



Positions Available at DBT-ICGEB Centre for Advanced Bioenergy Research

Positions are available to work on “Metabolic engineering of algal strains for high lipid and productivity for developing sustainable algal biofuel technology.

Research Associate (RA): one position

Eligibility: PhD in Life Sciences and related fields

Senior Research Fellow (SRFs): Three positions

Eligibility: M.Tech or Masters degree in Life Sciences and related fields with 1-2 years of research experience.

Junior Research Fellow (JRF): one position

Eligibility: M.Tech or Masters degree in Life Sciences and related fields.

Research Experience: Experience in handling algae and genetic transformation

Job Description:

- a). Chloroplast genome sequencing and annotation of important marine and freshwater algal species
- b) Genome Editing / Metabolic Engineering/ Synthetic Biology: Chloroplast and nuclear genome transformation to improve productivity in marine and freshwater algae for biomass and oil improvement.
- c) Syntrophy analysis between algae and other microbes (fungi/cyanobacteria) and phycoremediation of wastewater.
- d) Techno-economic: Bio-flocculation and pyrolysis study on combined biomass; direct FAME from wet biomass of algae

Application Deadline: 25 Aug 2017.

Project Duration: Initially for one year and it may be extended based on candidate performance till year 2022.

Please send a CV and brief write up of your research interests in algal research to Dr. Shashi Kumar by e-mail (shashi.icgeb@gmail.com)