



Research and Innovation Centre
Khulna University
Khulna



১৮.০৫.২০২৫খ্রি. তারিখে অনুষ্ঠিত Research Advisory Committee (RAC)-র ২১তম সভায় ২০২৪-২৫ অর্থবছরের ৩য় পর্যায় নিম্নলিখিত প্রকল্প সমূহ তাদের পার্শ্বে বর্ণিত অর্থ বরাদ্দসহ অনমোদন করেছেন।

S.L	ID	Name and Designation	Discipline	Title	RAC Approved Budget
1.	74	Md. Solaiman Jony Assistant Professor	Education	Assessing the Impact of Continuous Assessment (CA) Practices on Students' Academic Performance at Khulna University	2,50,000
2.	88	Prof. Dr. Md. Harunor Rashid Khan	Physics	Utilization of nuclear research reactor for studying the radioactive and nonradioactive nuclides in differential suites of soil samples	10,00,000
3.	71	Shapla Singha Assistant Professor	Drawing and Painting	Women's Resilience in the Coastal Sundarbans: A Multigenerational and Heritage Rooted Visual Exploration	6,00,000
4.	97	Dr. Md. Menhazul Abedin Associate Professor	Statistics	A Face-to-Face Interview for the Evaluation of Menstrual Hygiene Management Among Female University Students in Khulna District, Bangladesh: A Statistical Analysis	4,00,000
5.	68	(a) Prof. Dr. Kazi Masudul Alam (b) Md. Farhan Sadique Lecturer	CSE	Automating Campus Healthcare: Enhancing Efficiency at Khulna University's Medical Center	8,00,000
6.	101	Md.Hasan Mahmud Lecturer	History & Civilization	Exploring the Socio-Cultural and Historical Legacy of Mainamati: An Architectural Analysis of Colonial Influences in Bengal.	4,50,000
7.	67	(a) Dr. Manishankar Mondal Associate Professor (b) Mr. Atanu Shome Assistant Professor	CSE	Proactively detecting bugs in code clones through analyzing clone authorship	4,70,000
8.	72	Prof. Dr. Abdullah-Al Nahid	ECE	Adaptation of Machine Learning and IoT to Enrich Fish Production through Aqua Monitoring	6,00,000
9.	63	Sagar Kumar Dutta Assistant Professor	Chemistry	Mechanistic Study of Metal Oxide Nanoparticle-Loaded Cellulose-Based Chitosan/PVA Hydrogels for Sustainable Agricultural Applications	5,00,000
10.	90	Rinku Majumder Associate Professor	Physics	Theoretical investigation of potential halide-based perovskites for sustainable and eco-friendly optoelectronic applications: A first-principles investigation	5,00,000
11.	77	Prof. Dr. Abul Farah Md. Hasanuzzaman	FMRT	Analysis of Stomach Content and Proximate Composition, Amino Acid, Fatty Acid Profile of Goldsilk Seabream <i>Acanthopagrus berda</i> (Forsskål, 1775)	5,00,000
12.	85	Safayat Hossen Assistant Professor	MCJ	Exploring the Perceived Influence of Social Media Influencers on Generation Z in Determining Purchasing Preferences: A Mixed Method Study	4,00,000
13.	86	Prof. Dr. Jamil Ahmad Shilpi	Pharmacy	Chemical and Microbiological Profiling of Propolis from the Sundarbans.	9,50,000
14.	60	Prof. Dr. Debesh Das	AT	Integrated Application of Bio-stimulants and Soil Mulches for Improving Physio-Biochemical Attributes and Fruit Yield of Bell Pepper under Deficit Irrigation	8,00,000
15.	89	(a) Karimul Hoque Associate Professor (b) Prof. Dr. Md. Ashraf Ali CUET	Physics	Development of New MXene-Based Anode Materials for Li-Ion Batteries from 312 MAX Phases [M = Hf, Mo, Ta, Zr; A = Ga, Ge; X = N]: A Computational Study	4,00,000
16.	66	Dr. A.B.M. Nazmul Islam	Chemistry	Waste to worth- Sustainable small molecule	4,00,000

