Khulna University of Engineering & Technology UGC Funded Project Fiscal Year 2012-2013

SL.	Research Title	Name & Designation of the Teacher.
No.		
01.	Redox interaction of human body containing	Dr. Md. Abdul Motin
	electroactive metal- aminoacid complexes with single	Associate Professor
	and multi-step electron transfer reaction	Department of Chemistry
02.	Construction of Unmanned Aerial Vehicle (UAV) using	Dr. Mohammad Mashud
	Coanda Effect	Professor
		Department of Mechanical Engineering
03.	Effect of thickness of hollow porous ceramic block on	Dr. Quazi Hamidul Bari
	the production of distillate from an innovative column	Professor
	type solar desalination unit	Department of Civil Engineering
04.	Electromagnetic wave propagation in biological tissues	Prof. Dr. Md. Osman Goni
	and the utilization of electromagnetic waves for	Dept. Of Electronics & Communication
	therapeutic or diagnostic purposes	Engineering
05.	Capacity building of weather prediction system at	Dr. Md. Abdullah Elias Akhter
	KUET for Bangladesh using ARW model	Associate Professor
		Department of Physics
06.	Design and Development of Intelligent Software to	Dr. Muhammad Aminul Haque Akhand
	Convert Traditional Bangla Fonts to Unicode fonts	Associate Professor
		Computer Science and Engineering
07.	Channel Estimation and Performance Improvement of	Dr. Mohammad Shaifur Rahman
	MIMO-OFDM Communication System	Associate Professor
00		Dept. of EEE
08.	Design and Implementation of Communication System	Dr. Md. Faruque Hossain
	Modules for Laboratory Experiment and Research	Assistant Professor
		Dept. of ECE
09.	An efficient approach towards Fingerprint Recognition	Dr. Muhammad Sheikh Sadi
		Associate Professor
1.0		Dept. of CSE
10.	Eigen-face based Multiple Face Detection and	Dr. Muhammad Sheikh Sadi
	Recognition in Real Time	Associate Professor
11	A Salf Organizina Lagraina Armay System for Decree	Dept. of CSE
11.	A Self Organizing Learning Array System for Power Quality Classification	Dr. Md. Shahjahan Associate Professor
	Quality Classification	Dept. of EEE
12.	Productivity of tubular solar still, a new sustainable low	Prof. Dr. Kh. Md. Shafiul Islam
12.	cost solar desalination unit.	Dept. of CE
13.	Strengthening the Resilience to Climate Change in	Dr. Md. Shahjahan Ali
15.	Polder Enclosed Beel Community in Coastal Region of	Associate Professor
	Bangladesh	Dept. of CE
14.	Strengthening and Performance Evaluation Of Masonry	Md. Ataur Rahman
	Shear Wall Using Different FRPs	Assistant Professor
		Dept. of CE
		T-4-1 T1- 1002100/

Total Tk.=1892100/-

SL. No.		Name & Designation of the Teacher.
01.	Redox interaction of human body containing electroactive	Dr. Md. Abdul Motin
	metal- aminoacid complexes with single and multi-step	Associate Professor

SL. No.	Research Title	Name & Designation of the Teacher.
	electron transfer reaction	Department of Chemistry
03.	Effect of thickness of hollow porous ceramic block on the production of distillate from an innovative column type solar desalination unit	Dr. Quazi Hamidul Bari Professor Department of Civil Engineering
05.	Capacity building of weather prediction system at KUET for Bangladesh using ARW model	Dr. Md. Abdullah Elias Akhter Associate Professor Department of Physics
06.	Design and Development of Intelligent Software to Convert Traditional Bangla Fonts to Unicode fonts	Dr. Muhammad Aminul Haque Akhand Associate Professor Computer Science and Engineering
07.	Channel Estimation and Performance Improvement of MIMO-OFDM Communication System	Dr. Mohammad Shaifur Rahman Associate Professor Dept. of EEE
08.	Design and Implementation of Communication System Modules for Laboratory Experiment and Research	Dr. Md. Faruque Hossain Assistant Professor Dept. of ECE
10.	Eigen-face based Multiple Face Detection and Recognition in Real Time	Dr. Muhammad Sheikh Sadi Associate Professor Dept. of CSE
11.	A Self Organizing Learning Array System for Power Quality Classification	Dr. Md. Shahjahan Associate Professor Dept. of EEE
12.	Productivity of tubular solar still, a new sustainable low cost solar desalination unit.	Prof. Dr. Kh. Md. Shafiul Islam Dept. of CE
13.	Strengthening the Resilience to Climate Change in Polder Enclosed Beel Community in Coastal Region of Bangladesh	Dr. Md. Shahjahan Ali Associate Professor Dept. of CE
14.	Strengthening and Performance Evaluation Of Masonry Shear Wall Using Different FRPs	Md. Ataur Rahman Assistant Professor Dept. of CE