



**BITS Pilani**

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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: 25 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)

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

**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](mailto:kiranv@goa.bits-pilani.ac.in) by **25 April 2026 (Saturday)**. 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**

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