1. **Name:** Prof.Partha Chaudhuri
2. **Designation:** Visiting Professor
3. **Office address:** Centre of Excellence for Green Energy and Sensor Systems

Indian Institute of Engineering Science and Technology

Shibpur, Howrah - 711103

email : partha.iacs@live.com

1. **Home address:** 16 K. K. Mitra Road

Barasat, 24 Parganas (N), Kolkata – 700124

Phone : 09331007056

1. **Membership of Professional Bodies**
   * 1. Associate Editor (Honorary) of Indian Journal of Physics (2004 – 2010)
     2. Life member of Material Research Society of India
     3. Life member of Solar Energy Society of India
     4. Life Member of Indian Physical Society
2. **Education:**

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| --- | --- | --- | --- |
| Degree/Course | University/ Institute | Year | Class/ Remark |
| M. Sc. (Physics) | Calcutta University | 1976 | I |
| Post M.Sc. Associateship | Saha Institute of Nuclear Physics | 1979 | Associateship awarded |
| Ph. D. | Calcutta University | 1986 | Ph. D. (Phys.) degree awarded |
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1. **Job experience:**

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| --- | --- | --- | --- |
| Year | |  | Designation |
| From | To |  |  |
| 1984 | 1986 |  | Research Assistant (UNDP/MNES Project at Indian Association for the Cultivation of Science (IACS)) |
| 1986 | 1991 |  | Lecturer (UNDP/MNES Project at IACS) |
| 1992 | 1996 |  | Senior Lecturer (IACS) |
| 1997 | 2003 |  | Reader(IACS) |
| 2003 | 2008 |  | Professor(IACS) |
| 2009 | 2015 (November) |  | Senior Professor(IACS) |
| 2016 | Present |  | Visiting Professor (IIEST) |

1. **Professional experience:**
2. Head of the Department of Energy Research Unit, IACS (2001 – 2004, 2012 - 2015)
3. External Expert at Indian Institute of Technology, Bombay;Indian Institute of Engineering Science and Technology,Shibpur;Vidyasagar University, Medinipur;MoulanaAbulKalam Azad University of Technology, Kolkata; National Institute of Technical Teachers Training and Research, Kolkata; MeghnadSaha Institute of Technology, Kokata; NeotiaInstitute of Technology,Management and Science, Kolkata; Vel Tech University, Chennai etc.
4. **Teaching Experience:**
5. Visiting Professor Indian Institute of Engineering Science and Technology, Shibpur (2016- present)
6. Guest facultyJadavpurUniversity (1998 – 2014)
7. Guest faculty Presidency College, Kolkata (2003)
8. Conducted Course Work at IACS (2008-15)
9. **Research Experience:**

Prof. Partha Chaudhuri’s main research interest is the study of solar cells. He executed several Govt. of India research projects on basic and applied physics. He represented India in an International Photovoltaic Energy Program called PEP’93 which resulted in a globally recognized measurement standard for solar cells and modules. Under another Project he developed a solar cell measurement system at the Solar Energy Centre (now National Institute of Solar Energy) under Ministry of New and Renewable Energy, Govt. of India. He developed a completely indigenous solar cell characterization facility at IACS that has been utilized by many Indian research laboratories and industries. He had carried out several collaborative research projects with reputed research institutes and industries abroad (France, Japan and USA). At IACS he developed a Nano Imprint Lithography system for generation of micro/nano patterns on solar cells for efficiency enhancement. While working in India several patents have been obtained in his name. After retirement from IACS he has joined IIEST as a Visiting Professor and is continuing his research and teaching activities.

**Publications:**

Journal publications: 70+

Book Chapters: 3

Publications in conference proceedings: 70+

Patents: 3