

Khulna University of Engineering & Technology
UGC Funded Project
Fiscal Year 2015-2016

SL. No.	Research Title (Tentative)	Name & Designation of the Teacher.
01.	Development and Hardware Implementation of New Search Algorithm for Motion Estimation in H.264/AVC	Md. Salah Uddin Yusuf Assoc. Prof., Department of EEE KUET
02.	Synthesis and Biological Evaluation of Fused Chalcone-thiazole Derivatives as Antibiotic and Antioxidant Agents	Junaid Uddin Ahmed Lecturer, Department of Chemistry KUET
03.	Fabrication of Composite from Leather Buffing Dust for using in Footwear and Leather Products Industry	Dr. Md. Abul Hashem Assistant Professor. Department of LE KUET
04.	Mango Sorting and Grading Based on Automated Machine Vision System with Quality and Sweetness Determination	Dr. Md. Foisal Hossain Assoc. Prof., Department of ECE KUET
05.	Electro-synthesis and Characterization of Some Functional Drug Derivatives	Prof. Dr. Md. Abdul Motin Department of Chemistry KUET
06.	Landscape Planning of Government Primary Schools in Bangladesh: A Case of Khulna City	Tusar Kanti Roy Asstt. Prof., Department of URP KUET
07.	Synthesis of Chitosan and Metal Oxide Based Nanoparticle Composites for the Application of Water Treatment	Mohammed Enamul Hoque Lecturer, Department of Chemistry, KUET
08.	Phytochemical and Antimicrobial Studies on Piper Chaba (Chui Jhal)	Dr. Md. Maniruzzaman Lecturer, Department of Chemistry, KUET
09.	Soil Salinity Change in Different Time Period and Its Impact on Land Use Change in Southern Coastal Area of Bangladesh	Dr. Md. Manjur Morshed Asstt. Prof., Department of URP KUET
10.	Design and Analysis of Metamaterial Based Optical Waveguide Biosensor	Prof. Dr. Md. Faruque Hossain Department of ECE KUET
11.	Stability Analysis of Power Distribution Systems in the Presence of Renewable Energy Sources	Dr. Naruttam Kumar Roy, Asstt. Professor Department of EEE KUET
12.	Modeling and Simulation of Nanoelectronic Devices	Prof. Dr. Md. Rafiqul Islam (1) Department of EEE KUET
13.	Experimental Characterization of Visible Light Communication System for Indoor Wireless Data Transmission	Dr. Pallab Kumar Choudhury, Assoc. Professor Department of ECE KUET
14.	Analysis and Reduction of Defects of Casting	Mst. Nazma Sultana,

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	Materials by Changing Green Sand Parameters and Using Casting Simulation Technique	Lecturer Department of IEM KUET
15	Performance Investigation of PON Based Open Access Networks Using Concatenated OCDM Technology	Dr. Monir Hossen, Asstt. Professor Department of ECE KUET
16	Seismic Strengthening of a Three Story Masonry Building at KUET Residential Area (Bldg No. 10) with Fiber Reinforced Polymer (FRP)	Md. Ataur Rahman, Asstt. Professor Department of CE KUET
17	Compact Township Titled as Palli Janapath is a Remedy Against Environmental Challenges and Sluggish Economy in Bangladesh	Md. Esraz-Ul-Zannat, Asstt. Professor Department of URP KUET
18	Estimation of Vibrational Properties of Disordered 2D Materials	Dr. Md. Sherajul Islam, Asstt. Professor Department of EEE KUET

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04.	Mango Sorting and Grading Based on Automated Machine Vision System with	Dr. Md. Foaisal Hossain

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	Quality and Sweetness Determination	Assoc. Prof., Department of ECE KUET
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