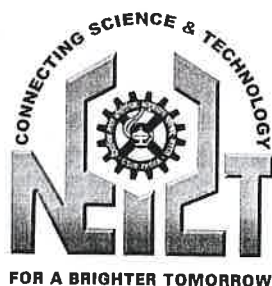


MoU

MEMORANDUM OF UNDERSTANDING

Between



CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
JORHAT, ASSAM: 785006

&



Unveiling Excellence

UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA

RI-BHOI, MEGHALAYA


Registrar
University of Science & Technology,
Meghalaya



मेघालया MEGHALAYA

03AA 612131

**Memorandum of Understanding
between
CSIR- North East Institute of Science & Technology, Jorhat, Assam
and
University of Science & Technology, Meghalaya**

This Memorandum of Understanding (MoU) is executed on this day 16th of October, Two Thousand Nineteen between CSIR-North East Institute of Science and Technology, Jorhat 785006, Assam which is a constituent unit of the Council of Scientific and Industrial Research, having its registered office at Anusandhan Bhavan, 2, Rafi Marg, New Delhi – 110 001, (hereinafter referred to as CSIR-NEIST) through its authorized representative, the Director, of the one part;

And

University of Science & Technology, Meghalaya (USTM) is the first private Science and Technology University in the North-Eastern Region of India. The University is located in Baridua, 9th Mile, Ri-Bhoi, Meghalaya-793101 (hereinafter referred to as USTM), through its authorized representative, the Chancellor, USTM, of the other part.

University of Science & Technology,
Meghalaya

1. Preamble :

CSIR-North East Institute of Science and Technology (CSIR-NEIST), Jorhat, Assam, a constituent establishment of Council of Scientific and Industrial Research, a society registered under the Societies Registration Act XXI of 1860 and having its registered office at Anushandhan Bhawan, 2, Rafi Marg, New Delhi 110 001.

The University of Science & Technology, Meghalaya was established under the provisions of the University of Science & Technology, Meghalaya Act (No.6 of 2008) enacted by the Legislative Assembly of Meghalaya and notified vide Gazette Notification No. LL (B) 87/2008/21, dated 02.12.2008 of Government of Meghalaya. USTM is empowered by University Grants Commission to award degrees as specified under Section 22 of UGC Act, 1956.

Both CSIR-NEIST and USTM shares a common desire to explore, extend and strengthen the functional relationship between the University and the National Scientific Institute. USTM and CSIR-NEIST in order to share the facilities and expertise available in each other's institution herewith sign a Memorandum of Understanding.

2. Purpose and Objectives:

The purpose of this Agreement is to promote cooperation in scientific education and research between USTM and CSIR-NEIST. The mutual collaboration will enable the utilization of each other's strengths in teaching and research, which in turn, will mutually benefit the students and faculty and scientific members of both the organizations and to create a framework for such a platform of collaboration with specific objectives as given below:

- a. To establish a close linkage and functional coordination between CSIR-NEIST and USTM.
- b. To recognize CSIR-NEIST as accredited research institute of USTM.
- c. To facilitate the Bachelors/Masters/PhD students of USTM to conduct project works in CSIR-NEIST under the supervision of the scientists of CSIR-NEIST/Joint supervision by the faculty members the both institutes.
- d. To consider the CSIR-NEIST professional as accredited supervisor/guide/instructor for USTM teaching and research programme.
- e. To facilitate joint seeking of funds and conduct of research, submission of projects for research and development in the fields of mutual interest, exchange of visiting research scholars including advanced graduate students.
- f. Opportunities for faculty and staff development and exchange through training programmes.
- g. To facilitate creation/development of new experimental and research/training facilities through mutual co-operation of CSIR-NEIST and USTM through exchange of experts, etc.
- h. On the mutual agreement, specialized and short duration refresher courses/training programmes on the topics of interest to the industry/academia can be jointly offered at CSIR-NEIST or USTM. The resources for such activities shall be shared.

- i. To facilitate other form of cooperation like hosting conferences, seminars, etc. mutually agreed between CSIR-NEIST and USTM.
- j. Any intellectual property arising out of the joint intellectual input under a collaborative R&D project will be held jointly, filing and maintenance cost of which shall also be shared equally. The responsibility of filing and maintaining the intellectual property shall be vest with CSIR on a case to case basis. However, in the event of licensing of the IP for commercialization by CSIR-NEIST or USTM to any third party, the terms of such release will be decided mutually and the release will be covered by a separate agreement and also money accrued will be shared between CSIR-NEIST and USTM at a proportion to be mutually decided from case to case basis after deducting the cost of patenting borne by CSIR on behalf of USTM. In case USTM does not want to be a party to the intellectual property, Director, CSIR-NEIST shall take an appropriate decision regarding its filing and utilization. USTM shall not file any application for seeking Intellectual Property Rights on 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 CSIR-NEIST.
- k. CSIR-NEIST and USTM shall consult each other for any publication in respect of any project/course work, These publications shall be in the name of research worker, wherein it will be duly acknowledged.
- l. To facilitate the students of USTM for experimental work at CSIR-NEIST in selected areas.
- m. Any expenditure incurred through the joint programmes will be borne as per mutual agreement.

