RIS
Research and Information System for Developing Countries
विकासशील देशों की अनुसंधान एवं सूचना प्रणाली

FISD FORUM FOR INDIAN SCIENCE DIPLOMACY

Embassy of India
Moscow, Russia
Посольство Индии
Москва, Россия
सत्यमेव जयते

To celebrate the 75th Year of Indian Independence, "Amrit Mahotsav",

The Embassy of India, Moscow
&
Research and Information Systems for Developing Countries (RIS), New Delhi

Has the pleasure to announce a "Call for Papers"

CALL FOR PAPERS

On the occasion of the 75th year of India's independence, the Embassy of India, Moscow and Research and Information Systems for Developing Countries (RIS) plan to publish an edited volume tentatively titled as "India Russia - Prospects of Technology Partnerships (2021-2030)". This call for papers seeks contributions to the volume. The suggested topics are listed below. The papers are expected to deal with or discuss the potential and scope for bilateral, multilateral in the future or for addressing global challenges, and the role of science diplomacy.

Guidelines for Submissions:

- Papers are invited from Indian and Russian authors on the topics listed below

- The papers and abstracts should be sent in English language as Word document. Use Times Roman 12 type, 1.5 line spacing

- Authors should submit abstracts of 200-400 words outlining their proposed papers. The abstracts may be sent at any time before 31 January 2022 to science.diplomacy@ris.org.in

- The abstracts will be reviewed and shortlisted for provisional acceptance with comments for revision as required. The authors will be notified by email of the acceptance of the abstract.

- The authors of all accepted abstracts are required to submit their full length papers (in 3000-5000 words) by email to science.diplomacy@ris.org.in within 45 days of notification of acceptance of abstracts.

- The papers will be reviewed by experts and suggestions for revision will be sent to the authors, after which they may revise the paper and send the final version.

- Final papers will be reviewed and the decision on final acceptance for publication communicated to the authors.

- Authors of finally selected papers will receive a special certificate/award for their contribution or paper and may be invited for panel discussions.

- The finally selected papers will be published in a special publication in honour of India's independence. They will be translated in Russian for the Russian version of the publication.

- Papers which are not finally selected may be published separately, with the consent of the authors in RIS journals and websites.

For any clarifications and enquiries please send an email to: science.diplomacy@ris.org.in

India Russia - Prospects of Technology Partnerships (2021-2030)

List of topics

- Bio-Technology - including industrial bio-technologies; agricultural biotechnologies; environmental bio-technologies; food bio-technologies; forestry bio-technologies; aqua-bioculture; industrial biotechnology, etc.

- Medicine and Health Care - including research for medical devices; drug candidates; molecular diagnostics; biomedical cellular technologies, vaccines.

- Environment Technologies - including air quality, waste management, cooling and refrigeration, carbon capture and recycling.

- Earth Sciences - water, polar and ocean resources and climate change, etc.

- New and Alternate Energy - including bio-energy; hydrogen energy; energy efficiency, etc.

- Transportation and Transport networks - including emerging automotive technologies.

- New Materials - including nano-materials and carbon nano-materials, composite materials, etc.

- Mining & Metallurgy Technologies - including safety, robotics, extraction and refining process technologies, surface engineering, modelling, environment protection and assessment technologies, etc.

- Agriculture Technologies - including digital agriculture and drip irrigation, etc.

- Water Technologies - including preservation, purification and re-use, etc.

- Laser, Photonics and Quantum Technologies - including communications, computing and sensing, etc.

- Sensor Technologies- including sensors for harsh environment, intelligent sensors (eg. useful in IoT), highly sensitive sensors for various applications such as change in magnetic field, gaseous composition detection, etc.

- Geo-Spatial Technologies - including remote sensing, photogrammetry, cartography, GPS and GIS applications.

- Chemicals and Petrochemicals - including bulk chemicals, specialised chemicals, pharma chemicals and agrochemicals.

- Disaster Management Technologies - including monitoring and management of natural disasters, industrial disasters and control technologies

- Drone Technologies- for diverse civilian and commercial application of drones in sectors like agriculture, power, infrastructure, mining and telecom.

- Electronics Systems Design and Manufacturing (ESDM) - including devices developments and automation, robotics, miniaturisation, etc.

- Hydrocarbon Technologies - including technologies for upstream, downstream and midstream technologies

- Waste to Wealth Technologies - including municipal waste management, Industrial waste management and agro-waste management, etc.

- Textile Technologies - agrotech, buildtech, clothtech, geotech, hometech fibre, indutech, meditech, mobiltech, packtech, protech, and sportech fibers and textiles, etc.

- Pharma Technologies - including production of raw material, APIs, pharma industry waste management, medical devices and process technologies, etc.

- Information and Communication Technologies - including computer architectures and systems; telecommunication technologies; data processing and analysis technologies; predictive modeling, prospective systems functioning; information security, etc.

- Aerospace and Strategic Electronics - including commercial aircraft, aerospace technologies, strategic electronics, actuators and aviation grade materials, etc.

- Nuclear/Space Spin-off Technologies - including spin-off technologies for healthcare, medicine, transportation, public safety, environmental and agriculture, etc.

- Other Topics - Cooperation in science and technology in science policy, India-Russia cooperation in science diplomacy for multilateral forums and global challenges. STI for developing human resources and exchanges, cooperation for controls and access to STI facilities, diaspora role in STI cooperation, etc.

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