

MEMORANDUM OF UNDERSTANDING

BETWEEN



DHIRUBHAI AMBANI INSTITUTE OF INFORMATION TECHNOLOGY
GANDHINAGAR

AND



SPACE APPLICATIONS CENTRE (SAC),
INDIAN SPACE RESEARCH ORGANISATION (ISRO)
AHMEDABAD

FOR

ACADEMIC RESEARCH COLLABORATION

October 2015

This Memorandum of Understanding (hereinafter referred to as 'MoU') is entered into between Dhirubhai Ambani Institute of Information and Communication Technology, situated at Gandhinagar, Gujarat (hereinafter referred to as 'DAIICT'), a University established under the State Act of Gujarat, devoted to undergraduate and postgraduate education and research in Information and Communication Technology and Space Applications Centre, (hereinafter referred to as SAC) situated at Ahmedabad, Gujarat, one of the major centers of the Indian Space Research Organization (ISRO) under Department of Space, Government of India, engaged in the development of satellite payloads and applications for space programs of India.

The MOU is effective from date of signing.

1. Objectives of the MoU

The broad objectives of the MoU are (a) to promote and enhance academic and research interaction and collaboration between DAIICT and SAC in areas of mutual interest for mutual benefits; and (b) to provide a formal platform for initiating and facilitating related pursuits.

2. Scope of Collaboration

- (a) DAIICT shall strengthen the SAC sponsored PhD enrollment at DA-IICT through appropriate interventions in consultation with SAC. DAIICT shall conduct seminars at SAC premises on PhD selection and registration process for SAC personnel.
- (b) DAIICT shall permit M.Tech students, not exceeding five at a time, to intern at SAC for preparation of their dissertation in the areas of mutual interest and the SAC shall permit these students to spend at least one full semester at SAC premises under SAC Academic Associate Programme (SAC-AAP). SAC would provide suitable facilities to the students to carry out their research work.
- (c) At the instance of SAC, DAIICT shall design and offer short term courses that are aimed at upgrading the research and technical skills and competence of SAC Scientists and Engineers. The provisional list of areas in which DAIICT could offer training programs to SAC personnel are (i) Statistical signal processing, (ii) Security, (iii) Image analytics, (iv) Electromagnetics/RF, (v) Research methodology, (vi) Software project management, (vii) Embedded hardware design, and (viii) Advanced programming languages.



- (d) SAC may invite DA-IICT faculty to SAC to deliver talks on topics of interest to SAC. DA-IICT may also invite SAC Scientists, Engineers and other professionals to DA-IICT to deliver talks for the benefit of faculty and students.
- (e) DA-IICT may, subject to the existing policies and procedures in SAC and DA-IICT, invite SAC Scientists wishing to engage in teaching and research at DA-IICT.
- (f) DA-IICT may work on identified academic/research problems of SAC.
- (g) SAC and DA-IICT agree to carry out any joint collaborative research in areas of mutual interest.

3. Confidentiality

DA-IICT and SAC agree to hold in confidence all information/data identified by the two Institutions as confidential, and such information will be shared with the approval of the principal functionaries of the two institutions. The confidentiality clause under this MoU excludes information/data developed by each Institution independently and prior to the signing of this agreement.

4. Intellectual Property and Publications

DAIICT and SAC agree to respect and work within the Intellectual Property Policies of each Institution, and, wherever necessary, agree to harmonize the policies to resolve special issues. Information on research results and scientific materials (reports, articles, books) will be exchanged freely keeping in mind the mutually agreed provision of Intellectual Property Rights. All intellectual property solely conceived and/or developed by SAC during the course of this Agreement shall be owned by SAC. All intellectual property solely conceived and/or developed by DA-IICT during the course of this Agreement shall be owned by DA-IICT. Intellectual property jointly conceived and/or developed by SAC and DA-IICT will be jointly owned by SAC and DA-IICT. Each party may use such property for research and scholarly purposes. SAC and DA-IICT agree to collaborate towards the protection, if appropriate, and application of such intellectual property for commercial or other purposes on mutually acceptable' terms to be negotiated in good faith between the parties.

5. Terms and termination

- (a) This MoU will remain valid for five years from the effective date.



- (b) This MoU may be amended, renewed, or terminated by mutual agreement. The termination shall be by a prior notice of less than three months by either the party.
- (c) The termination of this MoU, shall not affect the obligations of either of the parties under confidentiality, joint research agreements, and the continuation of studies of students who are on the roll for the PhD program, and these agreements and arrangements shall survive the termination.

6. Interpretation and conflict resolution

Interpretations and conflicts of interest, if any, will be resolved through mutual discussions under the stewardship of the principal functionaries of the two Institutions who will be the final arbiters.

7. Signature and Seal

This MoU is executed in duplicate with each copy constituting an official version and having equal validity. By signing below, the parties, acting in their duly authorized capacities, agree to execute the terms of this MoU, effective from date of signing.

On behalf of

Dhirubhai Ambani Institute of Information &
Communication Technology

Space Applications Centre (ISRO)

By:

B. Nagaraj 23/10/15
Name: Prof. Nagaraj R

Designation: Director

Witness:

- Ruman Mitra*
- Soman Nair*



By:

Tapan Misra 23/10/2015
Name: **तपन मिश्रा / TAPAN MISRA**
Tapan Misra / Director
अंतरिक्ष उपयोग केंद्र (इसरो)
Space Applications Centre (ISRO)
Designation: Director
Ministry of Government of India
अहमदाबाद / Ahmedabad-380 015.

Witness:

- शरद कुमार शर्मा*
- J. P. Kumar*