



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 / recognized academic institute / university / college in India;
- Age: Upto 32 years as on 31 December 2019

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 2019
- A regular position in a public-funded R&D Laboratory/S&T institution/recognized academic institute (University/ College) 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: 31 JANUARY 2020

For program information contact:

Indo-US Science and Technology Forum

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