Witness

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Witness

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