



BCSIR, Bangladesh - CSIR, India

Joint Symposium

Advanced Functional and Smart
Materials for Sustainable Development

30-31 May 2023, BCSIR, Dhaka, Bangladesh

Organized by
Bangladesh Council of Scientific and Industrial Research (BCSIR)



Bangladesh - India Friendship Forever



পিতা দিয়ে গেল স্বাধীনতা, কন্যারও সেই পথ
জ্ঞান বিজ্ঞান চর্চার মাঝে দেশের ভবিষ্যৎ
-স্থপতি ইয়াফেস ওসমান



Bangladesh has stepped into a new journey towards qualifying to graduate into a developing nation. It is scheduled to officially become a developing country in 2026. The Hon'ble Prime Minister Sheikh Hasina announced another master plan on December 12, 2022 to take Bangladesh towards the next step, which is 'Smart Bangladesh'.

The 'Smart Bangladesh' ecosystem will stand on four key pillars: Smart Citizen, Smart Government, Smart Economy, and Smart Society.

Smart Bangladesh is an outstanding initiative led by the Government of Bangladesh directed to transform the country into a technologically advanced and sustainable society. Building on the foundation of 'Digital Bangladesh' initiative, Smart Bangladesh envisions the development of smart agriculture, smart healthcare, smart cities, smart education system, smart technology, smart energy production and utilization, smart governance, and smart institutions with the ultimate goal of creating a more prosperous, equitable, meaningful, humane, and sustainable future for the citizens of Bangladesh. Since our neighbouring country India has an excellent track record in technological development, it will be a great opportunity for Bangladesh to boost up the flow of materializing 'Smart Bangladesh' by weaving a strong collaborative network with their S&T sector.



Background

Bangladesh has a long-standing friendly and cordial relationship with India in different fields of cooperation. Notably, we are grateful that the people and the government of India stood by us when we were all deeply engaged in our endeavor to ensure the restoration of democracy.

To boost up the scientific and technological cooperation between Bangladesh and India, a Memorandum of Understanding (MoU) between the Bangladesh Council of Scientific and Industrial Research (BCSIR) and the Council of Scientific and Industrial Research (CSIR), India, was concluded on September 6, 2022 in New Delhi in the presence of the Hon'ble Prime Minister of Bangladesh, H.E. Sheikh Hasina and the Hon'ble Prime Minister of India, H.E. Shri Narendra Modi. The MoU was signed by the heads of two respective institutions, Professor Dr. Md. Aftab Ali Shaikh, Chairman of BCSIR, and Dr. N. Kalaiselvi, DG of CSIR, India. This symposium has been scheduled in accordance with the scientific cooperation under the MoU.

As a part of the effective execution of the MoU, Bangladesh Council of Scientific and Industrial Research is proudly organizing a two-day long BCSIR, Bangladesh - CSIR, India joint symposium on *“Advanced Functional and Smart Materials for Sustainable Development.”*

Focus Areas

The symposium aims to focus on the following areas:

- (i) Nano Materials
- (ii) Glass and Ceramics
- (iii) Minerals and Metallurgy
- (iv) Carbon-based Materials
- (v) Polymer and Functional Materials
- (vi) Energy Materials

Objective

These chosen areas of material science are playing a pivotal role in implementing the goals of the Fourth Industrial Revolution (4IR). The symposium will be an excellent platform to display novel and updated research works of researchers, academics, engineers, and policymakers from both organizations. It is anticipated that the Science and Technology (S&T) sector of BCSIR and CSIR will be highly benefitted from the scientific presentations as well as through knowledge sharing in this program. Thus, this symposium will rejuvenate the relations between the two research organizations for advancing scientific and technological development.

Contributions from scientists of both organizations are welcome to share ideas, which will eventually result in a thriving collaborative research network involving scientists from both countries.

Extended Abstract Submission

Last date of submission: April 30, 2023

Word limit: 500 words

Language: English

Abstracts must be submitted to:

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