



বাংলাদেশ
বিশ্ববিদ্যালয় মঞ্জুরী কমিশন

বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন

University Grants Commission of Bangladesh

আগারগাঁও শেরেবাংলানগর, ঢাকা-১২০৭

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কমিশনের রিসার্চ সাপোর্ট এন্ড পাবলিকেশন ডিভিশনের বিজ্ঞান ও প্রযুক্তি শাখায় ২০২২-২৩ অর্থবছরে প্রাপ্ত রাসায়নিক বিজ্ঞান বিষয়ক মোট ৩৬টি গবেষণা প্রকল্প প্রস্তাব কমিশন নির্ধারিত সূচকের ভিত্তিতে কর্মশালার মাধ্যমে বিশেষজ্ঞ কর্তৃক মূল্যায়ন করা হয়। বিশেষজ্ঞ কর্তৃক গ্রহণযোগ্য ৩৩টি ও গ্রহণযোগ্য নয় ৩টি গবেষণা প্রকল্প প্রস্তাবের তালিকা নিম্নরূপ:-

ক্রমিক নং	গবেষণা প্রকল্পের শিরোনাম	প্রকল্প পরিচালকের নাম ও ঠিকানা	মন্তব্য
1.	Hydrothermal Synthesis of Iron Oxide Nanoparticles for Evaluation of Photodegradation and Adsorption of Methyl Blue Dye	Muhammad Zamir Hossain Professor Department of Chemistry Jagannath University, Dhaka 1100 Phone: Office: 02223353794 Cell: 01723793466 Res: 41021581 E-mail: zamir@chem.jnu.ac.bd	গ্রহণযোগ্য
2.	“Development of Ionic Liquids based Microemulsion for Solubility Enhancement of Statin Group Drugs”	Dr. Md. Korban Ali Associate Professor and Chairman Department of Chemistry Jashore University of Science and Technology Cell: 01722898670 Email: mk.liton@just.edu.bd 2. Md. Shahin Sarker Assistant Professor Department of Pharmacy Jashore University of Science and Technology	গ্রহণযোগ্য
3.	Influence of Supramolecular Interaction on the Properties of Protein-Surfactant Mixed System.	Dr. K. M. Anis-Ul-Haque Associate Professor Department of Chemistry Jashore University of Science and Technology, Jshore-7408, Bangladesh Cell: +8801306193469 Email: a.haque@just.edu.bd	গ্রহণযোগ্য
4.	Mo- and W-Diaryldithiocarbamates as Single Source Precursors for 2D Metal Sulfides".	Dr. Jagodish Chandra Sarker, MRSC Associate Professor Department of Chemistry Jagannath University Dhaka-1100, Bangladesh Cell no. +8801316625997	গ্রহণযোগ্য

5.	Preparation of phenylboronic acid functionalized chitosan-PMAA hybrid nanoparticle for tumor targeted and pH-controlled drug delivery.	Dr. M. Nuruzzaman Khan Associate Professor Applied Chemistry and Chemical Engineering Faculty of Engineering and Technology University of Dhaka Dhaka-1000, Bangladesh TEL: +880-01717057445 (Cell)	গ্রহণযোগ্য
6.	Green Synthesis of Magnesium Oxide (MgO) Nanoparticles Using Plant Extracts: A Sustainable Approach for Nanomaterial Production	Dr. Farhana Khanam Ferdousi Associate Professor Department of Chemistry Dhaka University Mobile: 01755592583 Email: farhana_f_20@yahoo.com & hasanur@du.ac.bd	গ্রহণযোগ্য
7.	Preparation of Graphene Incorporated Bio-Nanocomposites for Controlled Drug Release	Dr. A. F. M. Mustafizur Rahman Professor Md. Hasanur Rahman Assistant Professor Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka-1000 Phone: 880-1914861098(Cell) E-mail: mustafizacce@du.ac.bd	গ্রহণযোগ্য
8.	Encapsulation of submicron-sized TiO ₂ via in-situ emulsion polymerization to enhance the dispersion stability and reflectance	Dr. Md. Kamrul Hasan Associate Professor Chemistry Discipline Khulna University, Bangladesh Email: mkhasan@ku.ac.bd Mobile: +8801719250118	গ্রহণযোগ্য
9.	Photocatalytic Degradation of Textile Dye Pollutants Using CdS/ZnO Nanocomposites	Dr. Md. Ashraful Islam Molla Associate Professor Department of Applied Chemistry & Chemical Engineering University of Dhaka, Dhaka-1000, Bangladesh Cell Phone: +8801552359706 E-mail: ashraful.acce@du.ac.bd	গ্রহণযোগ্য
10.	Compounds of tolfenamic acid with alkali and alkaline earth metals: synthesis and their biological activities	Dr. Md. Shahidur Rahman Associate Professor Department of Chemistry University of Dhaka Email- shahidur@univdhaka.edu 2. Md. Saiful Islam Assistant Professor	গ্রহণযোগ্য

