



## Research Staff

Manipal Academy of Higher Education (MAHE), Manipal, *an Institution of eminence deemed to be University*, invites applications for the post of **Junior Research Fellow** for the National Green Hydrogen Mission (NGHM) from the Ministry of New and Renewable Energy (MNRE), Govt. of India funded research project in the Department of Chemistry, Manipal Institute of Technology, Manipal.

**Principal Investigator:** Dr. Murthy Dharmapura

**Project Duration:** Junior Research Fellow for first two years, Senior Research Fellow in the third year. (The engagement will be initially for one year further extendable based on performance, the candidate will be encouraged to enroll for a PhD degree)

Positions	Eligibility and Job Description	Remuneration
<b>Junior Research Fellow</b>	<p><b>Essential Qualification:</b> M.Sc Chemistry or Physics or any related discipline with a valid NET or GATE or JEST qualification or any other national-level exams, as per the guidelines.</p> <p><b>Job description:</b> To develop a next-generation optical sensor materials that detect real-time and ppm-level hydrogen leaks. The expected outcome will aid in safer hydrogen storage in distributed networks and in hydrogen transportation. This interdisciplinary project involves working with different institutions across India (IISER, IITs and CSIR labs). The PI from Manipal has all the advanced R&amp;D infrastructure, expertise and resources to deliver the proposed objectives of this exciting research topic.</p> <p><b>Job Code:</b> (JRF-Chemistry-MNRE)</p>	<b>INR 37,000 and 9% HRA per month</b>

*Mentioning of Job Code in the subject line of the application is mandatory*

Candidates possessing the requisite qualification may send their detailed CV and documents in support of qualification and experience to [jobs.research@manipal.edu](mailto:jobs.research@manipal.edu) by **April 10, 2025**. Shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be paid for attending the interview.

**Director – HR**

**Manipal Academy of Higher Education**

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