

Dr. Rajiv Sharma
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Sub: BASE Fellowship Program 2014

01 October 2013

Dear Prof. Tuli,

To nurture scientists and researchers in Solar Energy, 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) have launched the **Bhaskara Advanced Solar Energy (BASE) Fellowship Program** - a dynamic and transformative program developed to foster contacts between students and scientists from India and the United States.

The program will 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 to promote research and capacity building in the frontline area of Solar Energy to address India-centric issues. It will 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.

I am enclosing the announcement flyer for the BASE Student Internship and Fellowship Program which may be kindly circulated/displayed to all concerned in your institution.

More information about the program is available on our website <http://www.indoustf.org/base-program/index.html>

If you have any questions, please contact my colleague **Dr. Nishritha Bopana** (jcerdc@indoustf.org).

We look forward to receiving suitable applications from your institution.

Best regards,

(Rajiv Sharma)

Prof. Suneet Tuli
Dean Industrial Research and Development
Indian Institute of Technology
Hauz Khas, New Delhi 11 00 16

e-mail circulation to

- All Faculty
- All Students



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:

Dr. Nishritha Bopana

Indo-US Science and Technology Forum

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Website: www.indousstf.org