



ICGEB

International Centre for Genetic
Engineering and Biotechnology

New Delhi
25 June 2026

VACANCY NOTICE

Two Research Associates (RA-I/RA-II/RA-III) and one Technical Assistant (TA) position are immediately available in the Metabolic Engineering Group, ICGEB New Delhi, under the DBT-supported project, *“To develop a CO₂-biorefinery by carbon capture from flue gas through medium-large scale microalgal biomass production as feedstock for biofuels and value-added products”*.

The current two-year project is a collaboration between ICGEB New Delhi, CSIR-Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat, and CSIR-National Environmental Engineering Research Institute, Nagpur.

The above positions are initially available for one year, with further extensions based on the candidate's performance for an additional year, subject to fund availability.

Job description: The selected candidate will perform algae cultivation, genetic engineering, and genome editing to enhance carbon capture from industrial flue gases. A candidate with prior research experience in molecular biology and genetic engineering, strong scientific writing skills, the ability to interpret results, and a willingness to explore new tools to achieve the proposed objectives and develop proof of concept for commercial products.

RAs Eligibility: PhD in Life Sciences/Biotechnology with prior experience in wet lab and molecular biology using algae. In silico vector design, DNA cloning, Genetic transformation of microorganisms, PCR, RT-PCR, ddPCR, GC-MS, Southern blot analysis, western blotting, DNA sequencing, outdoor cultivation of algae in photobioreactors, and in vitro maintenance of transgenic microalgae, etc.

TA Eligibility: MSc/MTech in Life Sciences/Biotechnology.

To Apply: Interested **RAs** and **TA** candidates, write an email with their latest curriculum vitae stating their prior experience in genetic engineering of photosynthetic organisms (microalgae and plants), to: shashi.icgeb@gmail.com

Closing date for applications: 15 July 2026