ROLE OF CSIR-NEIST, JORHAT

1. To provide infrastructural and relevant facilities for the successful realization of the above mentioned objectives.
2. To facilitate the organization of different programmes in the Institute premises through mutual discussion.
3. The students and faculty members of USTM to access the library and instrumentation facility of CSIR-NEIST.

ROLE OF USTM

1. To provide infrastructural and relevant facilities for the successful realization of the above mentioned objectives.
2. To facilitate the organization of different programmes in the Institute premises through mutual discussion.
3. The students and faculty members of CSIR-NEIST to access the library and instrumentation facility of USTM

3. Review of MoU

- i. These arrangements shall be effective for a period of five years commencing from the date of signing of this MoU and its continuance will be subject to review on expiry of agreed period of five years.
- ii. The MoU can be amended in writing by mutual consent of both the parties.
- iii. The MoU may be terminated by either party by providing 90 days written notice.
- iv. Any disputes arising out of the arrangement shall be settled by mutual negotiation between two parties.

The parties have jointly signed/executed this Memorandum of Understanding in two copies on date and year written above.

For and on behalf of CSIR-NEIST

For and on behalf of USTM

Name: Dr G. Narahari Sastry

Designation: Director

CSIR-NEIST, Jorhat

निदेशक / DIRECTOR

Seal:

सी एस आई नॉर्थ ईस्ट इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी
CSIR - NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
Jorhat, Assam 785006, India

Date: 16.10.2019

Name: Mr Mahbubul Hoque

Designation: Chancellor

University of Science and Technology, Meghalaya

Seal:

Date: 16.10.2019



Witness:

1

2

1

2



Registrar
University of Science & Technology,
Meghalaya

MOU Signing Ceremony

BETWEEN



**CSIR-CENTRAL ROAD RESEARCH INSTITUTE
NEW DELHI**

AND



**EDUCATION, RESEARCH & DEVELOPMENT FOUNDATION
GUWAHATI**


Registrar
University of Science & Technology,
Meghalaya

**MEMORANDUM OF UNDERSTANDING
BETWEEN
CSIR-CENTRAL ROAD RESEARCH INSTITUTE
AND
EDUCATION, RESEARCH & DEVELOPMENT FOUNDATION**

This Memorandum of Understanding is made and executed of this 3rd day of May, Two Thousand Twelve between CSIR-Central Road Research Institute, New Delhi 110025 which is a constituent establishment of the Council of Scientific and Industrial Research, a Society registered under the Societies Registration Act XXI of 1860 and having its registered office at Anusandhan Bhawan, 2, Rafi Marg Delhi- 110001 hereinafter referred to as **CSIR-CRRI** through its authorized representative, the Director, CSIR-CRRI.

And

The Education, Research & Development Foundation, which is a Trust, is registered under the provisions of Indian Trust Act 1882 and a Society as defined under the provision of Societies Registration Act – XXI of 1860 and having its registered office at Block-B, Central IT College, DR. R.P. Road, Dispur, Guwahati-06, hereinafter referred to as **ERDF**.

Preamble

The **ERDF** is a Trust focused on imparting top quality professional and technical education in the fields of Engineering Science, Management Science, Information Technology and Computer Science; applied sciences such as Biotechnology and Biochemistry etc. with a view to ensuring all round professional development of the students of the North Eastern part of India in general and Assam & Meghalaya in particular through industry-academia linkages. Established in the year 2005, **ERDF** has emerged as the premier network of North East India having established two professional colleges, two CBSE schools, one school of Career Guidance, one engineering college and one university e.g. University of Science and Technology-Meghalaya.

The **CSIR-CRRI**, a premier National Laboratory established in 1952, a constituent of Council of Scientific and Industrial Research (CSIR) has expertise and capabilities for conducting research & development activities and carrying out consultancy assignments including dissemination of knowledge through training etc. in the areas of roads & bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety.



डॉ. सुतो गणपथ्य
Dr. S. Ganapathy

निदेशक / Director

केन्द्रीय सड़क अनुसंधान संस्थान
Central Road Research Institute
एन सिटी / New Delhi-110 025



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University of Science & Technology,
Meghalaya

Purpose & Objectives:

The purpose of this MoU is to create a framework for collaboration between **CSIR-CRRI** and **ERDF** with the objectives as given below:


