



Department of Biotechnology  
Govt. of India



IUSSTF  
Indo-US Science and Technology Forum

# BIODIVERSITY ENERGY AWARDS

## for Cutting Edge Research (B-ACER)

Recognizing that clean and efficient energy, environmental protection and energy security are among the biggest challenges facing India and the United States; the Department of Biotechnology, Government of India and the Indo-U.S. Science and Technology Forum are committed to tackling these issues by building capacity in these frontier areas. To nurture future innovators and thought leaders in Biofuel and Bioenergy, we are happy to announce the **Bioenergy-Awards for Cutting Edge Research (B-ACER)** - a dynamic and transformative program developed to nurture contacts between students and scientists from India and the United States.

### 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 Biofuels and Bioenergy;
- 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.

### PRIORITY AREAS

- Systems & Synthetic Biology (to produce biofuels)
- Feed stock improvement (microalgae, macro algae, cellulosic biomass, tree born oil)
- Production Technology (cost-effective technology for bio-ethanol, algal biofuel, bio-butanol, bio-hydrogen, fuel cells, bio-refinery)

### ELIGIBILITY

#### For Student Internships

- Indian citizen currently pursuing a Ph.D. on a full-time basis in the field of Biofuel related area in public-funded R&D lab/S&T institution recognized academic institute/ university/college in India.

- Age: Upto 32 years as on 31 December 2017.

#### For Fellowships

- Indian citizen with a Ph.D. in Life Science, Biotechnology, Engineering or Technology holding a Regular Position in public funded R & D lab/ S & T institution/recognized universities/colleges in India
- Applicants must provide proof of independent research work in internationally recognized academic journals.
- Open only to applicants working in the field of Biofuel
- Age: Upto 45 years as on 31 December 2017.

### PLACE OF WORK

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

### 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

### For program information contact:

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For program details visit [www.iusstf.org](http://www.iusstf.org) or write to [energy.fellowship@indousstf.org](mailto:energy.fellowship@indousstf.org)

**Submission Deadline: 31 August 2017**