

খুলনা প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়

খুলনা-৯২০৩

অফিসাদেশ

অত্র বিশ্ববিদ্যালয়ের গত ১২/০৫/১৪ তারিখে অনুষ্ঠিত (CASR) এর ৩৩ তম সভার সিদ্ধান্ত ৩৩/০৫ অনুযায়ী ২০১৪-১৫ অর্থ বছরের জন্য নিম্নলিখিত ১৪ (চৌদ্দ) জন শিক্ষককে নিম্নে প্রদত্ত ছকে উল্লেখিত বাজেটসহ গবেষণা প্রকল্প অনুমোদন করা হলো।

SL. No.	Research Title (Tentative)	Name & Designation of the Teacher.	Modified Budget by Standing Committee	Will any Degree be Offered with this Research
01.	Design and Implementation of Structural Design and Communication System of a Cube Satellit.	Professor Dr. Md. Nurunnabi Mollah. Department of EEE KUET	A) Cost of Materials =53,000/- B) Conveyance =15000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =36,000/- <u>Total Tk. =120,000/-</u> (Inword: Tk. One lac Twenty thousand only)	No
02.	Ultrasound Imaging Based Detection of Cardio-vascular Diseases Using Computational Model of Blood Flow	Dr. A. B. M. Aowlad Hossain, Associate Professor. Department of ECE KUET	A) Cost of Materials =16,000/- B) Conveyance =Nil C) Computer Diskette, Ribbon, Paper. = 2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =18,000/- <u>Total Tk. =50,000/-</u> (Inword: Tk. Fifty thousand only)	No
03.	Sensor Erection for the Instantaneous Detection and Quantification of Phenolic Pollutants	Professor. Dr. Mohammad Abu Yousuf, Department of Chemistry KUET	A) Cost of Materials =89,170/- B) Conveyance =Nil C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =Nil <u>Total Tk. =105,170/-</u> (Inword: Tk. One lac Five thousand One hundred Seventy only)	Yes
04.	Fabrication, Microstructure Characterization and Evaluation of Mechanical Properties of Glass/Coir/Jute Fiber hybrid Polymer Composites	Dr. Md. Rafiquzzaman Assistant Professor Department of IEM KUET	A) Cost of Materials =66,200/- B) Conveyance =15000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant = Nil <u>Total Tk. =97,200/-</u> (Inword: Tk. Ninety seven thousand Two hundred only)	Yes

SL. No.	Research Title (Tentative)	Name & Designation of the Teacher.	Modified Budget by Standing Committee	Will any Degree be Offered with this Research
05.	Two Dimensional Numerical Modeling of InN-based Double Channel High Electron Mobility Transistors (DHEMTs) by Self-Consistent Analysis	Professor Dr. Md. Rafiqul Islam (2) Department of EEE KUET	A) Cost of Materials =Nil B) Conveyance =1000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =36000/- <u>Total Tk. =53,000/-</u> (Inword: Tk. Fifty three thousand only)	Yes
06.	Digital Image Watermarking Based on Chaotic System	Dr. Md. Foisal Hossain Assistant Professor Department of ECE KUET	A) Cost of Materials =8000/- B) Conveyance =5000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =30000/- <u>Total Tk. =59,000/-</u> (Inword: Tk. Fifty nine thousand only)	No
07.	Effect of Industrial Wastewater Discharge from Faridpur Sugar Mill on Chandana River and Development of a Pilot-scale Treatment Plant	Professor Dr. Khondoker Mahub Hassan Department of CE KUET	A) Cost of Materials =71,000/- B) Conveyance =15000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =18000/- <u>Total Tk. =120,000/-</u> (Inword: Tk. One lac Twenty thousand only)	Yes
08.	RFID Based Smart Tollplaza System Employing 8051 Microcontroller	Sk. Shariful Alam Assistant Professor Department of ECE KUET	A) Cost of Materials =25,000/- B) Conveyance =Nil C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =30,000/- <u>Total Tk. =71,000/-</u> (Inword: Tk. Seventy one thousand only)	No
09.	Development and Characterization of Polymer Composite Based Fiber Board from Pineapple Waste	Md. Milon Hossain Lecturer Department of TE KUET	A) Cost of Materials =70,300/- B) Conveyance =10,000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10000/- G) Honorarium of the Research Assistant = Nil <u>Total Tk. =96,300/-</u> (Inword: Tk. Ninety Six thousand Three hundred only)	No

