



**Memorandum of Understanding between
Haryana Space Applications Centre (HARSAC), Hisar and
Guru Jambheshwar University of Science and Technology, Hisar
for starting M.Tech. Geo-informatics course**



1. THE MEMORANDUM OF UNDERSTANDING

1.1 THE MOU made and entered into on this 11th day of August, Two Thousand and Nine between **Haryana Space Applications Centre, Hisar** (hereinafter called the HARSAC) which expression shall, where the context so admits, include its successors and permitted assigns and options of the one part.

And

1.2 **Guru Jambheshwar University of Science & Technology, Hisar** (hereinafter called the GJUS&T) which expression shall, where the context so admits, include its successors and permitted assigns and options of the other part.

2. PREAMBLE

WHEREAS HARSAC is an autonomous institute of the Department of Science and Technology, Haryana and promoted by ISRO, Department of Space, Government of India. HARSAC has the expertise and infrastructure facilities related to remote sensing and GIS. It has undertaken a number of prestigious projects related to mapping, monitoring and management of natural resources, environment and infrastructure. It is a nodal agency of Haryana Government for all geo-informatics related activities.

AND WHEREAS GJUS&T was established by an act of the Legislature of the State of Haryana with the objectives to facilitate and promote studies and research in the emerging areas of higher education with focus on new frontiers of technology. The National Assessment and Accreditation Council (NAAC) has accredited this University at “A” level among the Universities in the country on the basis of various criteria including curricular aspects, teaching, learning, research, consultancy, infrastructure, learning resources, students support, organization and management.

Realizing that collaboration between HARSAC and GJUS&T would considerably leverage technical abilities of both and enable a framework for professional education and research programs in Geo-informatics, both HARSAC and GJUS&T have agreed to enter into a Memorandum of Understanding for collaboratively conducting M.Tech. Geo-Informatics course.

3. SCOPE OF MOU

This MOU details the modalities and the terms and conditions for conducting M.Tech. Geo-informatics collaboratively by HARSAC and GJUS&T, the rights and obligations of either PARTY thereto and other arrangements between the parties.

The MOU shall come into force from date of signing of this agreement i.e 11.08.2009 (hereinafter called the EFFECTIVE DATE) and will be reviewed after five years.

4. TERMS AND CONDITIONS

- i. M.Tech in Geo-informatics will be started collaboratively by HARSAC and GJUS&T from the academic session 2009-2010 under self-financing scheme. Department of Environmental Science and Engineering will be the nodal department for conducting the course from of GJUS&T side.
- ii. The course would be run in a modular form with the provision to award Post-Graduate Diploma in Geo-informatics on successful completion of one year study and M.Tech in Geo-informatics on successful completion of two years study.
- iii. Necessary approval from Department of Technical Education, Haryana and All Indian Council for Technical Education (AICTE) for conducting the course, wherever required, would be sought by GJUS&T.
- iv. GJUS&T would include the course in its prospectus, give adequate publicity through advertisements and invite applications from the prospective candidates.
- v. The admissions to the course would be done jointly by GJUS&T and HARSAC through an entrance test and counseling.
- vi. The students admitted in this program will be governed by the rules and regulations of the University, as applicable to the regular students. They will be entitled for hostel accommodation, library facility and other facilities on the campus on the same pattern as other regular students in the University.
- vii. The classes and practicals for the course shall be held at HARSAC, Hisar. The faculty of Department of Environmental Science and Engineering and other relevant Departments of GJUS&T would help HARSAC in teaching the courses, wherever relevant expertise is available.
- viii. In the second year of M.Tech. programme, the dissertation work of the students shall be carried out under the joint supervision of the faculty from the Department of Environmental Science and Engineering and HARSAC.
- ix. Fees as decided by HARSAC and GJUS&T will be payable by the selected students. The sharing of fee between HARSAC and GJUS&T shall be in the ratio of 2:1. The fee includes all type of charges, excluding hostel charges.
- x. Both HARSAC and GJUS&T will be involved in curriculum development, conduct of lectures/ practical/ field work, examination and evaluation, project guidance and other aspects of the program in conformity with the rules and regulations of GJUS&T.
- xi. Conduct of practical and theory examinations, declaration of result and award of degrees would be done by GJUS&T.
- xii. The degree awarded by GJUS&T would prominently carry the name of HARSAC also.

- xiii. Chief Scientist, HARSAC and Chairman, Environmental Science and Engineering, GJUS&T will work out all the details towards curriculum development and detailed modalities for conducting the course.
- xiv. The Department of Environmental Science & Engineering will invite one member from HARSAC in Board of Studies (BOS) as a special invitee, whenever there is an agenda item relating to this course.

5. TERMINATION OF MOU

This MOU may be terminated by either of the parties forthwith if the other party commits breach of the MOU within ninety days of the notice in this behalf having been served on it by the other party.

In addition, this MOU may be terminated forthwith if both the parties voluntarily agree to do so.

6. AMENDMENTS TO THE MOU

No amendment or modifications of this MOU shall be valid unless the same is made in writing by both the parties or their authorized representative and specifically stating the same to be an amendment of this agreement. The modifications/changes shall be effective from the date on which they are made/ executed, unless otherwise agreed to.

SEAL OF PARTIES

In witness where of the parties here to have signed this MOU on the date mentioned here in before.

(S. S. Prasad, I.A.S.)
Financial Commissioner and Principal Secretary
Department of Science and Technology, Haryana
Chairman, HARSAC

(Lt. Gen D.D.S. Sandhu)
Vice-Chancellor
Guru Jambheshwar University of
Science and Technology

Counter Signed by witnesses:-

1) Signature: _____
Name :
Address :

1) Signature: _____
Name : Prof. R. S. Jaglan
Address : Registrar
Guru Jambheshwar University of
Science and Technology, Hisar-125001

2) Signature: _____
Name :
Address :

2) Signature: _____
Name : Prof. Narsi R. Bishnoi
Address : Dean & Chairman
Faculty of Non Conventional Sources of
Energy & Environmental Sciences,
GJUS &T, Hisar-125001