



**BITS Pilani**

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

**ONE Research Fellow Position**

**(only for PhD aspirants)**

**‘Spin Effects in Electrocatalysis’**

**BITS Pilani, K K Birla Goa Campus |**

**Deadline: 30 September 2023 |**

**Joining: At the earliest**

*Date: 14 Sept, 2023*

Applications are invited for **ONE** position of **Research Fellow** on project, “*Exploring the role of electrons’ spin in enhanced hydrogen production using chiral/magnetic electrocatalysts*” funded by BITS Pilani, Cross-Disciplinary Research Fellowship (CDRF) scheme associated with CREST/SCoE (SC/07/23/108) under the supervision of Prof. Kiran Vankayala (Department of Chemistry) and Prof. Ram Sanker Patel (Department of Physics)

This position is applicable only to PhD aspirants. The candidates check the eligibility criteria and qualification process of the PhD program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>)

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

**Fellowship:** ₹37,000 - ₹42,000 per month (based on the year of PhD and performance)

**Duration:** As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

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

**Benefits:**

- Research training in the cutting-edge areas such as Nanomaterials, Electrochemistry and Magnetism with exposure to state-of-the art research facilities.
- Hostel or Married scholar accommodation can be provided subject to availability and as per the institute's rules and regulations.

**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 **14 October 2023**.

**Selection Process:** Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail for 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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