

## বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ (বিসিএসআইআর)

বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ২০২০-২১ অর্থ বছরে বিশেষ গবেষণা অনুদান প্রাপ্ত গবেষণা প্রকল্পের তালিকা:

SL.	Gr. SL.	Title of the Proposed Project	Principal Investigator
1	399 EAS	High Temperature Chlorine dioxide Bleaching of Nonwood Pulp.	Jannatun Nayeem Scientific Officer Pulp and Paper Research Division. BCSIR Laboratory, Dhaka.
2.	286 BS	Discovery of novel antibiotics producing uncultured bacteria which kills pathogens without detectable resistance from environmental samples: pitfalls of growth factors based laboratory culture.	Dr. Mohammad Nazrul Islam Bhuiyan Senior Scientific Officer Industrial Microbiology Section Institute of Food Science & Technology, BCSIR, Dhaka.
3.	460 ID	Synthesis and biological studies of diamine based Schiff-base derivatives	Dr. Md Monarul Islam Senior Scientific Officer Chemical Research Division. BCSIR Laboratory, Dhaka.
4.	400 EAS	Construction of low cost Equipment for Solar Energy Materials Synthesis and Characterization.	Dr. Syed Farid Uddin Farhad Principal Scientific Officer BCSIR Laboratory, Dhaka.
5.	350 ES	Bioremediation of environmentally hazardous tannery effluents by using chlorella, Arthrospira and Scenedesmus sp.	Dr. Md. Zamilur Rahman Senior Scientific Officer Applied Botany Section BCSIR Laboratory, Dhaka.
6.	536 Phy's	Utilization of waste polyvinyl chloride (PVC) cooling tower fills and natural waste fibers to produce new composite materials.	Shahin Sultana Principal Scientific Officer Fibre & Polymer Research Division BCSIR Laboratory, Dhaka.
7.	348 ES	An easy analytical method development to analyze Vitamin B (B1, B2, B3, B5 and B6) and Vitamin C in baby foods (Formula/Cereals)	Muhammad Abdullah Al-Mansur Principal Scientific Officer Institute of National Analytical Research & Services BCSIR, Dhaka.
8.	349 ES	Development of natural rubber based composite modifier for water, heat and UV-light resistant rubberized-bitumen production.	Swapan Kumer Ray Principal Scientific Officer Fibre & Polymer Research Division BCSIR Laboratory, Dhaka.
9.	471 ID	Bioanalytical method development and validation of some non-steroidal anti-inflammatory (NSAID) drugs.	Fatema Moni Scientific Officer Pharmaceutical Science Research Division BCSIR Laboratory, Dhaka.
10.	290 BS	Bioassay guided isolation of secondary metabolites from medical plants and their associated endophytic fungi and value addition in isolated bioactive metabolites.	Dr. Md. Hossain sohrab Principal Scientific Officer Pharmaceutical Science Research Division BCSIR Laboratory, Dhaka.
11.	428 EAS	Development of nano crystallized glass using locally available waste materials like coal fly ash.	Md. Saiful Quddus Senior Scientific Officer IGCRT, BCSIR, Dhaka
12.	287 BS	An easy analytical method development to analyze organo chlorine pesticides residue in water : Approach	Dr. Md. Humayun Kabir Senior Scientific Officer

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		to estimate the environmental contamination level of river and pond water	Institute of National Analytical Research & Services BCSIR, Dhaka.
13.	352 ES	Simultaneous waste water treatment and renewable energy production using microbial fuel cells	Dr. Sabina Yasmin Senior Scientific Officer Institute of National Analytical Research & Services BCSIR, Dhaka.
14.	351 ES	Synthesis and evaluation of Eco-friendly Oxygen Carriers for Carbon-di-oxide capture during fuel combustion.	S.M Asaduzzaman Principal Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
15.	288 BS	Study of Photoanode for Dye-Sensitized Solar Cell based on Semiconductor or Composite material.	Dr. Samina Tabassum Senior Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
16.	353 ES	Production of Bioelectricity by using Different types of Electrodes and Biomass waste through Microbial Fuel Cell.	Mosharof Hossain Principal Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
17.	401 EAS	A programmable smart device for optimal management of indoor lights for power savings.	Md. Saidul Islam Senior Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
18.	402 EAS	Development of a high efficiency one dimensional multijunction solar cell simulator (MSCS-1d) for cost effective solar panel fabrication: Version-3 (MSCS-1d: V-3)	Abu Kowsar Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
19.	403 EAS	Design, development and manufacture of processes of four research equipment used to fabricate low cost thin film solar cell.	Muhammad Shahriar Bashar Principal Scientific Officer Institute of Fuel Research & Development, BCSIR, Dhaka
20.	289 BS	Assessment and profiling of health hazard phthalates in packaged food, drinks and beverage contaminated from packaging material in Bangladesh and identify the safe plasticizers for food package.	Dr. Md. Nurul Huda Bhuiyan Senior Scientific Officer Institute of food science & technology, BCSIR, Dhaka.