



## **Birla Institute of Technology & Science, Pilani** K K Birla Goa Campus

### **Project Associate position under Sustainable Bio solutions Pvt Ltd., India funded industry project**

Applications are invited for the position of -**Project Associate** - in the **Department of Chemistry** at BITS Pilani, K. K. Birla Goa Campus, Goa for a - **Sustainable Bio solutions Pvt Ltd., India**, sponsored research project titled “**Performance Evaluation of SUSBIO ECOTREAT Advanced Prefabricated Sewage treatment plant and IOT system.**”.

**Principal Investigator: Prof. Halan Prakash**

**Broad area of Research: Water Analysis and Treatment, Chemistry, Environmental Chemistry.**

The project aims to install and evaluate a 5 KLD SUSBIO Ecotreat advanced packaged sewage treatment plant (STP) at the BITS Pilani, K K Birla Goa campus. The evaluation will use conventional and IoT-enabled sensor-based methods to monitor water quality. Tertiary treatment processes will be assessed for energy consumption and by-product analysis. The findings will help determine the suitability of the treated water for various uses, in line with the Central Pollution Control Board (CPCB) and regulatory norms.

**Duration of the project:** One year with evaluation after six months. Candidate selected, and motivated to do PhD degree, will get a chance to apply for PhD degree at BITS Pilani, K. K. Birla Goa Campus

**Fellowship Amount (Rs.):** -30000/pm + 16% HRA if hostel is not availed

**Accommodation:** Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

**Qualification:** Post Graduate Degree in Basic Science (Chemistry, Environment Science, and allied sciences (Geology, Geochemistry), Microbiology, Biotechnology OR Graduate/Post Graduate in Degree in Professional Course (Chemical Engineering, Environmental Technology, Biotechnology) selected through a process described through any one of the following:-

1. Scholars who are selected through National Eligibility Tests- CSIR –UGC NET including lectureship (Assistant Professorship) and GATE.



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2. The Selection process through National level examinations conducted by central Government departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, IIT, IISc, IISER etc.

**How to Apply:** Interested candidates may send application and curriculum vitae with details of research experience to the principal investigator (email: [halanprakash@goa.bits-pilani.ac.in](mailto:halanprakash@goa.bits-pilani.ac.in)) **by 25<sup>th</sup> Oct , 2025**. Only shortlisted candidates will be contacted via e-mail for online/Personal interview to be held at BITS Pilani, Goa Campus and no TA/DA will be paid for the Interview.

**Selected candidate will get a chance to apply for PhD degree at BITS Pilani, K. K. Birla Goa Campus (Rules of PhD program for BITS Pilani are applicable)**

