

বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ২০২২-২০২৩ অর্থ বছরে বিশেষ গবেষণা অনুদানের জন্য
বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ (বিসিএসআইআর)-এর নির্বাচিত ২১টি প্রকল্প:

SL.	Project ID	Title of the Projects	Principal Investigators
1.	SRG-221136	Phylogenetics and transcriptomic signature of Dengue viral infection in Bangladesh.	Dr. Md Murshed Hasan Sarkar Senior Scientific Officer BCSIR Laboratories, Dhaka-1205.
2.	SRG-221137	Effect of sodium molybdate on bioenergy production using household waste through anaerobic digestion	Dr. Chapol Kumar Roy Senior Scientific Officer BCSIR Laboratories Dhaka.
3.	SRG-221138	Evaluation of <i>Ipomoea batatas</i> as cardioprotective remedy through gene (Bax, Casp3 gene) expression regulation.	Dr. Dipa Islam Senior Scientific Officer BTRI, BCSIR, Dhaka.
4.	SRG-221139	Preparation of Whey Protein as a Functional Food Ingredient by Using Response Surface Methodology.	Dr. Kanika Mitra Principal Scientific Officer. IFST, BCSIR, Dhaka.
5.	SRG-221140	An easy analytical method development to analyze organo chlorine pesticides residue in water: Approach to estimate the contamination level of river	Dr. Md. Humayun Kabir Senior Scientific Officer INARS, BCSIR, Dhaka.
6.	SRG-222377	Engineering of lactate assisted Rutile (TiO ₂) nanostructure for photocatalytic organic pollutants degradation.	Dr. Md. Kamal Hossain Principal Scientific Officer BCSIR Laboratories, Dhaka.
7.	SRG-222378	Development of calcium phosphate based materials utilizing commercial/ household waste for treatment of waste water.	Dr. Samina Ahmed Chief Scientific Officer BCSIR Laboratories, Dhaka.
8.	SRG-222379	Development of Highly Sensitive Graphene-Based Sensor for Electrochemical Detection of Glucose	Dr. Sabina Yasmin Senior Scientific Officer INNARS, BCSIR, Dhaka-1205.
9.	SRG-222380	Integrated biorefinery to produce tissue paper and fermentable sugar from corn stalk.	Dr. Md. Mostafizur Rahman Senior Scientific Officer BCSIR Laboratories, Dhaka.
10.	SRG-223438	Development of molecular biomarker through identification of heavy metal resistance genes in fish for environmental bio-monitoring.	Dr. Mahmuda Begum Senior Scientific Officer BCSIR Laboratories, Dhaka.
11.	SRG-223439	Eco-friendly and sustainable mosquitocide from <i>Lysinibacillus</i> spp bacteria.	Dr. Md. Zamilur Rahman Senior Scientific Officer BCSIR Laboratories Dhaka.
12.	SRG-223440	Dissolving pulp and furfural production from jute stick.	Dr. Md. Sarwar Jahan Director BCSIR Laboratories, Dhaka.
13.	SRG-223441	Isolation and Characterization of Microbiomes and Their Impact in Agar Formation Within Agarwood Tree.	Dr. Nahid Sultana Senior Scientific Officer BCSIR Laboratories Dhaka.
14.	SRG-223442	Development of third generation material-driven lignocellulosic-feedstock biorefinery system: Chemical modification of alkali-lignin.	Swapan Kumer Ray Principal Scientific Officer BCSIR Laboratories, Dhaka.
15.	SRG-223443	To scale-up the activity of activated carbon based sorbents for CO ₂ capture	Mosharof Hossain Principal Scientific Officer IFRD, BCSIR, Dhaka-1205.
16.	SRG-223444	Fabrication of Environment Friendly Lead-free Perovskite Solar Cells	Dr. Mohammad Shah Jamal Principal Scientific Officer IFRD, BCSIR, Dhaka-1205.
17.	SRG-223445	Utilization of Chrome Containing Leather Waste in Development of Metal Based Green Composite Material.	Dr. S. M. Asaduzzaman Sujan Principal Scientific Officer Leather Research Institute (LRI) BCSIR, Dhaka.
18.	SRG-223446	Metagenomic Analysis to Understand the Microbial Diversity of Surface Water Quality in Dhaka City	Dr. Tanjina Akhtar Banu Principal Scientific Officer BCSIR Laboratories, Dhaka.
19.	SRG-223447	Random amplified polymorphic DNA analysis of bacteria isolated from different drainage systems.	Dr. Shahina Akter Principal Scientific Officer BCSIR Laboratories, Dhaka.
20.	SRG-226626	<i>Synthesis, Photophysical and Biological study of pyrimidine Schiff base derivatives.</i>	Dr. Md. Monarul Islam Senior Scientific Officer BCSIR Laboratories, Dhaka.
21.	SRG-226627	Recycling of waste polyolefin to manufacture new composite materials reinforced with jute fibers.	Shahin Sultana Principal Scientific Officer BCSIR Laboratories, Dhaka.

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