

Memorandum of Understanding

Between

Institute of Science, Aurangabad



And



**Swami Ramanand Teerth Marathwada
University, Nanded, Maharashtra, India**

MEMORANDUM OF UNDERSTANDING

**This Memorandum of Understanding (MoU)
is entered into on
Tuesday the 27th January, 2011.**

BY AND BETWEEN

**Institute of Science, Aurangabad.
Affiliated to Dr. B.A.M. University, Aurangabad
Represented by**

**The Director,
Having its office at Aurangabad.
(Hereinafter referred to as "Institute")**

AND

**School of Earth Sciences
Swami Ramanand Teerth Marathwada University,
Nanded -431606, Maharashtra, India,
Represented by**

**The Director
Having its office at SRTM University, Vishnupuri, Nanded,
Maharashtra
(Hereinafter referred to as the 'SES')**

1. Preamble

It is the need of the hour to work in collaborations to achieve and maintain the Education and Research standards in any institute. The individual academicians from University campus schools and constituent Institute should join their hands in academics and research. This helps to increase the academic standards, student quality. This also helps in tackling particularly the local problems and work together for the sustainable development of the area.

School of Earth Sciences, Swami Ramanand Teerth Marathwada University (SRTM University), Nanded.

SRTM University is engaged in conducting teaching, research and training leading to the award of Post Graduate and Doctoral Degrees in the faculties of Science, technology, Engineering, Informatics, Law and Management. In University the geo scientific work is being carried out in the School of Earth Sciences. This school already signed MOU with reputed CSIR laboratory, SES, Hyderabad and some industries. Now this school is going ahead to sign MoUs with some of the colleges and other Universities also.

The School of Earth sciences, under the faculty of science, SRTM University established in the year 1995 under the Govt of Maharashtra act. At present the school is engaged in conducting teaching, research and training leading to the award of Post Graduate and Doctoral Degrees in the Earth Sciences (Geology, Geophysics, Geography and Environmental Technology). The faculty of the school is having expertise in Geological mapping, geophysical exploration, geochemical modeling, Geographical information systems, Environmental aspects such as pollution assessment, control technologies, land use planning, sustainable development etc. The school equipped with geophysical and geochemical instrumentation, surveying equipment, environmental monitoring infrastructure to cater the training needs of the students of the University in geo-scientific surveying and analysis. The school also possesses the software for gravity magnetic analysis, seismic data analysis, groundwater modeling along with data presentation and computational software and GIS packages like IDRISI.

About Institute:

The institute of Science was established in 1974, in the purview of development of Marathwada region. Institute of science is the post graduate teaching and research institute funded by Govt. of Maharashtra, situated in 25 acres of picturesque campus in the foothills of Aurangabad Caves. The Institute has unique department such as Geology, Botany, Microbiology, Biophysics and Biotechnology. The Institute has the Post graduate and research facility in the Marathwada region. Geology department is one of the leading departments of the institute started in 1984.

Department of Geology:

Post graduate Department of Geology, Institute of Science, and Caves Road, Aurangabad is one of the oldest, leading and well established department in Maharashtra offering M.Sc degree in Geology. This department is being run by the Govt. of Maharashtra. The department is situated at the foot hills of Hanuman Tekdi and Aurangabad Caves hills. It is adjacent to the Aurangabad University. The department is located in the pollution free campus of the Institute of Science of Government of Maharashtra.

The faculty of the Department of Geology is having expertise in Geological mapping, geophysical exploration, geochemical modeling, Geographical information systems, Environmental aspects such as pollution assessment, control technologies, land use planning, sustainable development etc. The department equipped with geophysical and geochemical instrumentation, surveying equipment, environmental monitoring infrastructure to cater the training needs of the students of the department in geo-scientific surveying and analysis

Laboratory and library:

Department have a well established museum enriched with rock, fossil and mineral samples, laboratories are well equipped with petrological microscope, polarizing microscope, remote sensing equipments like mirror stereoscopes, pocket stereoscopes, satellite imageries, aerial photographs, instruments for aquatic geochemistry includes Atomic Absorption Spectroscopy, UV spectrophotometer, and other instruments like magnetometer, water level recorder, resistivity meter, high volume air sampler. Department is having a computer lab for students. In addition to the central library of Institute the department is having its own library facility for benefit of the students.

