



## **BITS Pilani - La Trobe University (India-Australia) Research Partnership-**PhD Position****

**We are hiring!** Applications are invited for a Full-Time PhD Program under the prestigious **ASCRIN** initiative, a joint research effort between BITS Pilani (KK Birla Goa Campus) and La Trobe University (Australia).

### **PhD Position (01) in Chemistry – Joint PhD Program (BITS Pilani & La Trobe University)**

**Title of the project: Aggregation-induced emission-active smart azines and their metal-complexes as chemosensors for water and food contaminants with a special focus on inorganic pyrophosphate**

**Project Team: Prof. Mainak Banerjee (<https://www.bits-pilani.ac.in/goa/mainak-banerjee/>) – BITS Pilani KK Birla Goa Campus | Prof. Peter Barnard (<https://scholars.latrobe.edu.au/pbarnard>) – La Trobe University, Australia**

**Minimum and desirable qualifications needed:**

**M.Sc. in Chemistry with First Class. Specialization in Organic Chemistry is preferred.**

**NET/GATE is desirable** but not mandatory.

**Desirable:** Hands-on experience in synthetic organic chemistry and spectrophotometry/fluorimetry.

**BENEFITS OF THE SCHOLARS:** For candidates enrolled in a Joint PhD between La Trobe University and BITS Pilani: • BITS Pilani PhD fellowship: INR 37,000 pm + HRA (as applicable) for JRF. • A stipend (in AUD) up to one year during a residency at a La Trobe University campus • A La Trobe University Full-Fee Research Scholarship, covering tuition fee at La Trobe University • Return economy airfare • Health insurance while at Melbourne

**How to Apply:** Interested candidates, fulfilling the above requirements, can apply by filling in the Google form (<https://forms.gle/z7QLLuS8Lrd7Deu6>) by **31st July 2025, 5.00 PM**. Please note that only qualified and shortlisted candidates will be selected for interview. Details of the interview will be communicated via email. For any query, email: [mainak@goa.bits-pilani.ac.in](mailto:mainak@goa.bits-pilani.ac.in) (PI).