

JRF Position in Chemistry

Applications are invited for the post of Junior Research Fellow for a project entitled “*Synthesis of small molecules for therapeutic applications*” in Discipline of Chemistry, **Centre for Nano and Material Sciences (CNMS)**, Jain University Bangalore, Karnataka.

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 in the English language is required

Stipend:

The JRF is given Rs.15000/- stipend per month as per the 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.

How to apply:

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

Completed applications should reach Dr. Rakesh Kumar, (Assistant Professor) by 20 **June 2017** through e-mail (E-mail: rakeshccny@gmail.com CC to amit.kumar@jainuniversity.ac.in)

It is advised to mention 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 plans involve the synthesis of small molecules with anti-cancer, anti-diabetes and anti-tubercular properties. The bioactivity and toxicity of these molecules will be evaluated using *in-vitro* models. To get an insight into their modes of action and structure activity relations, interactions of these molecules with target biomolecules such as proteins and DNA will be studied by spectroscopic techniques as well as molecular docking. Further structural modifications, necessary for the improvement of efficiency of these molecules, will also be undertaken towards the development of novel effective drugs.

Contact:

<p>Dr. Amit Kumar, Associate Professor, Centre for Nano and Material Sciences, Jain University, Jain Global Campus, Jakkasandra Post, Bangalore - 562112 Email: amit.kumar@jainuniversity.ac.in https://cnms.jainuniversity.ac.in/Faculty-Amit-Kumar.htm</p>	<p>Dr. Rakesh Kumar, Assistant Professor, Center for Nano and Material Sciences, Jain University, JainGlobal Campus, Jakkasandra Post, Bangalore - 562112 Email: rakeshccny@gmail.com https://cnms.jainuniversity.ac.in/Faculty-Rakesh-Kumar.htm</p>
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