



New Delhi,
02 March 2022

**JRF/SRF vacancy
Metabolic Engineering Group**

One Junior or Senior Research fellow is required for working in the Mission Innovation project (*Genetic engineering of microalgae for producing alkanes for further applications*, like drop in jetfuels) funded by DBT, Government of India. Applicant should have working experience in biotechnology, microalgae, microbiology, photosynthetic organisms to contribute in the thrust area of algal bioenergy using innovative synthetic biology approaches.

Eligibility for JRF/SRF: MSc/MTech in Life Sciences/Biotechnology with DBT-JRF/NET/GATE

Duration: 1 year

Application deadline: 15 March 2022

Prior experience: Wet lab, cell culture and molecular biology research experience

Job nature: In-silico designing of vectors, Genes-cloning, Synthetic Biology and Genetic Engineering of microalgae, PCR, RT-PCR, ddPCR, GC-MS, Southern and western blot analysis, DNA sequencing, cultivation of algae in photobioreactors, and maintenance of transgenic cultures of microalgae.

Apply: Please send your CV to <shashi.icgeb@gmail.com> with a brief writeup about your research experience.