



**BITS Pilani IIT Roorkee Joint Ph.D. Position**

Date: 08/07/2026

Applications are invited from interested and motivated candidates for a fully funded PhD position under the BITS Pilani IIT Roorkee Joint Ph.D. program to work in the following project entitled “Rewiring Microalgal metabolism via Adaptive Laboratory Evolution for Flue Gas Valorization” under the supervision of Dr. Supratim Ghosh (Supervisor, BITS Pilani Hyderabad Campus) and Prof. Krishna Mohan Poluri (Co-supervisor, IIT Roorkee). The project will involve work related to microalgal cultivation and metabolomics which includes understanding the inner metabolic constraints of the organism when grown under high levels of CO<sub>2</sub>.

Number of Vacancy	01
Period	60 months
Essential Qualification	MTech/M.E. in Biotechnology/Biochemical Engineering/Chemical Engineering/Environmental Engineering/Bioprocess Technology or M.Sc. in Biotechnology/Life Sciences from a recognized university, with minimum 60% aggregate marks or equivalent CGPA.
Desired Skills	Prior experience in Algal cultivation/Biotechnology/Biological CO <sub>2</sub> sequestration/Metabolomics.
Fellowship	37,000 + 30% HRA per month Annual Contingency: 20,000/-
Age Limit	28 Yrs. Age relaxation: The upper age limit is relaxable up to 5 years in the case of candidates belonging to Scheduled castes/Tribes/OBC, women and Divyang candidates

**How to apply:** Interested candidates with the above-mentioned qualification can send a cover letter and their Resume giving detailed information about the educational qualifications, research experience and published research papers (if any) along with contact details of two references as a single PDF, by 28<sup>th</sup> July, 2026, to the supervisor, Dr. Supratim Ghosh email: [supratim.ghosh@hyderabad.bits-pilani.ac.in](mailto:supratim.ghosh@hyderabad.bits-pilani.ac.in). Please note that only qualified and suitable candidates will be called for interviews. The interview schedule will be sent to candidates via email. Selected candidates will be registered for the Ph.D. program subject to the fulfilment of the requirements of the Ph.D. qualification process as per the Institute norms.





**Notes:**

1. The student will be registered at BITS Pilani and, upon successful completion of all programme requirements, the PhD degree will be awarded by BITS Pilani.
2. The duration of the Ph.D. student's stay at IIT Roorkee will be mutually decided by the supervisor and Co-Supervisor based on the requirements of the research work. However, student is expected to spend at least 6 months, which could be extended up to 24 months at IIT Roorkee during the course of the PhD program.
3. For any queries regarding the position, please feel free to email the supervisor ([supratim.ghosh@hyderabad.bits-pilani.ac.in](mailto:supratim.ghosh@hyderabad.bits-pilani.ac.in)).
4. No TA/DA will be paid for attending the interview.

