




महाराष्ट्र MAHARASHTRA $\frac{93628}{25712000}$ 300/- CK 976195

कुलसचिव, संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती.
ह. रुजय टोरे. सन.


रमेश रा. कालमेढ
पुत्रांक वि. वि. कॅम्प अप
ला. न. ७ / १९९४



MEMORANDUM OF UNDERSTANDING

BETWEEN

NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE,
NAGPUR

AND

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

TO PROMOTE ACADEMIC AND RESEARCH CO-OPERATION

This Memorandum of Understanding entered into on the 18th day of January 2010 between National Environmental Engineering Research Institute, Nagpur (herein after referred to as NEERI), a constituent Laboratory of Council of Scientific and Industrial Research (CSIR), New Delhi and Sant Gadge Baba Amravati University (herein after referred to as SGBAU) desiring to promote academic and research co-operation between the two institutes.

1. Objectives

NEERI and SGBAU will undertake joint research work in the areas of mutual interest.

- * The concerned scientists of NEERI and corresponding faculty members of SGBAU will formulate research projects and Human Resource Development plans for joint work with due approval of both the institutions.
- * Training programme for faculty, staff, students and technical personnel within the areas of co-operation will be undertaken at the two institutions.
- * 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 NEERI and SGBAU jointly agree:

- * To exchange faculty/technical personnel on part-time basis for a limited period not exceeding one year 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.
- * That the faculty/staff and 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.
- * 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.
- * 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

- * Both the institutes agree to hold/conduct, whenever feasible, joint Workshops, Conferences, Training Courses within the areas of co-operation.

- * The host institution shall provide accommodation to the participating members from the visiting institutes wherever feasible at special minimum rates applicable to research and academic institutions.

4. Sharing of Facilities

- * The two institutes agree to share their respective important R & D facilities in order to promote academic and research in the areas of cooperation to intensify the high priority area programme of science and technology.

- * The two 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.

- * Access to laboratory, library and other supporting facilities for jointly supervised M.Sc/Ph.D. Students (in the areas of mutual interest) and a limited number of already registered M.Sc/Ph.D. students generally stationed at SGBAU and NEERI will be provided by both Institutes.

5. Project Work of Students

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

6. Ph.D. Registration

- * NEERI will be recognized as research center of SGBAU in mutually agreed area programmes.

- * Four to five staff members /Research fellows of NEERI at any given time may be registered for the Ph.D. programmes at SGBAU. There shall be provision for submission of Ph.D. thesis for scholars/fellows registered with SGBAU under the joint-supervision of faculty of SGBAU and Scientist(s) of NEERI.

7. Areas of Co-operation

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 in Biotechnology, Biosciences, Chemistry, Physics, Electronics, Toxicogenomics, Environmental Sciences etc.



Director NEERI or his nominee(s) shall be the Coordinator from NEERI for each identified area of cooperation. The NEERI may nominate more than one Coordinator, if needed.

The Coordinator from SGBAU shall be Vice Chancellor or a person nominated by the Vice Chancellor. The Vice Chancellor may nominate more than one Coordinator, if needed.

8 Co-ordination Committee

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

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

The Co-ordination Committee shall:

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

9. Publications and Patents

*All publications in the programmes of co-operation will be co-authored by the concerned staff/Research Fellow and faculty of NEERI and faculty of SGBAU. The Coordination Committee shall review the patentability aspect of the research work and direct whether a patent or a publication be made.

*NEERI & SGBAU will be joint holders of the intellectual property Right(IPR) / Patents 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 NEERI/CSIR and SGBAU. These decisions shall be prespecified and detailed in individual project/activity specific agreements that will follow under this MoU.

10. Non Disclosures

*In case of joint research and consultancy projects taken up by NEERI and SGBAU, no party will disclose any investigation to media/any unauthorized person from each institutes in any form whether electronic/print without mutual consent and approval by coordination committee.

11. Validity Period

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

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

(Dinesh Kumar Joshi)
Registrar
Sant Gadge Baba Amravati University
Amravati - 444602

(Dr. T. Chakrabarti)
Director
National Environmental Engineering
Research Institute
Nagpur - 440 020

Witnesses:

1.
(Name & Signature)

2.
(Name & Signature)

Witnesses:

1. P. S. Dutt
(Name & Signature)
P. S. DUTT, SCIENTIST & HEAD, BDU, NEERI

2.
(Name & Signature)
Sushant D. Nath Scientist, BDU, NEERI

Dated: 18/1/2010