- a) To establish close linkage and functional coordination between **CSIR-CRRI** and **ERDF** along with the **ERDF** established Institutions e.g. **University of Science and Technology Meghalaya (USTM)**, **Regional Institute of Science and Technology (RIST)** and **Regional College of Higher Education**.
- b) To recognize **CSIR-CRRI** as an accredited research centre for research and study directed by **ERDF established Institutions** and vice versa.
- c) To consider the qualified scientists, scholars and professional of **CSIR-CRRI** as an accredited faculty/guide for different research, teaching programmes of **ERDF established Institutions** and vice versa.
- d) To facilitate joint seeking of funds and conduct of research, submission of project for research and development, training and consultancy with university /institutions in India and abroad.
- e) **CSIR-CRRI** and **ERDF** 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. **CSIR-CRRI** and **ERDF** shall support each other towards the advancement of knowledge of the employees, faculty, scholars and students of both the organizations.
2. **ERDF** will provide all facilities to the employees (Scientific and Technical staff) and scholars (Research Fellows and Project Assistants) of **CSIR CRRI** to enroll for M.Tech and^f Ph.D. programme at the University of Science and Technology (USTM) established by **ERDF** under joint supervision. The course work/experiments required for the award of these degrees by USTM shall be taken up /conducted at **CSIR-CRRI** and necessary tests to qualify for registration/award of degree shall be conducted by USTM. The topics for M.Tech and Ph.D. work shall be from the ongoing research programmes at **CSIR-CRRI**.
3. **CSIR-CRRI** shall provide, without any financial obligation on its part, necessary facility to the students and faculty of University of Science and Technology (USTM) to conduct research required for partial fulfillment of requirements leading to the award of M. Tech 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, **CSIR-CRRI** shall be the ultimate authority to decide such number.
4. **CSIR-CRRI** shall, subject to availability and without any financial implication on its part, extend facilities to a limited number of M.Sc /B.Tech students of **ERDF** Institutions for short duration



Registrar
University of Science & Technology
Meghalaya


Dr. S. Ganapathy
Central Road Research Institute



03/05/22

summer/winter training courses at **CSIR-CRRI** under the relevant CSIR guidelines. Director, **CSIR-CRRI** shall be the ultimate authority to decide the topics and number of participants.

5. ERDF Institutions shall provide scope to interested scientists of **CSIR-CRRI**, to teach certain portions of UG and PG courses at campuses of **ERDF** Institutions. Necessary TA/DA and honorarium to the Scientists shall be paid by **ERDF** as per their policy guidelines to the scientists of **CSIR-CRRI**.
6. On mutual agreement, specialized and short duration refresher course /training programmes on topics of interest to the Government/Industry/Academia can be jointly offered at **CSIR-CRRI** or Institutions established by **ERDF**.
7. **CSIR-CRRI** and **ERDF** will encourage and provide facilities of the faculty members of **ERDF** Institutions and scientists of **CSIR-CRRI** to explore and prepare joint research proposals on some thrust areas for funding by government 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, filing and maintenance cost of which shall also shared equally. The responsibility of filing and maintaining the intellectual property shall be of CSIR. However, in the event of licensing of the IP for commercialization by **CSIR-CRRI** or **ERDF** to any Party, the money accrued and likely to be accrued will be shared between **CSIR-CRRI** and **ERDF** at a proportion to be mutually decided from case to case basis after deducting the cost of patenting borne by CSIR on behalf of **ERDF**. In case, **ERDF** does not want to be a party to the intellectual property, Director, **CSIR-CRRI** shall take an appropriate decision regarding its filing and utilization.
9. **ERDF** 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 **CSIR-CRRI**.
10. **CSIR-CRRI** and **ERDF** shall consult each other for any publication in respect of any project/course work. These publications shall be in the names of research workers, wherein it will be duly acknowledged that the work has been carried out at **CSIR-CRRI** under the sponsorship of the sponsor.
11. **CSIR-CRRI** and **ERDF** Institutions 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 and research work, **CSIR-CRRI** and **ERDF** shall collaborate in the following areas as mutually agreed upon from time to time.
 - Dissemination and updating knowledge of research work being carried out in North East through technical activities such as seminars, symposia, workshops, publication of papers, conventions, conferences at various levels.


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Meghalaya

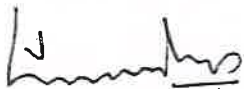

Centre Head
Central Post Research Institute
Imphal


03/05/12

- Social issues.
 - Recognition and rewards to individual achievements in science, engineering, technology and entrepreneurship, visiting, faculties, industry visits.
 - Journals and newsletters.
 - Climate change initiatives.
 - Exhibitions.
 - Any other areas of common interest.
13. This MoU is valid for a period of three years from the date of signing of the MoU and can be extended for a period of two years on the recommendation of a review committee. The MoU will automatically lapse after three years, unless renewed.
14. The progress of work and outcome of this MoU will be monitored annually by a review committee constituted as below:
- Director, CSIR-CRRI-Chairman
 Chairman, ERDF-Co-Chairman
 Two representatives form ERDF
 Two representatives from CSIR-CRRI.

Agrees as above.

For and on behalf of
 CSIR-CRRI, New Delhi




Name: Dr. S. Gangopadhyay

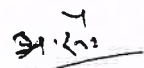
Designation: Director, CSIR-CRRI

Seal:


केन्द्र 14, नई दिल्ली संस्थान
 Central Research Institute
 दिल्ली / New Delhi-110 020

WITNESSES:

1. 
 J. DARASARI

2. 
 A. SAURIKHA

For and on behalf of
 ERDF, Guwahati




Name: Mr. Mahbubul Hoque

Designation: Chairman, ERDF

Seal:

CHAIRMAN
ERD FOUNDATION
GUWAHATI

WITNESSES:

1. 

2.  03-05-11


 Registrar
 University of Science & Technology,
 Meghalaya