

RESEARCH FELLOW

Manipal University invites applications for the post of Junior Research Fellow (JRF) for a Board of Research in Nuclear Science (BRNS), Department of Atomic Energy, Government of India funded research project entitled '**Development of a modern computer code with up-to-date databases to estimate the inventory and radioactivity of actinides and fission products during various stages of nuclear fuel cycle**' in collaboration with IGCAR, DAE, Kalpakkam, at the Manipal Centre for Natural Sciences (MCNS), Centre of Excellence, Manipal University, Manipal.

As part of the above Project we offer one Junior Research Fellowship (JRF), for first two years and a Senior Research Fellowship in the third year. The selected candidate may also pursue a Ph.D., subject to the requirements being met.

M.Sc. (Physics) graduates with nuclear physics or reactor physics as special subjects are encouraged to apply. M.Tech. graduates with strong computational skills and an interest in physics can also apply. The applicant must be adept in developing computational algorithms and computer codes in FORTRAN and other modern languages. Minimum qualifying marks would be 55% or equivalent, with a good academic record. Candidates who have applied to DAE/HBNI (at BARC or IGCAR) fellowship programmes and went through the selection process (selected or not) may also apply.

The selected candidate will be given a stipend of Rs 16,000 for the first two years as Junior Research Fellow and Rs 18,000 in the third year as Senior Research Fellow.

Applications must be made in hard copy on plain paper with relevant documents mailed to the following address. A soft copy must be sent simultaneously to r.sriven@manipal.edu clearly indicating 'Application for JRF position, BRNS project' in the subject line on or before **25 November 2013** to the aforementioned address. No TA/DA will be paid for attending the interview.

Dr R. Srivenkatesan
Principal Investigator
Manipal Centre for Natural Sciences



MANIPAL
UNIVERSITY

Planetarium Complex, Manipal - 576104, Karnataka
Ph: 0820 2923432 | Email: r.sriven@manipal.edu



SRM Research Institute, SRM University Kattankulathur 603 203, Tamil Nadu

Junior Research Fellow (JRF) Position

Applications are invited for the position of one Junior Research Fellow (JRF) for the Department of Biotechnology (DBT), Govt of India sponsored research project titled '**Nuclear factor erythroid 2-related factor 2 (Nrf2) activators on the survival of pancreatic islet graft in type 1 diabetic mice**'.

Fellowship: Rs 16,000 plus House Rent Allowance (HRA) per month fixed for first two years and Rs 18,000 plus HRA per month fixed for the third year. Terms and conditions will be followed as per the DBT guidelines.

Duration: 3 years.

Essential qualification: M.Sc. Biochemistry/Biotechnology, M.Tech. Biotechnology. Experience in animal cell and tissue culture and animal handling is desirable.

Candidates are requested to send their CV, and a brief summary of their research experience **within 15 days** of this advertisement by e-mail to the Project Coordinator, **Dr K. M. Ramkumar**, Research Assistant Professor, Life Science Division, SRM Research Institute, SRM University, Kattankulathur 603 203, Tamil Nadu, e-mail: isletdbtpro@gmail.com.

Candidates short-listed for interview will be informed about the date by e-mail. Outstation candidates will be paid sleeper class (ordinary) train fare as per actual.