

# Recruitment of Project Scientist (PS) in Department of Mechanical Engineering, IIT (BHU), Varanasi

Applications are invited for the following research positions with respective monthly emoluments under the ANRF-sponsored project titled “**Te-MobiX: Safe and Degradation-controlled Batteries with Efficient Charging for Tropical e-mobility Excellence**”, (Project No.- R&D/ANRF/4211/MAHAEV/EE/25-26/679-AKM) funded under the Mission for Advancement in High-impact Areas (MAHA), Government of India, sanctioned up to May 2028. HRA will be provided as per the institute's rules if accommodation inside the campus is not provided. The appointments will be purely temporary and co-terminus with the project. The candidates should possess essential qualifications.

## **Project Scientist (PS) Total number of positions: 01**

**Project tenure:** ~3 Years

**Monthly Emoluments:** Rs. 77,000/- + 20% HRA

**Essential Qualifications:** Completed Ph.D. in Mechanical/Chemical Engineering

**Upper Age Limit:** 35 years; relaxable up to 5 years in case of applicants belonging to scheduled castes/scheduled tribes, physically handicapped and women applicants, whereas 3 years in case of OBC (NCL) candidates.

### **Desirable Qualifications:**

- Minimum 2 publications as first author in SCI journals.
- Ph.D. in the field of electronic cooling/battery thermal management.
- Proficient in battery thermal management, thermochemical modelling, CFD tools (ANSYS, COMSOL, OPENFOAM).
- Strong fundamental knowledge of thermal-fluid systems.
- Experience of using DAQ system, data analysis.

**Application Process for PS:** Interested candidates are requested to submit their applications in the prescribed format as attached, along with self-attested copies of all mark-sheets & certificates and details of any research or other experience, etc., (in a single PDF file), using the following google form link: (<https://forms.gle/Zo4EvpSSyRKUMvJm6>) within 21 days of this advertisement. No need to send the hard copy.

Note- The date and time of the interview will be communicated to shortlisted candidates only via email.

### **General Terms and Conditions:**

1. The position is purely temporary and is conterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.

The recommendation of the committee will be final. The candidates should fill out the application form via the following Google link. The applications should be submitted via Google Form only before the deadline.



### **Project PI**

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