

### **JRF Position in Chemistry/Material Science**

Applications are invited for the Junior Research Fellow position for the project entitled “**Controlled facet engineering to develop anisotropic electrocatalysts for effective water splitting**” at the Centre for Nano and Material Sciences (CNMS), JAIN (Deemed-to-be) University, Bangalore, Karnataka, under the guidance of **Dr. Akshaya K. Samal**.

The objective of this project is the synthesis of electrochemically active anisotropic (cubes, triangles, decahedra, octahedra, rods, wires, etc.) nanostructures, including alloys and core-shell of metals/semiconductors for water splitting (OER/HER).

#### **Qualification and Experience:**

1. M. Sc. in Chemistry/Material science. Candidate should have obtained at least 60% marks in qualifying degree examination.
2. Preference will be given to CSIR-UGC NET (JRF/LS) or GATE qualified candidate.
3. Candidates having hand-on experience on nanomaterials will be given preference.

**Stipend:** The JRF will be paid a stipend as per norms and qualifications. The salary and appointment terms are consistent with the current rules for Ph.D. degree students.

**Duration:** Initial appointment for one year, extendable up to 03 years based on performance. The objective of the 03 years position should be aimed at obtaining a **Doctoral Degree (PhD)** at the JAIN (Deemed-to-be) University, Bangalore, Karnataka with peer reviewed publications.

**How to apply:** The application should contain a detailed resume (including names of the two references), contact details, and photocopies of educational/professional qualifications. Completed applications should be reached through email (s.akshaya@jainuniversity.ac.in).

Only shortlisted candidates will be called for the interview and no TA/DA will be paid for appearing in the interview. Outstation students can attend via zoom. Selected candidates will be intimated by email.

#### **Contact:**

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