11.	Novel bioactive compounds from Phyllanthaceae family to combat diseases	Dr Mohammad Shoeb Professor Department of Chemistry University of Dhaka, Dhaka-1000 E-mail: shoeb71@yahoo.com, Mobile: +8801715191988	গ্রহণযোগ্য
12.	“Synthesis of Magnetically Separable TiO ₂ /α-Fe ₂ O ₃ /g-C ₃ N ₄ Ternary Composite for the Photocatalytic Degradation of Antibiotic from Pharmaceutical Wastes”	Dr. Gulshan Ara Professor Department of Chemistry Jagannath University Mobile: +8801978252113 Email: gulshanara88@yahoo.com, gulshan@chem.jnu.ac.bd	গ্রহণযোগ্য
13.	“Phyto-assisted synthesis of metallic nanoparticles and their antimicrobial efficacy against pathogenic microorganisms of cereal crops”	Professor Dr. Md. Shohidul Alam Department of Agricultural Chemistry Bangladesh Agricultural University Mymensingh-2202 Number: +8801711450731 Email: shohidul.alam@bau.edu.bd	গ্রহণযোগ্য
14.	Electrochemical Detection and Characterization of Catalase (biomarker/disease indicator) at solid-liquid interface.	Dr. Gazi Jahirul Islam Associate Professor Department of Chemistry University of Barishal Barishal-8254 Cell: 01552349332 Email: gjahir@yahoo.com	গ্রহণযোগ্য
15.	Optimization of reaction condition for crosslinking carboxymethyl cellulose to synthesize crosscarmellose, a super disintegrating pharmaceutical excipient, with recovery of the reagents: A statistical approach using Design Expert software.	Abu Asad Chowdhury, PhD Professor Department of Pharmaceutical Chemistry Faculty of Pharmacy University of Dhaka Dhaka 1000. Bangladesh. Mobile: +88-01711-075-120. Email: asaddg27@du.ac.bd	গ্রহণযোগ্য
16.	Uniform Splitting Ability Evaluation of Bangladeshi Anti-hypertensive, Anti-diabetic, Anti-cholesterol and Anti-asthma Tablets.	Dr. Jakir Ahmed Chowdhury Department of Pharmaceutical Technology Faculty of Pharmacy University of Dhaka, Dhaka 1000. Phone: Office: +88 09666 911 463 Cell: +8801556333050 Email: jakir@du.ac.bd	গ্রহণযোগ্য

17.	Investigation of minerals and its nutritional value in green and ripen <i>Carica papaya</i> L. of different parts of Bangladesh.	Dr. Kamrul Hasan Associate Professor Department of Chemistry University of Dhaka Dhaka-1000, Bangladesh +8801610001662	গ্রহণযোগ্য
18.	'Development of a Rapid Analysis Method to Detect Adulterated Honey using FTIR Spectroscopy with Chemometrics Tools in Bangladesh'	Dr. Md. Atikul Islam Associate Professor Department of Chemistry Faculty of Science Hajee Mohammad Danesh Science and Technology University Dinajpur Cell: +8801712300090 Email: atikul1984@hstu.ac.bd	গ্রহণযোগ্য
19.	Bioactive Phytochemicals from Piper chaba H.: Identification, Biological Activities, and In Silico Evaluation of SARS-CoV-2 Main Protease Inhibitors"	Md. Hasanur Rahman Assistant Professor Department of Chemistry Faculty of Science University of Dhaka Cell: 01515214349 and 01931376997 Email: hasanur@du.ac.bd	গ্রহণযোগ্য
20.	Preparation of Polyvinyl alcohol-Chitosan-2-hydroxyethyl acrylate-based hydrogels by gamma radiation and their application in dye removal.	Dr. Md. Ashraful Alam Professor Department of Applied Chemistry and Chemical Engineering Noakhali Science and Technology University Mobile: +8801919818044 Email: ashraf.acce@nstu.edu.bd	গ্রহণযোগ্য
21.	Electrocatalytic Oxygen Evolution Reaction at Tungsten-Based Polyoxometalates Modified Graphite Electrode in Acidic Solution	Dr. Md. Mominul Islam Professor Department of Chemistry University of Dhaka Dhaka 1000, Bangladesh Tel: +88-01674-420-640 +88-0194-755-8235 Email: mominul@du.ac.bd mmislam01@yahoo.com	গ্রহণযোগ্য
22.	Multifunctional g-C ₃ N ₄ -Ce _x Bi _{1-x} OBr _{1-v} I _v heterojunction for visible light induced catalytic and voltaic applications	Professor Dr. Md. Nizam Uddin Department of Chemistry, Shahjalal University of Science and Technology, Sylhet-3114 Bangladesh.	গ্রহণযোগ্য

