

POST CODE- 6

Job Reference: BMN-JRF/02/2014

Two JRF Position in Chemistry (Inorganic / Physical) Available in the Group of Dr. B.M. Nagaraja (Assistant Professor, CNMS, Jain University)

Applications are invited for two post of a Junior Research Fellow in Chemistry at **Centre for Nano and Material Sciences (CNMS)**, Jain University, Bangalore, Karnataka, India.

Qualification and Experience:

1. M. Sc. in Chemistry, 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 with the English language is required

Stipend:

The JRF fellowship consists of Rs.15000/- per month and Rs. 1000/- for PF and PT as per university rule. The salary and appointment terms are consistent with the current rules for PhD degree students.

Duration:

Initial appointment for one year, extendable up to 4 yrs based on performance. Objective of the 4 years position is a number of research articles in peer-reviewed scientific journals, together comprising the PhD thesis leading to the granting of the PhD degree at the Jain University.

How to apply:

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

Completed applications should reach Dr. Nagaraja, Assistant Professor, Energy Materials Group, Centre for Nano and Material Sciences (CNMS), Jain Global Campus, 45 km, NH - 209, Jakkasandra Post, Kanakapura Taluk, Ramanagar District -562 112, Bangalore Rural, Karnataka, India by **5th April, 2014**. Applicants are encouraged to apply through e-mail (E-mail: bm.nagaraja@jainuniversity.ac.in).

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 research is concerned with production of hydrogen through the coupling of dehydrogenation and hydrogenation for the synthesis of Ketone and Alcohol over different promoters supported on basic oxide catalysts. Candidates should have a strong background in Inorganic/Physical chemistry and knowledge on heterogeneous Catalysis. Candidates must be trained in preparation of catalysts and catalytic reaction and characterization of the catalysts (Analysis technique: GC, GCMS, Characterizations: XRD, BET surface, SEM, TEM, TPR etc.).

Contact:

Dr. Nagaraja

Assistant Professor

Energy Materials

Centre for Nano and Material Sciences

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