

MoU

MEMORANDUM OF UNDERSTANDING

Between



NORTH EASTERN SPACE APPLICATIONS CENTRE (NESAC)
DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

&



[Handwritten Signature]
Registrar
University of Science & Technology,
Meghalaya

UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA
(USTM)

Date : 27TH APRIL 2015

Venue : NESAC, UMIAM, MEGHALAYA



MEMORANDUM OF UNDERSTANDING

BETWEEN

UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA (USTM)

AND

NORTH EASTERN SPACE APPLICATIONS CENTRE (NESAC)

DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



This Memorandum of Understanding is made and executed on the 27th day of the month of April, 2015 between University of Science & Technology, Meghalaya situated in Techno City, 9th Mile, Baridua, Ri-Bhoi, Meghalaya, hereinafter referred as USTM. The university is established under Act 6 of 2008 enacted by the State Legislative Assembly of Meghalaya and incorporated under section 22 & 2 (f) of the UGC Act 1956.

And

North Eastern Space Applications Centre (NESAC), a premier institute established by the Department of Space, Government of India and North Eastern Council to work in the area of applications of space science and technology in the North Eastern Region of India, hereinafter referred as NESAC. The office of NESAC is situated at Umiam, Ri Bhoi district, Meghalaya.

Preamble

University of Science & Technology, Meghalaya (USTM) have its registered office at Techno City, 9th Mile, Baridua, Ri-Bhoi, Meghalaya is established by an act of Legislative Assembly of Meghalaya State in 2008. The objective of USTM is to provide high class education of modern age exploring opportunities and talents of the North East Region, thereby, creating cutting edge research centre and build a **Knowledge Hub** for societal development. USTM is an upcoming university with enormous potentialities and high ambition trying for academic excellence. Considering education as the backbone of a healthy society, USTM intend to produce future leaders and policy makers of tomorrow for fulfillment of dreams of the country especially for the NE Region.

North Eastern Space Applications Centre (NESAC) is a joint initiative of Department of Space (DOS) and the North Eastern Council (NEC) to provide developmental support to the north eastern region (NER) of our country using space science and technology. The major objectives of the Centre are: i) to provide an operational remote sensing based natural resource information base to assist activities on development / management of natural resources and infrastructure planning in the region ii) to provide operational satellite communication applications services in the region in education, health care, disaster management support, and

developmental communication and iii) to establish a space science and climatic change research hub by installation of necessary instrumentation and networking with various academic institutions of NER.

Purpose & Objectives:

The purpose of this MoU is to create a framework for collaboration between USTM and NESAC with the objectives as given below:

1. To establish close linkage and functional coordination between USTM and NESAC.
2. To recognize NESAC as an accredited research centre for research and study directed by USTM and vice versa.
3. To consider the scientists, designated scholars and management professionals of NESAC as an accredited faculty/supervisor for different research, teaching and management programmes of USTM subjected to their meeting the basic criteria.
4. To facilitate joint seeking of funds, submission of project proposals for research and development, training, consultancy and project management with funding agencies.
5. USTM and NESAC shall meet the expenses for the respective purposes and activities under this MoU from their own resources.

The MoU will be governed by the following conditions:

1. USTM and NESAC shall support each other towards the advancement of knowledge and R&D activities of the employees, faculty, scholars and students of both the organizations.
2. USTM will provide all facilities to the employees (Scientific and Technical staff) and scholars (Research Fellows and Project Assistants) of NESAC to enroll for Ph.D. programme at the USTM under joint supervision as per university admission procedure.
3. NESAC shall facilitate the students, scholars and faculties of USTM to conduct studies and researches required for partial fulfillment of requirements leading to the award of PG and Ph.D. degree by USTM. Number of candidates to be taken up under each of the degrees at a time shall depend upon the availability of supervising scientists and laboratory space. **Director, NESAC** shall be the ultimate authority to decide in such cases.
4. NESAC shall, subject to availability extend facilities to a limited number of M.Sc./M.A. students of USTM for short duration summer/winter training courses at NESAC under the relevant guidelines. **Director, NESAC** shall be the ultimate authority to decide the topics and number of participants.
5. USTM shall provide scope to interested Scientists of NESAC, to teach certain portions of PG courses at its campus. Necessary honorarium to the resource person shall be paid by USTM as per the guidelines to the scientists of NESAC.
6. **On mutual agreement**, diploma programmes, specialized and short duration refresher courses, training and skill development programmes, and project management courses on