		Cell: (+880) 1926372680 Email: nizam3472@yahoo.com	
23.	Magnetically responsive synthetic polymer modified biocomposite particles for the separation of dyes from wastewater.	Dr. Md. Harun-Al-Rashid Ph.D. (Hokkaido University) Associate Professor Begum Rokeya University, Rangpur email: harun.brur.bd@gmail.com harun.chem@brur.ac.bd Contact: +880 1717 671869	গ্রহণযোগ্য
24.	Spectroscopic detection of heavy metal ions using green synthesized silver nanoparticles.	Dr. Md. Ahsan Habib Assistant Professor Chemistry Discipline Khulna University, Khulna Mobile: +8801757840291 E-mail: ahsanhru@ku.ac.bd	গ্রহণযোগ্য
25.	Smart Porous Hydrogel-based Colorimetric Sensors for Efficient Detection and Removal of Heavy Metal Ions	Dr. Abu Bin Imran Associate Professor, Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka Cell: +880-1712-762745. Email: abimran@chem.buet.ac.bd	গ্রহণযোগ্য
26.	Synthesis, characterization, and Oxygen Atom Transfer Activities of High Valent Oxovanadium Complexes with Hydrazone Ligands	Dr. Md. Kamal Hossain Professor Department of Chemistry Jahangirnagar University, Savar, Dhaka-1342 Mobile No: +88 01911 923724	গ্রহণযোগ্য
27.	Revolutionizing Wastewater Treatment: Zeolite Polymer (ZePol) Synthesis for Enhanced Heavy Metal Removal to Safeguard Human Health and the Environment	Dr. Muhammad Sarwar Hossain Associate Professor Chemistry Discipline Khulna University, Khulna-9208 Email: sarwar@chem.ku.ac.bd Mobile: 01712057254 Email: sarwar@chem.ku.ac.bd	গ্রহণযোগ্য
28.	pH-Dependent Phyto (Blumea lacera) Synthesis of Silver Nanoparticles (AgNPs) and Assessment of their Cytotoxicity, Anti-inflammatory and Anti-microbial Properties	Dr. Sumon Ganguli Associate Professor Applied Chemistry and Chemical Engineering University of Chittagong Cell:01757808239 Email:sumonganguli@yahoo.com	গ্রহণযোগ্য
29.	Fluorometric sensing of protein using Europium (III)-2-thenoyltrifluoroacetone-silver nanoparticles-protein system	Dr. Md. Kamruzzaman Associate Professor Department of Applied Chemistry and Chemical Engineering, Bangabandhu Sheikh Mujibur	গ্রহণযোগ্য

		Rahman Science and Technology University Cell: +8801777656796 mkamruzzamandu81@gmail.com	
30.	Dental enamel mimicking mineral bound dendritic polymer composites	Papia Haque, PhD Professor Department of Applied Chemistry and Chemical Engineering University of Dhaka Cell: 01711448896 Email: Papiahq@du.ac.bd	গ্রহণযোগ্য
31.	Development of graphene-based nanocomposite for the adsorptive removal of pharmaceuticals contaminant (PCs) from waste water	Dr. Abdul Kader Mohiuddin Lecturer Department of Chemistry University of Dhaka, Dhaka 1000 Cell: 01712207310 Email: akmohiuddin.che@du.ac.bd	গ্রহণযোগ্য
32.	Electrochemical Sensor Fabrication using Gold Nanoparticles doped Nickel-Copper Oxide Decorated SWCNTs for the Simultaneous Determination of Dopamine, Paracetamol, and 4-Aminophenol	Dr. Md. Abu Rashed Associate Professor Department of Chemistry MawlanaBhashani Science and Technology University Cell: 01738987088 Email: abu.rashed@mbstu.ac.bd	গ্রহণযোগ্য
33.	Synthesis Yttrium and Gadolinium doped Bismuth ferrites photocatalyst to produce hydrogen by splitting water.	Md. Masud Parvez Assistant Professor Department of Sciecnce and Technology, Bangabandhu Sheikh Mujibur Rahman Aviation and Aerospace University Lalmonirhat, Bangladesh. Cell: 01916618226 Email: masud.marura@bsmraau.edu.bd	গ্রহণযোগ্য
34.	Phytochemical and Biological Investigation on the Bark of <i>Mallotus nudiflorus</i> (Pitali).	Saуда Sultana Mimi Lecturer Department of Chemistry University of Dhaka, Dhaka-1000 Cell: 01814454112 Email: afrinchanda@gmail.com	গ্রহণযোগ্য নয়
35.	Biomedical Applications of Schiff Bases and Their Transition Metal Complexes: Experimental and Computational Studies	Dr. Md. Ali Asraf Associate Professor Department of Chemistry Rajshahi University Cell: 01718708033 Email: asraf.chem@ru.ac.bd	গ্রহণযোগ্য নয়

36.	Green synthesis and photocatalytic activity analysis of Spinel Copper Ferrite composite	Sagar Kumar Dutta Assistant Professor Chemistry Discipline Khulna University Cell: 01923941593 Email: sagar@chem.ku.ac.bd	গ্রহণযোগ্য নয়
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