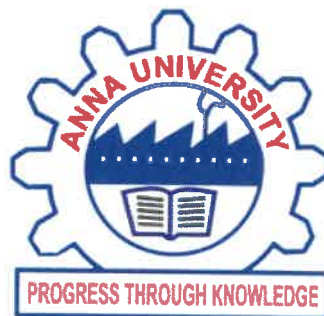


MEMORANDUM OF UNDERSTANDING

Between

ANNA UNIVERSITY, CHENNAI, INDIA



and

**NANSEN ENVIRONMENTAL AND
REMOTE SENSING CENTER - The
Nansen Center
BERGEN, NORWAY**



MEMORANDUM OF UNDERSTANDING

between

**INSTITUTE OF REMOTE SENSING, ANNA UNIVERSITY
CHENNAI, INDIA**

and

**NANSEN ENVIRONMENTAL AND REMOTE SENSING CENTER
(NERSC), BERGEN, NORWAY**

NANSEN SCIENTIFIC SOCIETY, BERGEN, NORWAY

NANSEN ENVIRONMENTAL RESEARCH CENTRE (INDIA),

WHEREAS,

Institute of Remote Sensing, an integral part of Anna University, Chennai, India is a leading academic institution involved in academics, research and consultancy activities in the fields of Surveying, Remote Sensing and Geographical Information Systems. IRS is also authorized as Tamilnadu State Remote Sensing Applications Centre and has expertise in Surveying, Mapping, Analysis and Modelling of geographical features through Remote Sensing, GIS and GPS techniques. With the advanced state of art infrastructure for analysis of space, aerial and ground based remote sensing data, IRS provides vital information required for decision making by planners and managers. The Institute was rated as one of the best in the country in the areas of Remote Sensing, Geographical Information System and Large Scale Mapping and the institute has received a leadership award for Capacity development in Geospatial Science and Technologies by Geospatial forum in 2014.

WHEREAS,

NERSC is an independent non-profit research foundation established in 1986 and a national environmental and climate research institute with basic funding from the Norwegian Ministry of Climate and Environment. NERSC conducts basic and applied research, innovations and services primarily funded by research councils, space agencies, and governmental agencies.

The vision of the Center is to pioneer the understanding of the Earth system and science based innovations for society. The main research focus areas comprises: Climate processes, variability and change, Marine and Arctic remote sensing studies, Ocean modelling data assimilation and operational oceanography and Socio-economic impact of global change.

In 2017 the Center employs 80 persons from 28 nations. The staff includes 11 Post Docs and six Ph.D and one master student in recruitment and educational positions. Several undergraduate students do their studies under supervision of the scientists at the Center. The Center is the parent institute for international Nansen Centers established in Russia, India, China, South-Africa and Bangladesh.

Nansen Environmental Research Centre (India) - NERCI was founded in 1999 as a non-profit research Centre between Norwegian and Indian partners. Located in Cochin, India, the Centre focuses on basic and applied research and assessment related to environmental, ecological and climate issues of regional interest concerning India and Central Asia. NERCI has been accredited as a Scientific and Industrial Research Organisation of DSIR, Ministry of Science and Technology, Govt. of India from 2012.

Nansen Scientific Society (NANSI) was established in 2006 by the Nansen Center, Trond Mohn, GC Rieber Funds and SparebankenVest. The vision of the Nansen Scientific Society is through education and research within global environment and climate problems, including their impacts on society, for young people from different nations and cultures to provide a foundation for greater understanding and co-existence in the world - in the spirit of Dr. Fridtjof Nansen. The Foundation finances and coordinates the "*Nansen Fellowship Program*" for education and research for young people in order to create lasting long term international relations and a better world.

The signatories agree:

ARTICLE 1 : Common Shared Vision

- 1.1 Signatories of this agreement share the following common vision: to provide a facilitating mechanisms for the member institutions to work together on joint research projects, supportive activities, education and training in areas of Ocean studies and modelling, Climate studies including impacts of climate change on sea level changes, Ice melting and Himalyan glacier meleting on marine and coastal environments as the parties have expertise in complementary areas and desire to utilize their experience mutually .
- 1.2. Signatories of this agreement agree in principle to establish for themselves a preferential Institutional partner status.

ARTICLE 2: Responsible offices

Anna University and NERSC/NERCI/NANSI agree to appoint a coordinator for the administration. The coordinator will serve as the contact person on campus, being responsible for arrangements associated with visits, ensuring that necessary approvals are in place and the general welfare of the students/faculty.

ARTICLE 3: Commitment of the signatories

Anna University and NERSC/NERCI/NANSI commit themselves to work together in a collaborative, collegial relationship of mutual benefit with the contribution of complementary skills and resources towards the common shared vision.

3.1. Student exchange programme

- 3.1.1. Anna University and NERSC/NERCI/NANSI would offer opportunities to undergraduate and postgraduate students from the partner institution to carry out projects in their own laboratories.
- 3.1.2. Anna University and NERSC/NERCI/NANSI agree in principle to undertake student exchange programme to fulfil internship under project work.
- 3.1.3. The home institution will be responsible for screening and selecting students, subject to acceptance by the host institution.

3.1.4. The host institution will assist the students to obtain housing and with other matters of hospitality, but is not obliged to provide financial assistance of any kind.

3.1.5. Participating students shall be responsible for obtaining their own visas and completing the required immigration formalities.

3.1.6. Students participating to the programme will pay appropriate tuition fees at their home institution during the period at the host institution. They will also pay for all personal expenses at the host institution, including visa, housing, travel, meals and health insurance. They will be exempted from tuition fees at the host institution.

3.2. Faculty exchange programme

The agreement also envisions co-operation for faculty exchange through deputation for short term assignments spread over not more than a year in areas mutually identified.

3.3. Other activities

The above-mentioned activities are not exclusive; other may be considered, such as:

- Joint research projects,
- Collaborative research activities, including joint supervision of doctoral students,
- Joint academics programs,
- Other areas of mutual interest.

When relevant, the above-mentioned activities will be described in a specific document.

ARTICLE 4: Administrative provisions

4.1. Terms and termination

This agreement will become effective upon signing and shall be effective for three (3) years, or until earlier termination by either party in keeping with the terms of this Agreement. This agreement shall be renewed if both the parties agrees at the end of the three-year-term.

4.2. Modification

If any exchanges in the above clauses or a modification is intended then it can be carried out by mutual consent of both the parties.

ARTICLE 5: Legal Effect

This MoU is not intended to impose any legal obligation whatsoever on either parties, but not limited to an obligation to bargain in good faith. The parties do not intend to be bound by any agreement until both agree to and sign a definitive written contract. Neither party can rely on any promises inconsistent to this paragraph. This paragraph supersedes all other conflicting terms.

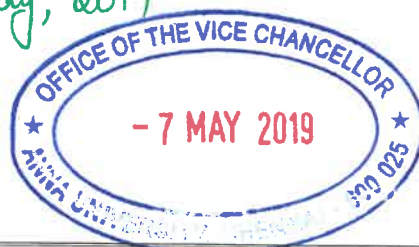
For and on behalf of
Anna University, Chennai

Prof. M. K. Surappa
Vice-Chancellor

Prof. J. Kumar
Registrar

Prof. N. Rajendran
Director
Centre for International Relations

Date : 07th May, 2019



For and on behalf of
NERSC/NERCI/NANSI

Prof. Sebastian H. Memild
Director, NERSC Norway

Prof. Ola M. Johannessen
President, Nansen Scientific Society,
Norway

Lasse H. Pettersson
Chairman, NERCI Board of Directors

Date :

