



BITS Pilani

Pilani | Dubai | Goa | Hyderabad | Mumbai
Research & Innovation

ONE Junior Research Fellow (JRF) Position under ANRF-ARG Project

Title: Spin-controlled oxygen electrocatalysis using chiral materials for energy applications

BITS Pilani, K K Birla Goa Campus |

Deadline: 15 April 2026 |

Joining: At the earliest

Date: 24 March, 2026

Applications are invited for **ONE** position of **Junior Research Fellow** on project, “*Spin-controlled oxygen electrocatalysis using chiral materials for energy applications*” funded by **Anusandhan National Research Foundation (ANRF)** under the **ARG** scheme (ANRF/ARG/2025/003458/CS)

Principle Investigator (PI): Prof. Kiran Vankayala (Department of Chemistry) (PI)

Scope of work	Essential Qualification	Desirable Qualification
<ul style="list-style-type: none">• Synthesis of chiral molecules, nanomaterials and their physicochemical and electrochemical characterization• Use of analytical tools for quantification of products such as hydrogen	<ul style="list-style-type: none">• M.Sc Degree in Chemistry/Material Science/Nanotechnology or equivalent degree graduates from reputed University/Institute with First class or equivalent grade.• GATE or UGC/CSIR-NET	<ul style="list-style-type: none">• Knowledge on material science, electrochemistry, spectroscopy, magnetism• Experience in analytical techniques such as GC, HPLC will be advantage.• Good analytical and communication skills

Fellowship: ₹37,000 per month for first two years and ₹42,000 per month for third year plus HRA as applicable.

Duration: 01 Year (extendable to additional 2 years, subject to satisfactory performance)

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

Benefits:

- Research training in the cutting-edge areas such as Nanomaterials and Electrochemistry with exposure to state-of-the art research facilities.
- Selected candidate will get a chance to apply for PhD degree at BITS Pilani, K. K. Birla Goa Campus (Rules of PhD program for BITS Pilani are applicable)
- 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.

Application process: Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) to PI via email kiranv@goa.bits-pilani.ac.in by **15 April 2026 (Wednesday)**. The selected candidates will be informed through e-mail for online interview. No TA/DA will be provided in case of personal interview.

For more details, please contact:

Kiran Vankayala

Department of Chemistry

BITS Pilani, K K Birla Goa Campus

kiranv@goa.bits-pilani.ac.in

<https://web.bits-pilani.ac.in/goa/kiranv/profile>