

JRF Position in Nanotechnology

Applications are invited for one post of a Junior Research Fellow for a project entitled “**Two-dimensional metal oxides and hydroxides-graphene composites for high-performance supercapacitor applications**” sanctioned via letter no: 11(39)/17/013/2017SG in Discipline of Chemistry, **Centre for Nano and Material Sciences (CNMS)**, Jain University Bangalore, Karnataka.

Qualification and Experience:

1. M. Sc. in Chemistry/Physics/Materials Science/Nanotechnology, Candidate should have obtained at least 55% marks in qualifying degree examination.
2. Preference will be given to CSIR-UGC NET (JRF/LS) or GATE qualified candidate.
3. The ability to work closely and collaborate with colleagues is a must. Proficiency in the English language is required.

Stipend:

The JRF fellowship consists of Rs.15000/- *per month* as per university rule. 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 3 years based on performance.

The objective of the 3 years position is a number of research articles in peer-reviewed scientific journals, together comprising the Ph.D thesis leading to the granting of the Ph.D degree at the Jain University.

How to apply:

The application should contain a detailed resume, one photograph, contact details including phone number, email and postal address and photocopies of educational/professional qualifications. **Please also mention preferred date of joining, if selected.**

Completed applications should reach Dr. Chandra Sekhar Rout, (Associate Professor) by **30 September 2017** through e-mail (E-mail: r.chandrasekhar@jainuniversity.ac.in CC to csrout@gmail.com)

Please also arrange at least two references that may be contacted regarding your recent work. Only shortlisted candidates will be called for the interview. Selected candidates will be intimated by email. No TA/DA will be paid for appearing in the interview.

Project involves:

The project involves synthesis, characterization, and applications of cation-intercalated two-dimensional transition metal oxides nanostructures and nanocarbon hybrids. Further, it is aimed to fabricate novel

flexible and free-standing electrodes for energy storage device applications with high energy density, power density, and working voltage.

Contact:

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