		Associate Professor		adsorption onto natural resources-derived porous carbon materials	
17.	96	Md. Ripul Kabir Associate Professor	Sociology	Nature and Trends of Postnatal Care of Post-waterlogged Women in Khulna District	4,10,000
18.	64	(a) Dr. Md. Mahiuddin Associate Professor (b) Prof. Dr. Ismail Md. Mofizur Rahman Institute of Environmental Radioactivity Fukushima University, Japan	Chemistry	Development of iron oxide nanoparticles-based magnetic carbonaceous nanocomposites for removing of radionuclides from contaminated water	4,50,000
19.	65	Prof. Dr. Md. Rezaul Haque	Chemistry	Modification of Polyurethane Sponge by One-pot Emulsion Polymerization for Oil-Water Separation	3,00,000
20.	93	(a) Monotos Mondol Assistant Professor (b) Goutam Chowdhury Assistant Professor	Sculpture	Miniature Sculpture Manufacturing and Marketing Process: Utilization and Feasibility of Modern Lost Wax Jewelry Making Technology	4,50,000
21.	95	Prof. Dr. Tuhin Roy	Sociology	Strengthening Sustainable Livelihoods through Gender-sensitive Occupational Interventions in Disaster Affected Coastal Communities of Khulna District	4,90,000
22.	81	(a) Prof. Dr. Md. Nabiul Islam Khan (b) Prof. Dr. Abdus Subhan Mollick	FWT	Ecosystem Carbon stocks in the Sal Forests of Bangladesh	4,80,000
23.	98	Dr. Md. Maniruzzaman Assistant Professor	Statistics	Classification and Prediction of Under-Five Childhood Morbidity in Bangladesh Using Statistical Models	3,00,000
24.	87	Prof. Dr. Utpal Kumar Karmakar	Pharmacy	Chemical and biological exploration of Tetrastigma angustifolium and Suregada multiflora with GC-MS analysis and molecular docking study	3,50,000
25.	100	Prof. Dr. Shaikh Motasim Billah	SWE	Monitoring and Assessing the Top Soil and Surface Water Quality at Landfill Sites: A Comprehensive Case Studies in Rajbandh, Khulna City Corporation Dumping Area	5,00,000
26.	61	Prof. Dr. Md. Noor Un Nabi	BA	Assessing the Role of Resource-Induced Coping Heuristics and Learning Approach in Entrepreneurial Opportunity Recognition: A Randomized Controlled Trial Among Bangladeshi University Students	6,00,000
27.	75	Prof. Dr. Md. Shahjahan Kabir	English	Enhancing English Language Proficiency for the Professionals at Freelancing Industry in Khulna District: Challenges and Solutions	3,50,000
28.	84	Prof. Dr. Sarder Firoz Ahmmmed	Mathematics	Radioactive EMHD Flow of a Chemically Reactive Fluid Past an Inclined Surface	3,50,000
29.	69	Farhana Hoque Assistant professor	Development Studies	Integrating Land Tenure Security for Sustainable Development: A Case on Urban Informal Settlements, Bangladesh	3,25,000
30.	99	Dr. Md. Tareq Bin Salam Associate Professor	SWE	Exploring the Rold of Novel Plant Growth-Promoting Halotolerant Microbial Strains in Fostering Halophytic Plant Growth and Enhancing Soil Salinity Reduction	4,50,000
31.	94	Nishana Afrin Nishu Lecturer	Sociology	Cyberbullying Perception and Experience among the female university students in Bangladesh	4,00,000
32.	57	Prof. Dr. Sarder Safiqul Islam	AT	Effects of Probiotic and Enzyme Supplementation on Milk Yield, Blood Profile and Digestibility of Crossbred Dairy Cows in Southwest Bangladesh	6,24,000
33.	92	Chitram Sen Anik Lecturer	Printmaking	Investigate the alternative printmaking surfaces and materials in tertiary art education of Bangladesh	5,00,000
34.	58	Prof. Dr. Mohammad Bashir Ahmed	AT	Assessing Farmer Perceptions and Jackfruit Borer	3,50,000

				Infestation Patterns in Jashore, Kushtia, and Jhenaidah of Bangladesh	
35.	59	Prof. Dr. Md. Monirul Islam	AT	Integrated Genetic, Morphological, and Biochemical Approaches for Evaluating Genetic Diversity and Selecting Superior Aromatic Rice Cultivars in Bangladesh	7,50,000
36.	73	Prof. S. M. Shamsul Alam	ECE	Developing an Integrated Surveillance System for Khulna University by Enhancing Safety and Security through Camera Footage and Peripheral Sensors	6,00,000
37.	80	Prof. Dr. Md. Rabiul Alam	FWT	RAPD-PCR based Genetic Diversity Analysis of Heritiera fomes (sundri) in the Sundarbans of Bangladesh	9,00,000
38.	62	Md. Nazmul Islam Lecturer	Bangla	Dakhil STEM Girls in Netrokona District: Goals and Dreams of STEM Girls, their Parents, and Teachers	3,00,000
39.	79	(a) Shamima Sultana Associate Professor (b) Prof. Dr. Ghausiatur Reza Banu	FMRT	Rhizophora apiculata plant derived extracts to treat Acute Hepatopancreatic Necrosis Disease of Shrimp	7,00,000
40.	76	Prof. Dr. Abdullah Harun Chowdhury	ES	Heavy metal remediation by using different biochar: an environment-friendly approach to contaminated soil restoration	6,00,000

Total

2,05,49,000 /=