



MEMORANDUM OF UNDERSTANDING

BETWEEN

INSTITUTE OF SPACE TECHNOLOGY

(IST)

AND

BELARUSIAN STATE UNIVERSITY

(BSU)

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MEMORANDUM OF UNDERSTANDING ("MoU")

THIS MOU IS INTENDED TO FORMALIZE THE UNDERSTANDING REACHED BETWEEN.

A. *INSTITUTE OF SPACE TECHNOLOGY, ISLAMABAD* (hereinafter referred to as "IST"), a Pakistani University located at 1, Islamabad Highway, Islamabad 44000, Pakistan;

AND

B. *BELARUSIAN STATE UNIVERSITY* (hereinafter referred to as "BSU"), a Belarusian University located at 4, Nezavsimosti Ave, Minsk, 220030, Belarus.

1. Purpose of the Memorandum of Understanding

The purpose of this MoU is Innovative research and academic cooperation, through implementation of joint research and development programs including mutual exchange of leading professors, scholars, doctorates, PhD students, master's degree students and undergraduate students.

2. Scope of Cooperation

In pursuance of the above, on the basis of equality and mutual interests, the parties may also develop joint projects in the areas of cooperation specified herein. All joint projects/cooperation will be subject to further specific enforceable agreements. The following areas of cooperation are covered under this MoU:

- 2.1 Fulfillment of joint research and educational projects and programs as mentioned in "Appendix A";
- 2.2 Exchange of teachers, researchers, administrative staff, students;
- 2.3 Exchange of technical information and scientific reports;
- 2.4 Organization of events such as conferences, seminars, meeting etc;
- 2.5 Publication of the results of joint scientific, study and methodical work;
- 2.6 Other forms of cooperation that can be proposed for discussion by either one of the parties.

3. Financial Terms

Financial terms and conditions of any project or cooperation activity undertaken pursuant to this MoU will be decided between the parties on project/activity basis and will be specified in the specific agreements to be executed between the parties. The parties may, if they mutually agree, involve other organizations and funds to finance the cooperation.

4. Miscellaneous

- 4.1 This MoU places no financial or legal obligations on either University, nor does it create any legal relationship between them. The financial, administrative and other aspects of all cooperation/collaborative activities will be negotiated between the two universities separately.
- 4.2 Any disputes arising under this MoU may be resolved through discussions and negotiations between the two parties.

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- 4.3 This MoU has been signed in duplicate in English Language.
- 4.4 The addresses and contact details of the parties provided along with the signatures will be used for all communication and notices.

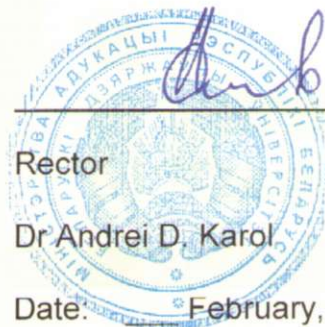
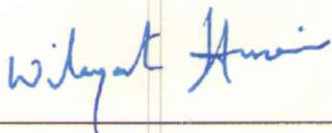
5. **Commencement, renewal, termination and amendments etc**

- 5.1 This MoU is effective upon the day and date of signing by the duly authorized representatives of the parties.
- 5.2 The present MoU will be valid for 5 years starting from the date of signature by both parties, automatically renewed for another term of 5 years unless either party provides notice of withdrawal in writing six months in advance.

ADDRESSES AND SIGNATURES OF THE PARTIES

Institute of Space Technology

Belarusian State University



Vice Chancellor

Rector

Prof. Dr Syed Wilyat Husain

Dr Andrei D. Karol

Date: 28 February, 2019

Date: February, 2019

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Appendix-A

- i. Development of navigation algorithmic software for new generation of small-sized unmanned aircrafts.
- ii. Development and construction of video spectral methods of combining of spatial, spectral and service information using the data obtained from equipment installed in small spacecraft.
- iii. Modeling of video spectral devices for space experiments and creation of space experiments simulators for investigation of physical processes and phenomena occurring in the upper and middle atmosphere and at the Earth's surface.
- iv. Construction of video spectral devices for small spacecrafts, nano- and micro-satellites designed for investigation of cosmic phenomena and processes in the atmosphere and at the Earth's surface.
- v. The development, launching and exploitation of research-educational micro, nano and picosatellites including the development of:
 - control systems for orientation and stabilization, power supply, navigation of nano- and picosatellites;
 - ballistic support of space craft;
 - receiving, processing and analysis of telemetry and payload;
 - hard and software for ground-based space craft control systems;
 - development of payload equipment, software and system integration;
 - developing of space research experiments
- vi. Applied space technologies including;
 - remote sensing data processing;
 - materials science
 - sensoric equipment
 - navigation system
- vii. Development of new educational technologies for aerospace industry education system.

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