



ONE Position of Research Fellow

‘Biofuels and Biochemicals Generation using Lignocellulosic Biomass in the Nation

BITS Pilani, K K Birla Goa Campus |

Deadline: 31st March 2026 |

Joining: At the earliest

Date: 9th Mar 2026

Applications are invited for **ONE Research Fellow** position in an industry-funded project titled “*Biofuels and Biochemicals Generation using Lignocellulosic Biomass in the Nation*”.

Principal Investigator: Prof. Abhishek Sharma

Co- Investigator: Prof. Bibek Uprety

Position	Scope of work	Essential Qualification	Desirable Qualification
Research Fellow	This project focuses on techno-enviro-economic evaluation of biomass pyrolysis pathways to value added chemicals. The work will involve process modelling, techno-economic and life cycle assessment and process optimization.	M.Sc Degree in Chemistry/Physics/Material Science/Nanotechnology; ME/M.Tech in Chemical Engineering or equivalent degree graduates from a reputed University/Institute with First class or equivalent grade.	Experience in process simulation, and techno-economic assessment is desirable. Familiarity with life cycle assessment (LCA) and proficiency in Python or MATLAB will be an added advantage.

Consolidated Pay: ₹37,000 per month + HRA

Duration: 1 year (extendable up to 4 years, depending on performance and subject to availability of the funds)

Place of work: BITS Pilani, K K Birla Goa Campus, Goa

Benefits:

- Research training in biomass valorization, techno-economic analysis, process optimization and life cycle assessment.
- Selected candidate will have the opportunity to apply for the PhD program at BITS Pilani, K. K. Birla Goa Campus, subject to their performance (Rules of PhD program for BITS Pilani are applicable).

Application process: Please apply with a **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) via email to bibeku@goa.bits-pilani.ac.in by **31st March 2026**. The shortlisted candidates will be intimated by email and called for an online interview.

For more details, please contact:

Prof. Abhishek Sharma

abhisheksharma@goa.bits-pilani.ac.in

Professor, Department of Chemical Engineering
BITS Pilani, K.K. Birla Goa Campus

Prof. Bibek Uprety

bibeku@goa.bits-pilani.ac.in

Assistant Professor, Department of Chemical Engineering
BITS Pilani, K.K. Birla Goa Campus