

FINAL PROJECT REPORT

Title of the project: - Fabrication of p-i-n photovoltaic devices hybridized with core-shell CdSe/TiO₂ nanostructures for enhanced quantum efficiency

UGC Ref. No. F. :- 184-27/2014 (IC)

Name of the Institution: - Tezpur University

Principal Investigator: - Dr.Gazi Ameen Ahmed

Objectives: - To fabricate CdSe/TiO₂ core-shell nanostructures using colloidal chemistry and to incorporate them in p-i-n structures for making cost effective and environment-friendly solar cell devices.

Achievements: - Annexure-I

Papers published: - NIL

Patent (if any):- NIL

Personnel Exchange: - Annexure-II

Sanctioned Amount :- Rs.16,53,000/-

Utilization of Funds:- Annexure-III

Future plan: - NIL (Project closed)

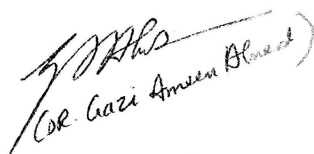
**Final Consolidated item wise Audited Statement of Expenditure of
UGC-UKIERI Thematic Partnership 2014-2016 project**

1. Name of the Principal Investigator : Dr.Gazi Ameen Ahmed
2. Dept. of University/College: Department of Physics, Tezpur University
3. UGC approval No. & Date: F-184-27/2014 (IC) dated June 27, 2014
4. Title of the UGC-UKIERI Thematic Partnership 2014-2016 project: " *Fabrication of p-i-n photovoltaic devices hybridized with core-shell CdSe/TiO₂ nanostructures for enhanced quantum efficiency*"
5. Effective date of starting the project : 01-07-2014
6. (a) Period of Expenditure : From April 01,2014 to 28.02.2016
(b) Details of Expenditure:

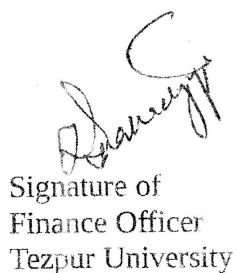
Heads	Amount Allocated	Grant released as 1st Installment (only one installment was received for the entire project period)	Expenditure from 01/03/2014 to 28/02/2016	Interest by Bank from 01/03/2014 to 28/02/2019
Visit of Indian team to UK				31,460
International Fare	10,22,000	5,11,000	5,09,432	
Visa Fees				
Overseas Medical Insurance				
Visit of UK team to India				
Local Travel	1,40,000	70,000	20,801	
Accommodation	91,000	45,500	35,097	
Manpower	2,40,000	1,20,000	0	
Project cost (includes purchase of any software/ books relevant to project)	80,000	40,000	0	
Contingency	80,000	40,000	0	
TOTAL	16,53,000	8,26,500	5,65,330	31,460

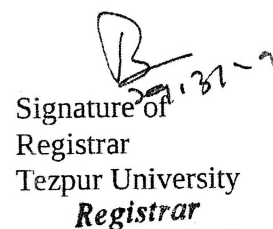
Balance as on 01/03/2016 : Rs.2,61,170 /-

Balance with Bank Interest as on 01/03/2019 : Rs.2,92,630 /-

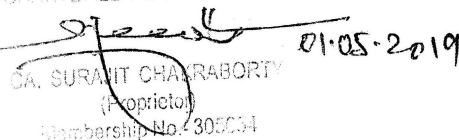

Dr. Gazi Ameen Ahmed

Signature of
Principal
Investigator


Signature of
Finance Officer
Tezpur University


Signature of
Registrar
Tezpur University
Registrar

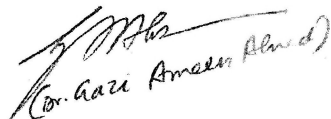
For SURAJIT CHAKRABORTY & CO
CHARTERED ACCOUNTANTS


CA. SURAJIT CHAKRABORTY
(Proprietor)
Membership No. 305094
01.05.2019

**UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI -110002**

FINAL UTILISATION CERTIFICATE

Certified that from the grant of **Rs.8,26,500/-** received from the University Grants Commission out of the sanctioned amount of **Rs.16,53,000/-** in the financial year 2014-2015 under the UGC-UKIERI Thematic Partnership 2014-2016 project in Tezpur University entitled "**Fabrication of p-i-n photovoltaic devices hybridized with core-shell CdSe/TiO₂ nanostructures for enhanced quantum efficiency**" vide University Grants Commission letter No.**F.184-27/2014 (IC)** dated **June 27, 2014**, and Bank Interest earned of **Rs.31,460/-** during the project period, an amount of **Rs.5,65,330/-** has been utilized during the financial period 2014-2016 for the purpose which it was sanctioned and the remaining balance of **Rs. 2,92,630/-** which includes Bank Interest till **31/03/2019** will be returned as the project has ended on **28/02/2016** in accordance with the terms and conditions laid down by the University Grants Commission vide **SBI NEFT UTR No: SBIN819099361244 dated 09/04/2019**.

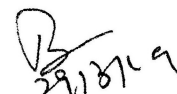

(Dr. Gazi Anwar Ahmed)

Signature of
Principal
Investigator



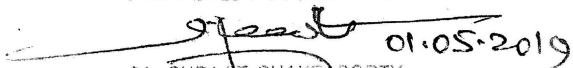
Signature of
Finance Officer
Tezpur University

Finance Officer
Tezpur University


29/07/19

Signature of
Registrar
Tezpur University
Registrar
Tezpur University

For SURAJIT CHAKRABORTY & CO.
CHARTERED ACCOUNTANTS


01.05.2019
CA. SURAJIT CHAKRABORTY
(Proprietor)
Membership No. 305054