



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

ऊर्जा विभाग / DEPARTMENT OF ENERGY

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM




कुलाध्यक्ष का सर्वोत्तम विश्वविद्यालय पुरस्कार, 2016, एनआईआरएफ़ भारत रैंकिंग 05 :2016 और नाक द्वारा ए ग्रेड प्राप्त  
Visitor's Best University Award, 2016, NIRF India Rankings 2016: 05 and accredited with NAAC 'A' grade

A REPORT ON

**Indo-UK Centre for Education & Research in Clean Energy (IUCERCE)**

1. Name of the Collaborative Activity:
  - i) Thermal comfort for semi-transparent building integrated photovoltaic (BIPV)-vacuum glazing system
  - ii) Soiling losses in PV module in different climatic conditions
2. Nature of Activity: Research and Development
3. Name of the Collaborating Agency/ Individual with affiliation, and contact details:
  - i) Prof. Tapas Kumar Mallick  
Environmental and Sustainability Institute  
University of Exeter, Penryn, Cornwall TR10 9FE, UK
  - ii) Dr. Aritra Ghosh  
College of Engineering, Mathematics and Physical Sciences  
University of Exeter, Penryn, Cornwall TR10 9FE, UK
4. Summary of collaboration: Collaborative research activities under the project 'India-UK Center for Education and Research in Clean Energy'. Activities on the thermal comfort in building using BIPV modules and soiling losses in PV modules in different climatic condition was studied. The study was carried out in UK and India environment for a comparative analysis.
5. List of year-wise activities under the collaboration:

Year	Activity
2018	Study on the thermal comfort inside building using BIPV modules
2019	Development of BIPV module for PV/Thermal application
2020	Study on the thermal comfort inside building using BIPV modules, Soiling loss in PV modules in different climatic conditions
2021	Soiling loss in PV modules in different climatic conditions

Signature of Faculty	Signature and Seal of Head of Department/ Centre/ Cell
 Name: Nabin Sarmah Designation: Assistant Professor	  Name: Debendra Chandra Baruah Designation: