

Bioenergy-Awards for Cutting Edge Research (B-ACER) Fellowship

Application Guidelines

1. 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: Up to 32 years as on 31 December 2019

2. For Fellowships

- Indian citizen with a Ph. D. in Life Science, Biotechnology, Engineering or Technology
- Applicants must provide proof of independent research work in internationally recognized academic journals.
- Age: Up to 45 years as on 31 December 2019
- A regular Position in public funded R & D lab/ S & T institution /recognized universities/ colleges in India

3. Broad Categories for Research (indicative list):

- 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)
- Biotechnological interventions for integration of Bioenergy with Carbon Capture and Utilization.
- Biotechnological interventions for Waste to Energy
- Bio jet Fuels
- Microbial conversion of CO₂/CO/H₂ from effluents to fuels or chemicals.

4. Applications in subject-fields other than those specified above will not be considered.

5. The applicants parent institute has to protect the interests of the applicant selected for Internship/Fellowship w.r.t. his/her service, if any, and IUSSTF will not bear any expenses towards leave salary, Provident fund contribution, pensionary benefits, etc., for the period of stay in the United States.