



## ONE Position of Research Fellow

### **‘Biofuels and Biochemicals Generation using Lignocellulosic Biomass in the Nation**

**BITS Pilani, K K Birla Goa Campus |**

**Deadline: 31<sup>st</sup> March 2026 |**

**Joining: At the earliest**

Date: 9<sup>th</sup> 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. Sharad Sontakke

<b>Position</b>	<b>Scope of work</b>	<b>Essential Qualification</b>	<b>Desirable Qualification</b>
Research Fellow	The project involves developing various catalysts, characterizing those using the standard analytical techniques (such as TGA, FTIR, SEM, XRD, BET, TEM, etc.) and using the developed catalysts for the conversion of biomass to value-added products.	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.	Candidates with prior experience in synthesizing and characterizing powdered materials/catalysts will be preferred.

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 a Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) via email to [sharads@goa.bits-pilani.ac.in](mailto:sharads@goa.bits-pilani.ac.in) by **31<sup>st</sup> 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](mailto:abhisheksharma@goa.bits-pilani.ac.in))

Professor, Department of Chemical Engineering

**Prof. Sharad Sontakke**

([sharads@goa.bits-pilani.ac.in](mailto:sharads@goa.bits-pilani.ac.in))

Associate Professor, Department of Chemical Engineering