





BELARUS-PAKISTAN SCIENCE AND TECHNOLOGY COOPERATION

CALL FOR PROPOSALS

 State Committee on Science & Technology (SCST) Republic of Belarus	 Ministry of Science and Technology (MoST) Islamic Republic of Pakistan
<i>Through</i>	
 Belarusian Institute of System Analysis & information Support in Science and Technology (BellSA)	 Pakistan Council of Scientific & Industrial Research (PCSIR)

Summary of the CALL:

Title: Pakistan-Belarus Joint Call for Proposals for the year 2019 -2021

Background:

The Ministry of Science and Technology of the Islamic Republic of Pakistan (hereinafter – MoST) and the State Committee on Science and Technology of the Republic of Belarus (hereinafter – SCST) announce a joint contest of the Belarusian-Pakistani scientific and technical projects for 2019-2021 in the priority areas of the bilateral Belarusian-Pakistani cooperation within the implementation of the Agreement on cooperation in the field of science and technology signed on 29th May 2015 between the Government of the Republic of Belarus and the Government of the Islamic Republic of Pakistan.

Within the framework of the Scientific and Technological Co-operation Agreement between Pakistan and Belarus, signed in Islamabad on 29th May 2015, an Executive Programme of Science, Technology and Innovation for 2019-2020 was agreed in the Third meeting of the Pakistan-Belarusian Joint Commission on Science and Technology 18 December 2018 at Minsk, Belarus.

In line to the decisions taken during the 3rd Joint Commission meeting for the implementation of Executive Programme, Ministry of Science and Technology Pakistan (MoST) and the State Committee on Science and Technology, Republic of Belarus (SCST) now invite Scientists and Researchers of the Pakistani and Belarusian R&D Institutions as well as Universities to submit joint Project Proposals to develop cooperation in priority area related to science and technology.

The coordination of this joint Call for Proposals will be implemented by MoST and SCST and shall also be coordinated through Belarusian-Pakistan Centre of Science and Technology Cooperation through their offices at:

Pakistan Council of Scientific & Industrial Research (PCSIR) located at 1-Constitution Avenue, G-5/2, Islamabad: email: pcsirheadoffice@gmail.com & pbjcc.pcsir@gmail.com

And

Belarusian Institute of System Analysis & information Support in Science & Technology (BellSA)
located at 7 Pobeditely avenue, Minsk, post code 220004 Belarus: Email: skuratovich@[belisa.org.by](mailto:skuratovich@belisa.org.by)

The Information of S&T institutions in Pakistan and Belarus is available for perusal of the scientific communities of the two countries at www.most.gov.pk, www.gknt.gov.by, www.belisa.org.by, www.scienceportal.org.by/en/ & www.nasb.gov.by/en

SCST officially opened the call for proposal of joint scientific and technical projects under the following link

<http://www.gknt.gov.by/deyatelnost/konkurs-belorussko-pakistanskikh-nauchno-tekhnicheskikh-proektov-na-2019-2021-gg.php>

Objectives of the Programme:

The aim of the programme is to encourage substantial cooperation between the education institutions, research organizations, innovative and innovative-industrial enterprises of both the countries in expanding their business and academic relations in the field of scientific and technological research through joint research projects.

The interaction between the two countries through the implementation of joint research projects also aims to promote / commercialize high tech and innovative products in the markets of both countries.

Potential Areas of Cooperation:

Joint research Projects can be submitted in the following research areas:

- a) Materials Science and Engineering;
- b) Nanotechnology;
- c) Microelectronics;
- d) Agriculture and Biotechnology;
- e) Medicine and Pharmacy;
- f) Energy and energy saving;
- g) ICT;
- h) Standardization, development of the system of testing and quality assessment;
- i) Industrial Chemicals and Mineral explorations;
- j) Water management technologies;
- k) Water management technologies;
- l) Environmental protection;
- m) Laser technology and photonics.

Eligibility:

The Programme is open to scientists, engineers, and institutions / academia of both the countries that are engaged in advanced research in one or more of the subject areas listed above. Proposals are to be developed by institutional partnership that should include Pakistani as well as Belarusian partner.

Submission of Project Proposals:

The project proposals shall be submitted by the Pakistani and Belarusian Project Initiators to their respective focal points in MoST Pakistan or on its behalf to the Belarusian-Pakistan Centre of Science and Technology Cooperation at PCSIR and SCST in Belarus or on its behalf to the Belarusian-Pakistan Centre of Science and Technology Cooperation at BellsA. The Projects submitted only to one of the two focal points shall NOT be considered.

Project proposal should include the name of Principal Investigator (PI) and a Co Principal Investigator (Co-PI) of each side. The PI and Co-PI shall be responsible for annual scientific, technical and financial reports besides ensuring the administrative coordination of their projects.

PIs and other investigators should either be scientists, researchers, or faculty members employed by universities, academic institutes, or national research and development laboratories or institutes. Neither PI should be retired or planning to retire during the proposed period of the project.

Presentation of Projects:

The project proposals having duration of maximum of **02 (two) years** submitted on the prescribed format duly signed / agreed by the Principal Investigators (PIs) along with the head of the collaborating institution of both the countries. The projects may be submitted either through email or by hard copy at their respective focal points. The proposals shall include the following indications:

- i) The title of the project, the research area (only one area will be indicated), names and data of the Pakistani and Belarusian PIs i.e. Post, institution, address, phone, fax, e-mail).
- ii) Description and purposes of the project, expected results, available and required financial resources from Pakistan and Belarus.
- iii) Composition and description of the research Laboratory.
- iv) Short CVs; listing the PIs main publications and Research out-put pertaining to the project.
- v) Each researcher can submit only one project.

Assessment / Evaluation Criteria for Project Proposal:

The projects will initially be evaluated at national level. Subsequently, the joint assessment will be reached by Pakistani and Belarusian focal points through exchange of information about the results of the national assessment of the project proposals. Final selection of project, admitted for funding by both the countries will be carried out with use of diplomatic channels.

The projects will be assessed according to the following criteria

- Quality of the project presentation i.e. creativity & originality of project, Relevance to proposed objectives and expected results, work plan and methodology.
- Competence of Research Group i.e. scientific-technological capabilities of the research group and participating institutions, training for researchers, high impact in cooperation training networks)
- Nature and quality of collaboration
- Scientific excellence of the project;
- Cost effectiveness of the project
- Expected socio- economic impact on both the countries;

Note: *Special consideration will be given to the projects that support capacity building, HRD, Technology transfer and establishing industrial linkages.*

Financing of Projects

The operational cost of R&D project to include equipment, lab facilities and exchanges of researchers will be supported by Pakistan and Belarus through the existing mechanisms of funding in each country and according to the joint plan presented/approved in the proposals submitted by the PIs.

Only one short term stay (up to 10 days) or one long term stay (1 month) will be financed per project in a year as part of the Joint R&D. Each side will pay to its researchers the travel expenses as well as the accommodation expenses for the exchange visits.

Project financing should start in mid-2019 and last not more than 2 years (until mid-2021)

Submission of Projects

The PIs must submit soft copy of the joint Project proposals (Word format) to be e-mailed no later than **15th April, 2019** to the respective focal point responsible for the administration of the Programme in each country.

PAKISTAN	BELARUS
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