

# JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**Two JRF Positions in Chemistry (Organometallic Chemistry) are available in the research group of Dr. Srinivasa Budagumpi (Assistant Professor, CNMS, Jain University)**

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

## **Qualification and Experience:**

1. M. Sc. in Chemistry. Successful 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 candidates.
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 is for one year, extendable up to 4 years based on performance. Objective of the 4 years position is to publish quality research articles in peer reviewed international journals of high reputation, together comprising the PhD thesis leading to granting of the PhD degree at the Jain University.

## **How to apply:**

Application should contain a detail resume, one recent photograph, and contact details including phone number, E-mail and postal address. Photocopies of educational/professional qualifications should also be appended. **Please also mention the preferred date of joining if selected.**

Completed applications should reach Dr. Srinivasa Budagumpi, Assistant Professor, N-heterocyclic Carbene Chemistry 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 15<sup>th</sup> May, 2014.

Applicants are encouraged to apply through e-mail to: [b.srinivasa@jainuniversity.ac.in](mailto:b.srinivasa@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.

**About the project:**

We mainly work on the design, synthesis and characterization of biologically/catalytically relevant transition metal complexes of N-heterocyclic carbene ligands. The postholders will be expected to work on development of new silver(I) complexes of both, functionalized and non-functionalized, N-heterocyclic carbene ligands suitable for anticancer applications. Also, using the technique of transmetallation, new palladium(II) complexes of N-heterocyclic carbene ligands are prepared and evaluated for their potential as catalysts in a variety of organic transformation reactions ranging from C-C coupling to olefin polymerizations. Candidates must have experience or interest in synthetic organic and inorganic chemistry. He/she must be motivated, independent and hard-working with a strong research/technical background in areas relevant to this project.

**For more information about the project, please visit:**

<http://www.itechprojects.in/cnms/Faculty-srinivas-Research.html>

**Interested candidates are free to contact:**

**Dr. Srinivasa Budagumpi**

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