



VACANCY NOTICE

One Research Associate (RA) and one Technical Assistant (TA) position in the Metabolic Engineering Group and one Research Associate position in the Yeast Biofuel Group are immediately available at ICGEB New Delhi under the DBT-supported project, “hydrocarbons from synthetic microbes and scale-up processing”. These positions are initially available for one year, with further extensions based on the candidate's performance up to 3 years or availability of funds.

Job description: The selected candidate will perform metabolic engineering of algae and yeast using synthetic biology to express heterologous genes, followed by process development for hydrocarbon production using engineered/synthetic microbes. A candidate with prior research experience in molecular biology, and genetic engineering, expert in scientific writing skills and interpretation of results, and willing to explore new tools for implementing the proposed objectives is desirable.

RA Eligibility for Metabolic Engineering Group: PhD in Life Sciences/Biotechnology with prior experience in wet lab and molecular biology using algae. In-silico designing of vectors, DNA cloning, Genetic transformation of microorganisms, PCR, RT-PCR, ddPCR, GC-MS, Southern blot analysis, DNA sequencing, outdoor cultivation of algae in photobioreactors, and in-vitro maintenance of transgenic algal cultures, etc.

TA Eligibility for Metabolic Engineering Group: BSc with 3 years of research experience or MSc/MTech in Life Sciences/Biotechnology.

RA Eligibility for Yeast Biofuel Group: Ph.D. in any discipline, including Computational Biology, Biotechnology, Life Sciences or another related field with in-depth experience in advanced molecular biology and bioinformatics.

Apply: Interested candidates email their latest curriculum vitae and cover letter (Cover letter must mention pertinent skills) to biofuelicgeb@gmail.com (Yeast Biofuel Group) on or before 6th November 2023 with the subject mentioned as “Application for RA position”. Similarly, Interested RA and TA candidates in Metabolic Engineering Group should send updated CV along with a brief writeup about their research experience via E-mail: shashi.icgeb@gmail.com