

MEMORANDUM OF UNDERSTANDING

Between



INDIA METEOROLOGICAL
DEPARTMENT, NEW DELHI

And



DECCAN EDUCATION SOCIETY'S,
FERGUSSON COLLEGE
(AUTONOMOUS), PUNE

On

Collaboration for Co-operation and Research

This Memorandum of Understanding (MoU) is entered into on/01/.....2023

1, Preamble

India Meteorological Department hereafter referred to as the **IMD**, is the National Meteorological Service provider of the Ministry of Earth Sciences of the Government of India and the principle agency responsible for meteorological observations & weather forecasting. Its' HQ is in Delhi and operates thousands of observation stations across India and Antarctica will be represented by its Pune Office through "Office of the Head, Climate Research and Services, IMD, Shivajinagar, Pune-411005" hereafter referred to as **First Party** (which expression unless repugnant to the context shall include its representatives, successors and assignees)

Fergusson College is an autonomous college under Savitribai Phule Pune University, Ganeshkhind, Pune, and one of the premier institutions offering variety of academic programs in faculty of Arts and Science. The College is recognized by University Grants Commission (UGC) under 2F and 12(B). It also has received recognition as 'College with Excellence' from UGC, Special heritage Status from UGC and also recognized under Department of Biotechnology- STAR College Scheme. The College designs its own curriculum and assessment methods. The College is also funded by Department of Science and Technology under FIST Scheme. The College engaged in imparting higher education by offering various academic programs in faculty of Arts and Science will be represented through the Principal hereinafter referred to as **Second Party** (which expression unless repugnant to the context shall include its representatives, successors and assignees).

IMD and Fergusson College (Autonomous) hereinafter collectively will be called as **the Parties**.

WHEREAS the Fergusson College (Autonomous) and IMD agree to carry out collaborative research program.

AND WHEREAS the collaborative program will be carried out with the Department of Environmental Science, Electronic Science, Geography, Geology and Physics and other

related Departments of Fergusson College (Autonomous) and IMD to conduct joint collaborative research work, teaching, outreach and related work of mutual interest.

AS WHEREAS this collaboration will also involve interaction between the scientists and meteorologists of IMD and Fergusson college faculty.

AGREED COLLABORATION BY AND BETWEEN THE PARTIES IS AS UNDER:

1. SCOPE AND OBJECTIVE OF CO-OPERATION:

The basic concept of the collaboration is to explore the scientific expertise of the IMD in the human resource development and for guidance for undergraduate and post-graduate projects and further collaboration, for PhD work of Fergusson College PhD candidates. Collaboration in the areas of public outreach activity and for extra credit courses in atmospheric science and climatology is also proposed.

2. ROLE AND RESPONSIBILITIES OF IMD:

IMD shall,

- i) Head (CR & S), Pune to serve as the coordinator for the collaboration;
- ii) To provide the services of its Scientists in guiding students to pursue Ph.D. in Signing Departments as joint Supervisors.
- iii) To provide the services of its scientists / meteorologists for teaching the extra credit courses.
- iv) To nominate its employees / trainees nominated for the above said courses every year. Nominations will be decided based on circulation process within IMD from its employees / volunteers in consultation with the coordination committee.
- v) To assist Fergusson college to prepare the syllabi for the extra credit courses in Atmospheric Science/ Meteorology, Climatology and Hydrology.
- vi) To assist Fergusson College by conducting practical training and in Atmospheric Science/ Meteorology at IMD on request from Fergusson College.
- vii) To assist Fergusson College for projects of undergraduate and post-graduate students.

- viii) To assist Fergusson college in conducting workshops in related fields to train students.
- ix) IMD may include one/ two nominees from Fergusson College in the national and international training programs, workshops, symposia and forums organized by IMD .

3. **ROLE AND RESPOINSIBILITIES of Fergusson College:**

Fergusson College shall:

- (i) Approve the syllabus for extra credit courses / Certificate courses.
- (ii) Monitor the quality of the said courses and their certification;
- (iii) The names of Fergusson College and IMD will appear on the certificates of the said courses.
- (iv) Send students to various schools /colleges for outreach activity under extra credit course.
- (v) Arrange exhibitions (annual) for public awareness regarding current weather, climate, climate change and scope of atmospheric sciences.
- (vi) Fergusson College may include one/ two nominees from IMD in the national and international training programs, workshops, symposia and forums organized by Fergusson College.

