

Memorandum of Understanding (MoU)

between

**Central Ground Water Board, Department of Water
Resources, River Development and Ganga
Rejuvenation, Ministry of Jal Shakti, Government of
India**

and

**Department of Geology, M. G. Science Institute
(Autonomous), Ahmedabad.**



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called the MoU) is entered into on this 06th day of December two thousand twenty-four by and between the Regional Director, Central Ground Water Board (CGWB) (herein after called the "CGWB") on the **ONE PART**.

AND

The Mafatlal Gagalbhai Science Institute (M. G. Science Institute) affiliated to the Gujarat University, established under The Ahmedabad Education Society (AES) and acting through its Principal (herein after called the "M. G. Science Institute" which expression shall mean and include its successors in interests and assigns) on the **OTHER PART**.

1.0 Preamble:

- 1.1 Central Ground Water Board, Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Government of India, is having mandate to develop and disseminate technologies, and monitor and implement national policies for the Scientific and Sustainable development and management of India's Ground Water Resources, including their exploration, assessment, conservation, augmentation, protection from pollution and distribution, based on principles of economic and ecological efficiency and equity.
- 1.2 M. G. Science Institute has been a temple of learning for more than seven decades. Established in 1946, the Institute is affiliated to the Gujarat University and has a grant-in-aid status from the Government of Gujarat. It has carved its path to eminence through sheer dynamism and dedication of its founder fathers and educators. M. G. Science Institute is a leading institute offering Undergraduate and postgraduate degree courses in various disciplines of science. There are 10 subjects taught at Under Graduate level and 2 subjects (Geology and Chemistry) at Post Graduate level. Ph.D. program is also going on in Geology, Chemistry and Statistics. All the faculties of the Geology department are recognized Ph.D. guide of the Gujarat University and a total of 16 students have been awarded with Ph.D. degree.

2.0 Scope and objectives:

- 2.1 CGWB an apex organization, under Department of Water Resources River Development & Ganga Rejuvenation , Ministry of Jalshakti is involved in the activities regarding groundwater development & management. This platform can be used for further research and pursuance of higher degrees. Therefore, CGWB encourages students under New Education Policy 2023 to pursue industrial training and research leading to various degrees viz. B.Sc., M.Sc., M.Tech., Ph.D. and D.Sc., on a topic relevant to its groundwater activities. This MoU would help students to get involved for skill development as envisaged in NEP-2023.
- 2.2 CGWB has professional experience in the field of Geology and Groundwater management which can be shared with the students of the M. G. Science Institute in the form of lectures, providing internship, dissertation and hands on training aimed at optimum utilization of resources available with CGWB.
- 2.3 Similarly, the M. G. Science Institute offering multidisciplinary expertise and experience in various subjects of the science like Geology, Chemistry, Biochemistry, Microbiology, Statistics, Physics, Mathematics, Zoology and Botany. Geology department has successfully completed research projects with GMDC for hydrogeological studies of various mining projects like Umarsar, Amod and Tadkeshwar along with Geological mapping and rapid reserve assessment for Bauxite in Jamnagar, Porbandar, Amreli and Junagadh district.



Geology department has also provided its expertise in various field of the earth science to the organization like ISRO, DST, MoES, UGC, GIPCL, GEER foundation, ARPU-Planning Commission and GUJCOST.

2.4 Realizing the above objectives, the Parties hereto have agreed to create a long term partnership in Research, Education and Training including undertaking of collaborative Research in the areas of mutual interest through the respective institutions according to the broad framework set forth in this Memorandum of Understanding to facilitate advancement of knowledge on the basis of reciprocity based efforts, mutual benefits and regular interactions and monitoring in the following modes of collaboration, within the framework of the rules and regulations of the respective Parties to this MoU:

- (a) exchange of information on Research, Teaching, learning materials and other literature relevant to the educational and Research programme envisaged under this MoU such as earth sciences, groundwater exploration, management etc.
- (b) joint proposals and engagement in research or training programme while extending invitations to each other's personnel/faculty to participate there in,
- (c) providing opportunities for the personnel of both the Parties and the students to use to the maximum expertise and facilities available in both the Organizations through training and through exchange of thoughts and research results, academic research and training materials, etc.; and
- (d) sharing experience and expertise of both the Parties for mutual benefits.

3.0 Duration of MoU, Extension and Termination:

- 3.1 This MoU shall be valid for a period of 5 (five) years from the date of its signing.
- 3.2. This MoU may be extended for a further period of up to 5 years by mutual consent which will be in writing.
- 3.3. This MoU may be terminated by either Party by giving a written notice of not less than 3 months prior to the desired termination date to the other Party by mutual consent. However, both Parties agree that notwithstanding the termination, all continuing obligations to students, scholars, staff / personnel of both Parties, funding bodies or other entities under this MoU shall be met in full, subsequent to the notice of termination.
- 3.4 The termination of this MoU shall not affect the rights or obligations of either party regarding any binding offer or firm obligation approved and agreed to by the Parties prior to the notice of termination.
- 3.5 The termination of this MoU shall not invalidate any of the actions taken by either Party in good faith under the force of this MoU prior to such notice of termination.

4.0 Amendment/Modification:

No amendment to, or modification of, this MoU may be made except by written mutual consent between the Parties.

