



Department of Science & Technology  
Govt. of India



IUSSTF  
Indo-US Science and Technology Forum

# Bhaskara Advanced SOLAR ENERGY FELLOWSHIP PROGRAM

Recognizing that climate change, clean and efficient energy and environmental protection are among the biggest challenges facing India and the United States; the **Department of Science and Technology, Govt. of India** through its Solar Energy Research Initiative, and the **Indo-U.S. Science and Technology Forum (IUSSTF)** are committed to tackling these issues by building capacity in these frontier areas.

To nurture future innovators and thought leaders in Solar Energy, the **Bhaskara Advanced Solar Energy (BASE) Fellowship Program** - a dynamic and transformative program has been developed to foster contacts between students and scientists from India and the United States.

## Eligibility

### For Student Internships

- Indian citizens currently pursuing a Ph.D. on a full-time basis in the field of Solar Energy in a public-funded R&D lab/S&T institution (non-private) / recognized academic institute / university / college in India;
- Age: Upto 32 years as on 31 December 2013

### For Fellowships

- Indian citizens with a Ph.D. in Science, Engineering or Technology
- Applicants must provide proof of independent research work in internationally recognized academic journals.
- Open only to applicants working in the field of Solar Energy
- Age: Upto 40 years as on 31 December 2013
- A permanent position in a public funded R&D lab/S&T institution (non-private)/recognized universities/colleges in India.

## Broad categories for Research (indicative list)

- Solar Photovoltaics
- Solar Thermal
- Grid Interaction including Smart Grids
- Energy storage
- System Development and Integration
- Other (any other related area in Solar Energy)

## Place of work

The applicant should have a letter of acceptance from a reputed U.S. scientific/technological institution where he/she would undertake the research work under the Fellowship/Internship.

## The Program is envisaged to:

- provide an opportunity to the best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading U.S. institutions;
- promote research and capacity building in the frontline area of Solar Energy;
- encourage and motivate outstanding students to take up research as a career path; and
- pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

## Fellowship/Internship includes

- Monthly Stipend
- Air-fare
- Contingency allowance

## Duration

- Internship: Minimum 3 months and upto 6 months
- Fellowship: Minimum 3 months and upto 12 months

**SUBMISSION DEADLINE: 20 DECEMBER 2013**

For program information contact:

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**Indo-US Science and Technology Forum**

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