SL. No.	Research Title (Tentative)	Name & Designation of the Teacher.	Modified Budget by Standing Committee	Will any Degree be Offered with this Research
10.	Sensitivity Study for the Simulation of Tornado/ nor'wester During Pre-monsoon Season over Bangladesh Using High Resolution WRF-ARW Model	Professor Dr. Mahbub Alam Department of Physics KUET	A) Cost of Materials =14,000/- B) Conveyance =15,000/ C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =Nil <hr/> Total Tk. =45,000/- (Inword: Tk. Forty five thousand only)	Yes
11.	Synthesis of Fluorouracil Derivatives Having High Potent Against Cancer Cell	Dr. Mohammad Hasan Morshed Associate Professor Department of Chemistry KUET	A) Cost of Materials =68,500/- B) Conveyance =4,500/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =20,000/- <hr/> Total Tk. =109,000/- (Inword: Tk. One lac Nine thousand only)	No
12.	Preparation of Biodegradable Polymer Composite Material of Chitin and Chitosan from Shrimp Shell (Wast material) for Bone Tissue Engineering.	Gazi Jahirul Islam Lecturer Department of Chemistry KUET	A) Cost of Materials =79,000/- B) Conveyance =5000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =Nil <hr/> Total Tk. =100,000/- (Inword: Tk. One lac only)	No
13.	Vector Control of Brushless DC Motor	Professor Dr. Bashudeb Chandra Ghosh. Department of EEE KUET	A) Cost of Materials =55000/- B) Conveyance =10000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10000/- G) Honorarium of the Research Assistant =30000 <hr/> Total Tk. =111,000/- (Inword: Tk. One lac Eleven thousand only)	No

SL. No.	Research Title (Tentative)	Name & Designation of the Teacher.	Modified Budget by Standing Committee	Will any Degree be Offered with this Research
14.	Fabrication, Microstructure Characterization and Evaluation of Mechanical Properties of Aluminum/ Rice Husk Ash Composites for Windows/ Door Frame Application in the Context of Bangladesh	Professor Dr. Tarapada Bhowmick Department of ME KUET	A) Cost of Materials =53,000/- B) Conveyance =15000/- C) Computer Diskette, Ribbon, Paper. =2,000/- D) Typing, Binding Drafting etc. =2,000/- E) Miscellaneous =2,000/- F) Honorarium of the Project Director =10,000/- G) Honorarium of the Research Assistant =36000/- Total Tk. =120,000/- (Inword: Tk. One lac Twenty thousand only)	Yes
			Total = 12,56,670/-	

(Inword: Tk. Twelve lac Fifty six thousand Six hundred Seventy only)

(অধ্যাপক ডঃ মুহাঃ রফিকুল ইসলাম)
পরিচালক (গবেষণা ও সম্প্রসারণ)
ও
সদস্য সচিব
উচ্চ শিক্ষা ও গবেষণা কমিটি (CASR)
খুলনা প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়।

স্মারক নং :- খুপ্রবি/সিএএসআর/১৪/ (২৫) তারিখ : ০২/০৬/১৪ ।

অনুলিপিঃ অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য প্রেরণ করা হল :

- ০১। রেজিস্ট্রার, অত্র বিশ্ববিদ্যালয়।
- ০২। সংশ্লিষ্ট বিভাগীয় প্রধান, অত্র বিশ্ববিদ্যালয়।
- ০৩। গবেষণা প্রকল্প প্রাপ্ত সকল শিক্ষক, অত্র বিশ্ববিদ্যালয়।
- ০৪। কম্পট্রোলার, অত্র বিশ্ববিদ্যালয়।
- ০৫। পিএস টু ভিসি, অত্র বিশ্ববিদ্যালয়। ভাইস চ্যান্সেলর মহোদয়ের গোচরে আনার অনুরোধসহ।
- ০৬। সংরক্ষণ নথি।

(মোঃ এনামুল হক)
সহঃ পরিচালক (গবেষণা ও সম্প্রসারণ)
খুলনা প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়