



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

Project Research Scientist – III position under ICMR funded project

Applications are invited for the position of Project Research Scientist-III in the Department of Biological Sciences (Department name) at BITS Pilani, K. K. Birla Goa Campus, Goa for a ICMR (agency name) sponsored research project titled **Evaluation of Antibiofilm Protein Nanoparticle Conjugate on Clinical Mixed Biofilms and Validation in Mouse models** (project no). IG-10/2026-0159

Principal Investigator: Prof Sumit Biswas

Co-Investigator: Prof Sachin Talekar

Broad area of Research: Protein nanoconjugates and Infectious Diseases

Duration of the project: 3 Years

Fellowship Amount (Rs.): 78000 per month + 10% HRA

Qualification: A completed doctorate in Microbiology, Biochemistry, Biomedical Engineering, Nanotechnology or Materials Science. Evidence of scientific productivity, as demonstrated by peer-reviewed publications as a first author in reputable journals or in product development.

1. An experience in growing and quantifying biofilms using microtiter plate assays, flow cells, or CDC biofilm reactors. would be preferred.
2. Proficiency in advanced imaging techniques to visualize biofilm architecture, and familiarity with genetic or metabolic analysis of biofilms are desired.



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3. Expertise in chemical functionalization strategies or thin layer coating protocols as well as synthesis of nanoparticles, and proficiency using analytical instruments to characterize nanoconjugates (including AFM, DLS, SPR, Octet, FTIR, etc.)

How to Apply: Interested candidates may send application and curriculum vitae with details of research experience to the principal investigator (email: sumit@goa.bits-pilani.ac.in) by **2nd November 2026**. The email must bear the subject “Application for Project Research Scientist – III ICMR IG”. Only shortlisted candidates will be contacted via e-mail for online/Personal interview to be held at BITS Pilani, K K Birla Goa Campus and no TA/DA will be paid for the Interview.