4. **JOINT RESPONSIBILITIES:**

- i) University Grants Commission (Minimum Standards and Procedure for Award of M.Phil. / Ph.D. Degrees) Regulations, 2016 adopted by Fergusson College shall be strictly followed by Fergusson College and IMD.
- ii) To promote Meteorology and Climate science and as a part of scientific outreach/ extension program IMD will provide the set up a surface observatory including basic conventional surface instruments including wind, temperature, rainfall and automatic rain gauge in the Fergusson College campus at any suitable surface area decided by IMD free of cost. Fergusson College will provide all the necessary requirement and space for the civil / electrical works pertaining to the installation/ foundation of weather instruments. These observations may be included as practical for students in the syllabi. The guidance for installation, post installation and periodic maintenance of instruments will be will be provided by IMD.

- iii) IMD and FC will share their halls, auditorium, Amphi theatre and other facilities for the workshops/ seminars/ special lectures / scientific programs and exhibitions of mutual interest. on free of cost.

5. CORDINATION COMMITTEE:

- i) There will be Coordination Committee consisting of the following members namely: -
- a) Principal Fergusson College (Autonomous).
 - b) Head of the Climate Research and Services, India Meteorological Department, Pune.
 - c) One member nominated by the Head, Climate Research and Services, India Meteorological Department, Pune
 - d) One Coordinator nominated by the Head, Meteorological Training Center (MTI), IMD, Pune
 - e) Two Members nominated by Principal, Fergusson College, Pune.
 - f) One Member from the Teaching Committee of the Department.
- The quorum for the meeting will be three members.
- g) There shall be at least one meeting of the Coordination Committee may be held half yearly
- ii) The committee shall perform the following functions namely:-
- a) To monitor and supervise the activities to be carried out under this MoU.
 - b) Such other functions as may be assigned by the principal of the College or the Head, Climate Research and Services of IMD as related to the MoU.

6. FINANCIAL ARRANGEMENTS: There is no financial arrangement / obligation from both the parties i.e. Fergusson College and IMD in the implementation of this MoU.

7. EFFECTIVE DATE AND DURATION OF MoU:

This MoU shall be effective from the date it is signed by the parties. The duration of the MoU will be initially for a period of Five (5) years from the effective date, unless or otherwise terminated earlier, as per Clause 8.

8. TERMINATION OF MoU:

This MoU can be terminated with the mutual consent of all the parties hereto or by the either party, giving a prior notice of not less than a year of its intention to do so. In the event of the termination, all the parties shall take the appropriate decision in the interest of the students pursuing the extra credits course/ projects and PhD course work under this MoU.

9. AMENDMENT TO MoU

No amendment to this MoU shall be valid unless the same is made in writing jointly by both the parties and their authorized representatives and specifically stating the same to be an amendment to this MoU.

10. SETTLEMENT OF DISPUTES

This MoU and all disputes and claims arising out of or in connection with, shall be governed by the laws of the India. The Parties irrevocably and unconditionally agree that any dispute or claim resulting out of or related to this MoU shall be finally resolved through mutual discussion between the Head, CRS Pune on behalf of First Party and the Principal, Fergusson College, Pune on behalf of second Party.

IN WITNESS WHEREOF the Parties hereto have signed this Memorandum of Understanding at Pune onth day January month 2023 year.

For and on behalf of

India Meteorological Department

Office of DGM/Head CRS
India Meteorological Department

फ. एस. होसालिकर

K.S. Hosalikar

प्रमुख-जलवायु अनुसंधान एवं सेवाएं
Head - Climate Research & Services
भारत मौसम विज्ञान विभाग, पुणे-5
India Meteorological Department Pune-5
Witnesses:

1.

2.

3.

4.

For and on behalf of

Fergusson College (Autonomous)

Principal
Fergusson College (Autonomous)

Dr. Ravindrasing Pardeshi
Principal
Fergusson College (Autonomous), Pune

