

JRF Position

Applications are invited for the post of Junior Research Fellow in the Functional Particles and Surfaces Laboratory of **Centre for Nano and Material Sciences (CNMS)**, Jain University Bangalore, Karnataka in the project referenced 11(39)/17/002/2017SG under the guidance of Dr. Shajesh Palantavida. The fellow will work on developing silica and biopolymer based nanoparticles for cancer diagnostics.

The Functional Particles and Surfaces Laboratory investigates topics in the intersection of nano theranostics and nanophotonics. Research in our laboratory is aimed at developing optical probes for early detection of cancer, nanoparticles for targeted therapy and programmable drug delivery systems.

Qualification and Experience:

1. M. Sc. in Chemistry, Materials, Polymer Science or a related discipline. Candidate should have obtained at least 55% marks in qualifying degree examination.
2. Experience in nanoparticle synthesis and surface functionalization is a plus. Experience in polymer synthesis is desirable but not required. Students interested in interdisciplinary research are encouraged to apply.
3. Preference will be given to CSIR-UGC NET (JRF/LS) or GATE qualified candidate.
4. 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. The student can register for a Ph.D in Jain University, subject to satisfying the requirements of the University.

How to apply:

The application should contain a Curriculum Vitae and a statement of interest. Candidates should direct their applications and queries to p.shajesh@jainuniversity.ac.in

The first cycle of review of the application will begin within two weeks of the notification.

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.

Contact:

Dr. Shajesh P.,

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Email: p.shajesh@jainuniversity.ac.in

<https://cnms.jainuniversity.ac.in/Faculty-Shajesh.htm>

<https://scholar.google.co.in/citations?user=Jo48jUwAAAAJ&hl=en>