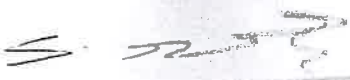
- topics of interest to the Government/Industry/Academia and other space based R&D activities can be jointly offered at USTM or NESAC.
7. USTM and NESAC will encourage and provide facilities to the faculty members of USTM and scientists of NESAC to explore and prepare joint research proposals on some thrust areas for funding by government and other agencies. The technical activities and grant sharing between two parties shall be defined and mutually agreed while submitting such proposals.
 8. Any intellectual property arising out of the joint intellectual input under a collaborative R&D project will be held jointly, filling and maintenance cost of which shall also shared equally. The responsibility of filing and maintaining the intellectual property shall be of NESAC. However, in the event of licensing of the IP for commercialization by USTM or NESAC to any Party, the fund accrued or likely to be accrued will be shared between USTM and NESAC at a proportion to be mutually decided from case to case basis after deducting the cost of patenting borne by NESAC on behalf of USTM. In case, USTM does not want to be a party to the intellectual property, **Director, NESAC** shall take an appropriate decision regarding its filling and utilization, and **vice versa**.
 9. USTM shall not file any application for seeking Intellectual Property Rights in its own name or in the name of its associates or any other person on any matter relating to the information gathered/disclosed to it by NESAC and **vice versa**.
 10. USTM and NESAC shall consult each other for any publication in respect of any project/research work. These publications shall be in the names of researchers as per intellectual contribution and as per the publication guidelines of the respective guidelines, wherein it will be duly acknowledged that the work has been carried out at USTM or NESAC under the sponsorship of the sponsor.
 11. USTM and NESAC shall extend their library facilities to the scientists, faculty members, research scholars and students in accordance with the rules and regulations that govern the functioning of their respective libraries.
 12. Apart from the aforesaid academic, management and research work, USTM and NESAC shall collaborate in the following areas as mutually agreed upon from time to time.
 - Dissemination and updating knowledge of research work being carried out through technical activities such as training programmes, seminars, symposia, workshops, publication of papers, conventions, conferences at various levels.
 - Social issues.
 - Natural Resources, Disaster Management Plans, Meteorological works, Biodiversity and Wildlife researches, Environmental and Geographical researches.
 - Recognition and rewards to individual as well as organizational achievements in scientific research, conservational activities, technology and entrepreneurship, visiting faculties.
 - Any other crucial areas of common interest.
 13. This MoU is valid for a period of five years term from the date of signing of the MoU and can be extended through proper renewal on the recommendation of the review committee. The MoU will automatically lapse after five years, unless renewed.

14. The progress of work and outcome of this MoU will be monitored annually by the review committee constituted as below:

1. Chairman: Vice Chancellor, USTM.
2. Co-Chairman: Director, NESAC.
3. Two representatives from USTM.
4. Two representatives from NESAC.

Agrees as above

For and on behalf of
NESAC, Umiam, Meghalaya




Name: Dr. S. SUDHAKAR

27/4/2015

Designation: Director, NESAC

Seal: डॉ. एस. सुधाकर / Dr. S. SUDHAKAR
निदेशक / DIRECTOR
उत्तर पूर्वी अंतरिक्ष उपयोग केंद्र
North Eastern Space Application Centre
उमियम - मेघालय / Umiam - Meghalaya

WITNESSES:

1. 
(DR. K.K. SARMA)
Sci/Envy-SF
2. Shyam Sundar Kundu
Sci/Envy-SF

For and on behalf of
USTM, Ri-Bhoi, Meghalaya

RS. 27.4.15

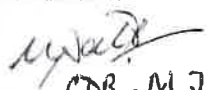
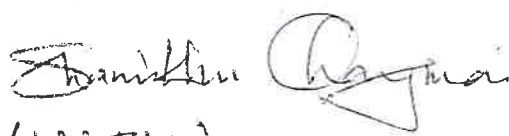
Name: Dr R.K. Sharma

Designation: Pro V.C.

Seal: Pro-Vice Chancellor
University of Science and Technology
Meghalaya



WITNESSES:

1. 
(DR. M.J. NATH)
HOD, Earth Science, USTM
2. 
(USTM)
Assistant Professor
Dept. of Earth Science
USTM


Registrar
University of Science & Technology,
Meghalaya