5.0 Duties and Responsibilities of CGWB:

- 5.1 CGWB will permit the exchange of resource personnel between CGWB and the M. G. Science Institute for Specialized Lectures and practical demonstration. CGWB will offer services to the M. G. Science Institute without any honorarium or compensation of any kind, on mutual understanding basis.
- 5.2 CGWB will invite teachers and students from the M. G. Science Institute for participation in various Seminars / Symposia / Workshops organized by CGWB, Ahmedabad.



5.4 CGWB will facilitate participation of students at the M. G. Science Institute to pursue skill development and their project work in their laboratory/field areas ranging from one month to two months duration. A certificate of participation will be issued to such students.

5.5 CGWB will support for quality research by providing research supervisor on the areas of their interest. Such research supervisors identified by CGWB shall be acceptable and binding on the M. G. Science Institute.

6.0 Duties and Responsibilities of the M. G. Science Institute:

6.1 The M. G. Science Institute will permit the exchange of resource personnel between CGWB and the M. G. Science Institute for specialized lectures and practical demonstration. The M. G. Science Institute will offer services to CGWB without any honorarium or compensation of any kind on mutual understanding basis.

6.2 The M. G. Science Institute will recognize CGWB as a Research Centre to pursue research leading to M.Sc./Ph.D./D.Sc. The CGWB scientists who prefer to pursue research in the M. G. Science Institute will be given relaxation, as may be possible, from the mandatory presence as prescribed by the M. G. Science Institute. Such scholars will be permitted to utilize laboratory facilities, library and online resources of the M. G. Science Institute.

6.3 The M. G. Science Institute personnel shall comply with all the requirements, rules and regulations of CGWB including safety, health, security, access and operational practices, when they are in CGWB complexes.

6.4 The M. G. Science Institute shall not use CGWB name, logo, etc., for the purpose of publicity through any public media like press, radio, television, internet etc. without the prior written permission from CGWB authorities.

7.0 Financial and other Obligations:

7.1 This MoU does not commit any specific financial obligation or liability on either Party. Each Party shall be responsible for its own costs in connection with all matters relating to the collaborations under this MoU except to the extent specifically mentioned in this MoU. All the expenses on implementation of the programme under this MoU incurred/to be incurred by the Parties such as travel expenses, personal expenses per day, expenses on accommodation, health etc. shall be borne by the respective Party. However, in case of invited lectures, all such expenses of the invitee shall be borne by the inviting host party. In case of external funding of any programme, under this MoU, is considered necessary, either Party, by mutual consultation, may explore the same.

7.2 Nothing in this MoU constitutes or shall construe a Party as the partner, agent, employee or representative of the other Party. A Party to this MoU must not act independently of the other Party and does not have the right or power to commit the other Party on any matter or to incur any obligation on behalf or pledge the credit of, the other Party without the prior written approval of the other Party.

8.0 Confidentiality and Non-Disclosure of Information:

8.1 The Parties to this MoU agree that in general, there is no intention to share any confidential information or proprietary information in any collaboration under this MoU. At the same time, all information and documents to be exchanged pursuant to this MoU will be kept confidential by the parties and will be used subject to such terms as each party may specify. The parties will not use the information for purpose other than that specified without the prior written consent of the other party.

8.2 It is further agreed that in the event of any need to share or disclose any such information for the purpose of implementation of the programme under this MoU, all such information



shall remain the exclusive property of the disclosing party. The parties agree that this agreement and the disclosure of the Confidential Information do not grant or imply any license, interest or right to the Recipient in respect of any intellectual property right of the other party.

- 8.3 Unpublished information, whether oral, in writing or otherwise, discovered or conceived by the scientists or technicians and exchanged under the provision of this MoU will not be transmitted to any third party, unless otherwise agreed to by the parties in writing and unless due approval of the competent authority in CGWB is specifically conveyed in writing.
- 8.4 The provisions of this clause shall continue to be in force even after expiry or termination of this MoU, except to the extent of information as may be brought in the public domain by way of lawful publication of research results, etc.
- 8.5 Any contravention of the "Official Secrets" under Section 5 of the Official Secrets Act, 1923 and rules made thereunder by the students / scholars and employees of the Parties or by any contractor, sub-contractor, consultant, advisor or the employees of the contractor/Agency will invite penal consequences under the aforesaid legislations. This clause shall also *mutatis mutandis* apply to the scholars, students, contractors, sub-contractors, consultants, advisors etc. of the M.G. Science Institute and the M.G. Science Institute shall be vicariously liable for any breach of this condition by any of these functionaries, in addition to these functionaries being individually liable for such breach.

9.0 Indemnification in case of Liabilities:


In case of any accidental death or injury or loss, including loss of property, of any kind to the students/scholars/employees of each Party or to any other person engaged by either Party for the purposes of this MoU while in the premises of the other Party / or during joint field traverses, neither Party nor its employees shall have any liability to the other Party or towards such students/scholars/employees. Each party hereby indemnify the other in this regard.

10.0 Co-ordination and Monitoring:

Both CGWB and the M.G. Science Institute will nominate and designate one person each from the respective Party who will be responsible for the co-ordination and implementation of this MoU. A joint committee comprising two members from each Party and the coordinators so nominated shall monitor the academic benefits to both the institutions and progress of the achievements during the implementation of this MoU and shall recommend the further course of action from time to time.


06/12/2014
DR. RATIKANTA NAYAK
(REGIONAL DIRECTOR)

CENTRAL GROUND WATER BOARD
WEST CENTRAL REGION, AHMEDABAD


Dr. J. J. VORA
(PROFESSOR & PRINCIPAL)

M. G. SCIENCE INSTITUTE