

## Advertisement for Junior Research Fellow

14<sup>th</sup> February 2023

Applications are invited from enthusiastic candidates to work in a DST and SERB sponsored project as Junior Research Fellow in the area of Development of Catalysts for electrolysis and Development of Hydrogels for Soft Electronic Applications.

### Project Title:

- i) Development of Electrodes and Modular Compact Membrane less Electrolyzer set up for Sustainable H<sub>2</sub> Production from Sea/Tap/Ground Water.
- ii) Scalable Strategies towards Tough & Functional Hydrogels through Controlling of the Chain Conformation and Entanglement followed by Sequential Networking for Soft Electronics Applications.

**Duration:** 12 months initially, which is extendable further based on the satisfactory performance

### Fellowship:

- (i) ₹31000/- per month + HRA for candidates possessing a valid CSIR-UGC NET certificate including lectureship or GATE score or a selection through national level test conducted by a central Government agency or Institution will be eligible for full stipend.\*
- (ii) ₹25000/- + HRA for candidates possessing minimum essential qualification stated below and not satisfy (i).

\* The candidate enrolled in Ph.D. programme of the respective department will get fellowship of ₹35000/- per month.

**No. of Position:** 02

### Essential Qualification:

- The applicant must have obtained a Master's Degree or equivalent in Chemistry with minimum 60% Marks from a recognized university or equivalent.
- The upper age limit for the fellowship is 35 years on 16<sup>th</sup> March 2023.
- Relaxation in minimum qualifying %age of marks and age limit will be as per the Government of India guideline for candidates belonging to SC/ST/OBC/Physically Challenged candidates.
- Knowledge on preparation of nanomaterials, characterization and organic syntheses will be an advantage.

### Salient Points:

1. The project duration is of three years.
2. The initial offer will be for a period of 12 months. Depending on the performance of the candidate, further extension can be given till the end of the project.
3. In campus residence facility may be extended based on the availability.

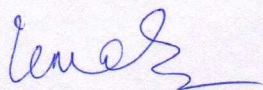
**Documents Required (in PDF):**

- Biodata (check format at [http://serb.gov.in/pdfs/Database/PI\\_Biodata.pdf](http://serb.gov.in/pdfs/Database/PI_Biodata.pdf))
- Age Proof Certificate (10th Class certificate).
- GATE/CSIR/NET/UGC Qualification Certificate.
- Category Certificate (in case of Age Relaxation).

Interested candidates are encouraged to forward the **application written on a plain paper** along with the above documents to [uojha@rgipt.ac.in](mailto:uojha@rgipt.ac.in) by 16<sup>th</sup> March 2023, 6:00 PM. The Subject of the application shall be "**Application for Junior Research Fellow**".

No TA/DA will be paid if called for interview.

**N.B.:** The candidate on satisfactory performance in the project is likely to be enrolled in the PhD programme of the respective department.



**Professor Umapasana Ojha**

Department of Sciences & Humanities

Rajiv Gandhi Institute of Petroleum Technology

Post: Harbanshganj, Jais, Amethi-229304 (India)

Contact Information: Email: [uojha@rgipt.ac.in](mailto:uojha@rgipt.ac.in), & Phone: +91-535-270-4510