

**INSTITUTIONAL COLLABORATION AGREEMENT  
BETWEEN  
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (IIT-KGP)  
AND  
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY (IEST)**

**Preamble**

IIT-KGP and IEST have agreed for a long-term institutional collaboration in education and research. The primary objective is to promote contact and collaboration between faculty, staff and students, carry out joint research programs including joint supervision of research students on a reciprocal basis. This document presents a general framework for such a relationship. Primarily the collaboration will be in the field of Solar Photo Voltaic, however depending on the progress and interest of the faculty members new areas may be added from time to time.

**Participation and Coordination**

The partnership shall initially be between the following:

- For IEST :
  - Centre of Excellence for Green Energy and Sensor Systems (CEGESS)
- For IIT-KGP :
  - Advance Technology Development Centre (ATDC)
  - School of Energy Science & Engineering (SESE)

Professor H. Saha shall be the Coordinator from IEST and Professor J. N. Roy shall be the Coordinator from IIT-KGP. The participants and Coordinators may change from time to time as decided by appropriate authority of the respective institutions.

**Areas of Cooperation**

The following have been identified as possible starting points of the partnership:

- Fabrication Technology for Solar Cell and Module
- Development of new materials
- Studies of Reliability of Solar Cells and Modules
- R&D on Energy Storage Technology

The areas of cooperation can be further increased by mutual consent and wherever required additional agreements will be separately detailed out and documented on a case to case basis.

**Research Student and Faculty exchange program:** The collaboration between the two sides may involve short visit of relevant faculty and research students to each other's organizations. Travelling cost of the visitors will be borne by their parent Institutes, where as the local hospitality will be borne by the host.

Cooperative research projects: The two parties will define joint collaborative inter-institutional research projects which will be submitted to appropriate funding agencies following the rules of each Institution.

Using Each Other's Facilities: Each Institute has created some specialized and unique facilities which may be shared at no cost basis by the researchers of the two institutes after receiving necessary approval from competent authority.

### **Intellectual Property**

Each institution will adhere to the intellectual property policy of their respective Institutions. Intellectual property developed during the visit of an exchange student will be governed by the rules of the host institute unless otherwise specified by an alternate agreement. The two institutions shall jointly own results of clearly defined collaborative projects and Research Student exchange programs. This joint ownership entitles each party to commercialize and create derivatives independently. Whenever one institution receives any information from the partner under a clearly defined non-disclosure agreement, necessary steps will be taken to protect the intellectual property received. Any proceeds out of the transfer of jointly developed/owned IP will be shared equally unless otherwise decided in separate agreement.

### **Validity**

This agreement is valid for an initial period of five years and becomes effective from the date it is signed by the partners. The partnership period may be extended by mutual consent. In case one partner wishes to cancel the contract, intimation will have to be sent in writing. The termination will be effective from six months after the receipt of the intimation.

Director  
IEST, Shibpur  
Howrah, West Bengal

Director  
Indian Institute of Technology Kharagpur  
Kharagpur, India

Date : 10 NOV, 2014

Date : 22-10-14