



বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ(বিসিএসআইআর)

BANGLADESH COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ২০২৫-২০২৬ অর্থবছরে “বিজ্ঞান ও প্রযুক্তি কর্মসূচি” খাতে
বিশেষ গবেষণা অনুদানের জন্য বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ (বিসিএসআইআর)
এর নির্বাচিত ২৬টি প্রকল্প:

SL.	Project ID	Title of the Projects	Principal Investigators
1.	SRG-251092	Genetic and functional Dissection of Biological Nitrification Inhibition in Rice for Climate Resilient and Low-Emission Agriculture	Mohammad Robel Hossen Patwary Senior Scientific Officer
2.	SRG-251093	Applying Optimization method for the formulation of topical gel containing Tagetes erecta L. floral extract	Dr. Md. Anwar Hossain Principal Scientific Officer
3.	SRG-251094	Evaluation of bioactive polyphenolic compounds and cardioprotective effects of Solanum sisymbriifolium leaves extract on Isoprenaline-induced long Evan Rats	Md Hemayet Hossain Principal Scientific Officer
4.	SRG-251095	Microbial Biofloculants Synthesis its Enhanced Dye Removal Efficiency: a sustainable approach to industrial wastewater treatment	Dr. Abhijit Chowdhury Senior Scientific Office
5.	SRG-251096	Assessment of Phytochemical Potentials of Elicitor Induced regenerated Plants of Withania somnifera (L) Dunal	Barna Goswami Senior Scientific Office
6.	SRG-251097	Development of plant-based protein supplemented sports drinks using cheese industry whey as a primary ingredients	Md. Nur Hossain, PhD Senior Scientific Office
7.	SRG-252340	Conductive, self-healing, antibacterial, and mechanically robust collagen hydrogel for flexible electronics	Dr. Ajoy Kanti Mondal Senior Scientific Office
8.	SRG-252341	Antibiotic Detection in Food and Water using Microwave-Synthesized rGo/Carbon Dot-Metal Oxide Nanohybrids	Dr. Faridul Islam Senior Scientific Office
9.	SRG-252342	Enhance the performance of solar modules by fabricating nano structured coating with hydrophobicity and self-cleaning properties	Samia Tabassum Principal Scientific Officer
10.	SRG-252343	Photocatalysis Performance Exploration of Rutile Nanocrystals Derived from Screen Printing Waste	Md. Ashrafal Alam Scientific Officer
11.	SRG-253388	Environment-Friendly and Cost-Effective Cathode Materials for Next-Generation Energy Storage	Dr. Mohammad Shah Jamal Principal Scientific Officer
12.	SRG-253389	Engineering Environmentally Resilient ITO Conductive Layers for Improved Efficiency in CIGS Solar Cells	Dr. Mohammad Shahriar Bashar Principal Scientific Officer
13.	SRG-253390	Exploring the Agrochemical Potential of a New Ethephon Derivative: From Synthesis to Field Application	Dr. Md. Badrul Islam Principal Scientific Officer
14.	SRG-253391	Next-Generation Electron Transport Materials for Efficient and Long-Lasting OLEDs	Dr. Afrina Sharnim Senior Scientific Office



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SL.	Project ID	Title of the Projects	Principal Investigators
15.	SRG-253392	Sustainable Biogas Purification: Carbon Dioxide Absorption and Methane Enrichment Using Water Scrubbing Technology	Dr. Mosharof Hossain Principal Scientific Officer
16.	SRG-253393	Value-added utilization of agricultural wastes in bio-composites production and their applications in environmental remediation	Md. Ahasanur Rabbi Senior Scientific Officer
17.	SRG-253394	Comprehensive Genomic Profiling of Halophytic Bacteria Isolate from Marine Algae	Dr. Tanjina Akhtar Banu Principal Scientific Officer
18.	SRG-253395	Assessment of transcriptomic and genotoxic response to dose-dependent microplastic exposure in highly edible fish, Tilapia (<i>Oreochromis niloticus</i>)	Mahmuda Begum Senior Scientific Officer
19.	SRG-253396	Synthesis of iron-based metal-organic frameworks (MOFs) from spent printer toner for the efficient removal of antibiotics from aqueous solutions	Dr. Md Humayun Kabir Senior Scientific Officer
20.	SRG-253397	Production of kNanolignin from Waste Lignocellulosic Biomass and its Subsequent Diazotization	Swapan Kumer Ray Principal Scientific Officer
21.	SRG-254482	Effects of working condition on the skin of fish processing workers: prevalence study and evaluation of protective measures.	Dr. Ruhul Amin Senior Scientific Officer
22.	SRG-255536	Rapid Diagnosis of Antibiotic-Resistant UTIs in BD women Using Genome-Guided Raman Spectroscopy	Dr. Shahina Akter Principal Scientific Officer
23.	SRG-255537	Exploring the Anti-Diabetic Potential of Seaweed: A Study on Gene Expression and Biological Activity in Animal Model	Dr. Md. Abdus Satter Miah Chief Scientific Officer and Director (Incharge)
24.	SRG-256602	Plasmonic Metallic Nanoparticle-Decorated zinc Oxide Nanorods for Gas Sensing and Optoelectronic Devices	Dr. Syed Farid Uddin Farhad Principal Scientific Officer
25.	SRG-256603	Sustainable Valorization of Waste Brown Packaging Paper into Bleached Pulp	Md. Mostafizur Rahman Principal Scientific Officer
26.	SRG-256604	Eco-friendly Synthesis and Characterization of Nano-Carboxymethylcellulose from Renewable Hardwood pulp for Controlled Drug Delivery Application	D. Mohammad Mahbubur Rahman Principal Scientific Officer