Research

Department has completed two research projects of DST and UGC, Two DST and one UGC major project is going on. Department has research publications in good and impact factor international and national journals like

journals of geology, Precambrian Research, International journal of Earth Science, Mineralogy Petrology, GeoBios, Geological Society of India, Paleontology Society of India, Gondwana Geological Society Bio-Infolet, Bionano Frontier, Journal of Aquatic Biology, Journal of Mining Engineering, International Journal Environment and Chemistry etc.

2. Collaboration:

SES and Institute have mutually agreed to collaborate with each other in the following areas.

- Teaching, Research and Training in selected and advanced thrust areas of S & T, with special reference to Earth Sciences;
- Intellectual Property Rights;
- Consultancy work;
- University- College Joint Research Programmes funded from outside agencies viz., DST, DBT, CSIR etc;
- Student training programs, Dissertation work etc
- Laboratory analysis
- Joint field work, student training programs etc.
- Any other areas of mutual interest.

The available facilities and manpower of SES and Institute will be utilized with mutual consent and subject to the feasibility. Both parties agreed to enter into a collaborative understanding on the terms and conditions enumerated in this MoU.

3. Terms of collaboration:

- a) SES and Institute of Science agree to enter into detailed agreements on case-to-case basis, with a defined objective, specifying the scope of work and mutual obligations, terms and conditions, financial arrangements, Intellectual Property Rights and similar contractual obligations.
- b) The Institute agrees to obtain prior permission from SES to state in any project proposal that the project would be carried out by using the SES infrastructural or intellectual facilities.
- c) The SES similarly agrees to obtain prior permission from the Institute to state in any project proposal that the

project would be carried out by using the Institute infrastructural or intellectual facilities.

Either party while according permission may designate an authority in its own institute who can accord permission and monitor the project.

d) In case either party wins a consultancy project by projecting this MOU, a liability is created immediately in respect of royalty/premium due to either party. Either party shall concur with the liability to the extent of contribution to the output of the project. Both the parties will arrive at the exact amount of liability after mutual consent.

4. Disclaimer:

This MoU is not intended by SES and the Institute to constitute, create, give effect to, or otherwise recognize a joint venture, agency, partnership, or formal business organization of any kind. Each party hereto shall act as an independent entity and neither shall act as an agent of either organization for other purposes. Neither party has the authority to bind the other party.

5. Non-exclusivity:

The agreement reflected by the provisions of this MoU is non-exclusive in nature and both the parties can enter into cooperative arrangements with other parties to suit their organizational needs.

6. Confidentiality:

The parties understand that in the course of their association, they shall have access to confidential information provided by the other party. Accordingly, the parties agree that such information shall be maintained in the strictest confidence and trust, except such information which is by its nature, not confidential or which is in the public domain or which the party comes to know about other than through violation of any law of legal obligation, provided that such party may be entitled to disclose such information if legally required to be disclosed to a competent authority. Failure to maintain confidentiality shall entitle the affected party to terminate the MoU.

7. Validity:

This MoU would remain valid for a period of Five years from the date it is signed by the parties and is renewable on mutual consent for such further period as agreed upon.

8. Term and Review:

The MoU shall be reviewed at the end of one year from the date of signing of this MoU.

Either party can terminate the MoU after giving one month's notice to the other party subject to fulfillment of commitments already agreed upon.

9. Ammendments:

This MoU constitutes the entire understanding between the parties hereto. Except as otherwise provided herein, no addition, amendment to or modification of this MoU shall be effected unless it is in writing and signed by and on behalf of both parties by their respective authorized signatories.

10. Any dispute

Any dispute arising out of this MoU will be settled by mutual negotiations between the two parties.

In witness whereof each of the parties has caused this MoU to be executed in two originals, one has been retained by SES and the other by the University, on this day the *Thursday the 27th January, 2011*



This *Memorandum of Understanding (MoU)*
is Entered between School of Earth Sciences (SES), SRTM University
Institute of Science, Aurangabad.

On
Thursday the 27th January, 2011

Banerha
Director
School of Earth Sciences
SRTM University, Nanded

Prakash
Registrar
SRTM University
Nanded

Srinivas
Head
Department of Geology
Institute of Science, Aurangabad

Dr. S.M.Deshpande
Head, PG Dept. of Geology
Institute of Science
(Govt. Of Maharashtra)
Aurangabad (M.S.), India

(For and on behalf of SES)

Ujwal
Director
Institute of Science,
Aurangabad

Director
Institute of Science
Aurangabad.



Approved By

ASZ
Vice-Chancellor
SRTM University
Nanded 431 606
Maharashtra