



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी-781039, असम
Indian Institute of Technology Guwahati
Guwahati-781039, Assam
अनुसंधान एवं विकास कार्यालय
Research and Development Section

Applications are invited for an Online Interview for the following post in the project entitled " **Design and Development of a Demonstration Plant for Production of Marketable Grade Green Activated Carbon from Bamboo Dust**" at the Dept. of Chemical Engineering, IIT Guwahati.

Date: 10th August 2026 (Monday)

Time: 10:00 AM

Mode: Online

Venue: Google Meet

Sl No.	Project Staff Designation	Number of Vacancies	Pay Range	HRA (₹)	Medical Facility	Duration of Appointment	Qualifications
1	Project Engineer	01	Rs. 52000	18%	Yes	11 months	Essential Qualification: PhD in Engineering/Technology; or Master's degree with minimum 3 years of relevant experience; or Bachelor's degree with minimum 6 years of relevant experience, preferably in Chemical, Mechanical, Computer Science, AI, Data Science, or related disciplines. Skills and Experience: Minimum 3 years of experience in multidisciplinary R&D or technology-development projects. Proficiency in process modelling, AI/ML, data science, sensor-data analysis, software-tool development, data validation, and pilot-plant integration is required. Experience in requirement mapping, integrated system design, software implementation, lab-scale verification, validation, and deployment support is desirable. The candidate should possess sound technical judgement, effective communication and documentation skills, and strong analytical and problem-solving abilities. Software Skills: Python, MATLAB, AI/ML and data-analysis/science tools, and MS Office
2	Associate Project Engineer	01	Rs. 36000	18%	Yes	11 months	Essential Qualification: Master's degree in Engineering/Technology or Bachelor's degree with minimum 3 years of relevant experience, preferably in Chemical, Mechanical, Electrical, Instrumentation, Production, Energy, Environmental, or related disciplines. Skills and Experience: Experience in material characterization, product-quality evaluation, interpretation of analytical results, and preparation of technical reports is preferred. Experience in pyrolysis, biomass conversion, data analysis, and process improvement is desirable. Ability to support experimental activities and coordinate effectively with operators, laboratory staff, and project personnel. Software Skills: MATLAB, SolidWorks, AutoCAD, process-simulation and data-analysis tools, and MS Office.

3	Assistant Project Engineer	01	Rs. 33000	18%	Yes	11 months	Essential Qualification: Bachelor's degree in Engineering/Technology, preferably in Chemical, Mechanical, Electrical, Instrumentation, Production, Environmental, or related disciplines. Skills and Experience: Basic knowledge of mechanical systems, equipment operation, maintenance coordination, troubleshooting, and electrical systems. Experience in process monitoring, sampling, data recording, equipment inspection, maintenance, and technical documentation is desirable. Software Skills: MATLAB, SolidWorks, AutoCAD, MS Office, and data-analysis tools.
4	Plant Operator	03	Rs. 27000	20%	Yes	11 months	Essential Qualification: ITI or Diploma in Mechanical, Electrical, Chemical, Instrumentation, Production Engineering, or a related discipline. Skills and Experience: Experience in reactor, furnace, boiler, thermal-processing, or pilot-plant operation is desirable. Knowledge of electrical panels and process equipment. Ability to operate continuous and batch pyrolysis reactors in rotational shifts, including feeding, discharge, sampling, storage, start-up, shutdown, safety, and shift-record maintenance. Knowledge of start-up, shutdown, emergency procedures, PPE, fire safety, and high-temperature operations.
5	Lab Attendant	01	Rs. 17500	18%	Yes	11 months	Essential Qualification: 10th/12th, ITI, or Diploma in a relevant discipline. Laboratory or industrial experience is preferred. Skills and Experience: Previous experience in laboratory or industrial environments is desirable. Knowledge of good laboratory practices, safety procedures, material handling, waste segregation, and spill management. Ability to maintain laboratory and pilot-plant cleanliness; clean glassware, tools, and equipment; receive, label, arrange, and store materials and samples; and maintain housekeeping and activity checklists. The candidate should be physically capable of routine material handling and laboratory support activities.

How to apply and the selection process:

Interested and eligible candidates should apply online by visiting the Recruitment Portal of Research & Development Cell, IIT Guwahati (<https://iitg.ac.in/rndproj/recruitment/>) on or before 7th August, 2026.

Applicants must carefully follow the instructions and guidelines provided on the portal. The relevant position can be accessed by searching for the project title as mentioned in this advertisement.

For any technical assistance related to the online application process, candidates may contact through email **proman@iitg.ac.in**.

Shortlisted candidates will be informed via email. Application status can also be seen from the application portal.

For any clarification, contact:

Principal Investigator: Prof. Senthilmurugan Subbiah

Email: **senthilmurugan@iitg.ac.in**

Phone: +91 361 258 3527

Selection will be based on the performance of the candidate in the interview.

No TA/DA will be paid to the candidates for appearing in the test or interview

Project No: xCLEISPxNRL00985xxSS101

AR (R&D)

Advt. No: IITG/II&SI/Project Staff Rectt-2026/132