

Mangalore University

Centre for Application of Radioisotopes and Radiation Technology

Advertisement for Junior Research Fellowships

Applications are invited for the JRF posts at the Centre for Application of Radioisotopes and Radiation Technology (CARRT) – a collaborative venture between Mangalore University, Board of Radiation and Isotope Technology (BRIT) and Board for Research in Nuclear Sciences (BRNS) of Department of Atomic Energy:

Sr. No	Title of the project	Principal Investigator	JRFs positions available	Fellowship amount per month (Rs)
1	Application of radiation in forestry: effect of gamma irradiation on storage, viability and germination of seeds and relative growth rate and tolerance of seedling of some endemic plants of Western Ghats	Prof. K. R. Chandrashekar	1	12,000 + HRA (May be enhanced to SRF in the III year)
2	Radioiodination of C-peptide of insulin and development of an assay	Dr K. Bhaskar Shenoy	1	
3	Evaluation and comparison of radioprotective potential of some bioflavonoids in mice exposed to gamma radiation	Prof. Rajashekar K. Patil	1	
4	Epidemiological studies of <i>Helicobacter pylori</i> infection in the communities of coastal region of Karnataka: a diagnostic study using ¹⁴ C urea capsule breath test	Dr H. M. Somashekarappa	1	

Qualification: Candidates are required to have M.Sc. degree in relevant areas. As the research projects are interdisciplinary in nature, apart from life sciences students of relevant areas of physics (including Biophysics, Health/Medical Physics) and chemistry are also encouraged to apply. Candidates should have at least 55% marks in the Master's degree. NET/SLET/GATE qualified candidates will be preferred. Candidates appearing for the final examinations may also apply. For more information, please visit the university website www.mangaloreuniversity.ac.in

Application may be made on plain paper with a passport size photograph giving details of bio-data along with copies of relevant documents. Fill the summary data sheet available in the website and send along with the application. Applications should reach **Dr H. M. Somashekarappa**, Centre-in-Charge, CARRT, Mangalore University, Mangalore 574 199, Karnataka, on or before **15 June 2010**. Soft copies may be sent via e-mail to carrtmu@gmail.com. No TA/DA will be paid for attending the interview. The date of interview will be intimated later.

Centre-in-Charge, CARRT