



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

Project Assistant position under SERB funded project

Applications are invited for the position of a **Project Assistant** in the Department of Physics at BITS Pilani, K. K. Birla Goa Campus, Sancoale, Goa for a Government of India, Science and Engineering Research Board (SERB) sponsored research project titled “*Programmable self-assembly of passive and active colloidal particles for applications in micro-robotics, materials design and drug delivery.*” (SRG/2021/001696).

Principal Investigator: Dr. Indrani Chakraborty

Broad area of Research: Soft Condensed Matter Physics (experimental).

Duration of the project: 2 years.

Fellowship Amount (Rs.): 20,000/- per month (consolidated)

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: Bachelors’ Degree (BSc) in Physics/Chemistry. The position is for research in experimental soft condensed matter, so candidates with good experimental aptitude and previous experience in any experimental projects will be given preference.

How to Apply: Interested candidates may send application, curriculum vitae and copies of marksheets (Xth onwards) with details of any research experience to the principal investigator (email: indranic@goa.bits-pilani.ac.in) by **27.7.2022**. Only shortlisted candidates will be contacted via e-mail for online/personal interview to be held by BITS Pilani, Goa Campus and no TA/DA will be paid for the Interview.

Nature of the job: The candidate will synthesize colloidal particles of different sizes and shapes, design small lab setups for observing the motion of colloids under light irradiation or under external magnetic/electric fields. The candidate is also expected to participate in imaging experiments done using a state-of-the-art fluorescence microscope. Other than the allotted experimental work and lab maintenance, the candidate is also expected to participate in the buying process of different lab items in a newly setup lab.

Date: 27.06.22

