



MEMORANDUM OF UNDERSTANDING

For

Collaboration for Academic and R&D in the area of Earth System Sciences

Between

**UNIVERSITY OF ALLAHABAD
ALLAHABAD, UP- 211002, INDIA**

And

**INDIA METEOROLOGICAL DEPARTMENT
MINISTRY OF EARTH SCIENCES
Government of India
Mausam Bhavan, Lodi Road, New Delhi-110003**

2015

1. Preamble

India Meteorological Department (IMD), Ministry of Earth Sciences, Government of India is the National Meteorological Service of the country and the principal Government agency in all matters relating to Meteorology, Seismology and allied discipline and provides weather and climate services to the public and specialized sectors. It also undertakes real-time weather/climate modeling and research

The University of Allahabad is one of the leading and oldest universities of India. It is a renowned for high quality research in multi-disciplinary research including earth/atmosphere/ocean science in addition to academic activities.

In the pursuit of excellence in research, scholarship and dissemination of knowledge in the field of Earth System Sciences & to generate reciprocal benefits within a framework of openness, fairness, equity, and quality enhancement that will serve both the partners –University of Allahabad, Allahabad and India Meteorological Department (IMD) herein after called UoA and IMD, respectively, sign a Memorandum of Understanding (MoU) for Academic and Research Collaboration.

2. Parties of the MoU

- 2.1 University of Allahabad, Allahabad, UP- 211002, (India)
- 2.2 India Meteorological Department, Ministry of Earth Sciences, Mausam Bhavan, Lodi Road, New Delhi-110003 (India).

3. Aim of the MoU

The aim of this MoU is to provide a framework for active cooperation on the research, development and academic activities of the two institutions. The MoU aims to strengthen the mutual understanding in the area of earth system sciences and allied fields and promote productive research collaboration on sustainable basis.

4. Scope of the MoU

In pursuit of the aim of the MoU, the Parties hereby agree to undertake, to promote within the framework of the provisions of the respective act/statutes/regulations applying in each of the institutions, and subject to the availability of resources the following activities:

- 4.1 Joint research work and supervision
- 4.2 Joint organizations of seminar/conferences/workshops
- 4.3 Exchange of relevant information and joint publications
- 4.4 Scientists, Research Associates and Research fellows (JRF/SRF) (regular/contractual) from the IMD engaged in research may be considered for registration for Ph. D Degree under the joint supervision by guides from the UoA and IMD. The Ph. D candidates and scientists working fulltime at ESSO-IMD will also be able to get supervision from the

IMD scientists on mutual consent and resource availability. UoA may consider waving pre-Ph. D course requirements of registered Ph. D Candidates from the IMD after confirming that the courses taken at the IMD are fulfilling the University criteria. The continuation of the Ph. D Registration of the IMD candidates will be subject to satisfactory progress monitored by a six-monthly review by a joint committee comprising members from IMD and UoA. The Ph. D Registration of contract scientific personnel from the IMD will not automatically guarantee continued financial remuneration of the candidates from IMD or UoA. The IMD candidate has also to satisfy 'IMD satisfactory work progress criteria' as reviewed by the IMD from time-to-time.

4.5 Other such activities as may be mutually agreed upon.

5. Confidentiality

Both parties acknowledge that any information disclosed by or on behalf of any of the parties which is not in the public domain is confidential and may not be used or disclosed to any other party (whether before or after the termination of this MoU for any reason whatsoever save as may be strictly necessary for the due and effectual rendering of the services. Any scientific data exchanged/shared between the parties for joint research/supervision will not be transferred to third party without consent of the parties.

6. Intellectual property

It is the intention of the institutions that any and all research derived from the collaborative efforts of the two parties will be the joint property of both the parties, proportionate to the parties' respective contributions.

7. Settlement of Disputes

Each Party shall consult with the other as soon as possible on any matter that may affect the proper implementation of the Memorandum of Understanding. Any dispute regarding interpretation or implementation of this Memorandum of Understanding or its associated Implementing Agreements or Arrangements will be resolved through mutual discussion between the Parties.

8. Entry into Force and Term

The MoU will come into effect from the date of signature by both the parties and will remain in force for an initial period of five years. It may be amended/extended on mutual consent of both the parties. It may be terminated at any time by either Party upon ninety days written notice to the other Party.

Unless otherwise agreed, termination or expiration of the Memorandum of Understanding shall not affect the validity or duration of projects or programs under this Memorandum of Understanding that have been initiated prior to such termination.

9. Review and Monitoring Mechanism

- i. The working level contacts for both the institutions will submit their annual progress report to the respective internal review committee pertaining to IMD & UoA.
- ii. The IMD & UoA Joint Committee will periodically review this collaboration at least once a year to determine whether it should be amended, renewed, or cancelled and suggest on any directional change if required.

11. General considerations

- 11.1 The joint research supervision leading to the award of the Doctor of Philosophy Degree of the University of Allahabad shall be implemented as per the provisions of the Ordinances LV and LVI of the University of Allahabad.
- 11.2 The expenses shall be borne by the respective institutions.
- 11.3 In the event of contravention/non compliance of any of the conditions of MoU, either party can terminate the MoU, provided a written notice is given to the other party in advance.
- 11.4 The MoU is essentially a cooperative/partnership venture; therefore, any matter not covered specifically under this MoU may be settled by mutual discussion. On issues where disagreement persists, the matter may be jointly referred to the Vice Chancellor of the University of Allahabad and Director General of the India Meteorological Department whose collective decision shall be final and binding on both the parties.
- 11.5 This MoU does not constitute a legal or contractual obligation on the part of either party. It reflects an arrangement that is currently satisfactory to the parties involved. The parties agree to negotiate amendments to this memorandum as needed to meet the evolving requirements.

12. Signatories

Signed at Allahabad on this..... day of.....2015

[Signature]
REGISTRAR

University of Allahabad
Allahabad

..... Dated.....

Witness 1: *[Signature]*
08/08/15

Prof. J. N. Tripathi, Head
Dept. of Earth & Planetary
Sci., Univ. of Allahabad
Dr. Suneet Dwivedi, KBCAOS, AU, Allahabad

Witness 2: *[Signature]*
08/08/15

Signed at New Delhi this..... day of2015

[Signature]
Date.....
(DR S. D. ATTRI)

Witness 1: *[Signature]*
(Dr. K. K. Singh)
20.7.15 Agreement, 1985

Witness 2: *[Signature]*
(A. K. Baxla)
Agreement, IMD

डॉ. एस. डी. अत्री
Dr. S. D. ATTRI
मौसम विज्ञान के उपमहानिदेशक (अंतराष्ट्रीय)
Dy. Director General of Meteorology (International)
भारत मौसम विज्ञान विभाग
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