Applications are invited for the posts of Junior Research Fellow to work on a research project funded by Board of Research in Nuclear Fusion Science and Technology (BRFST), IPR, Gandhinagar.

**Qualification**
- M.Sc. or M.Phil. (Physics/Applied Physics/Chemistry)/or M.Tech. (Mechanical/Chemical Engineering).

**Title of the project**
Numerical prediction of high heat flux to plasma facing material using thermal plasma jet impingement model (Sanction No.: IPR/NFP/2011/FEB/04 Dated on 18 April 2011).

**Nature of the work**
Experimental and computational works on heat transfer in thermal plasma jet impingement process.

**Fellowship**
Rs 16,000 per month + 10% HRA

**Duration**
Three years.

**No of posts**
Two (computational work may be carried out by JRF-1 at Karunya university and experimental works have to be carried out by JRF-2 at Institute for Plasma Research, Gandhinagar, Gujarat).

Send your resume along with relevant documents with all the details of qualifications, experience, etc. to Dr K. Ramachandran, Head – Centre for Research in Thermal Management and Material Sciences, Karunya University, Karunya Nagar, Coimbatore 641 114 by post **within two weeks** from the date of notification. Shortlisted candidates will be called for the interview.

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Invites applications for a Senior Research Fellow in a DAE sponsored project.

**Title of project**
The role of DNA processing protein (DprA): studies with a conserved bacterial protein involved in natural transformation.

**Tenure of the project**
31 March 2014.

**Essential qualification**
- M.Sc. 1st Class in Biochemistry, Microbiology, Biotechnology, Biology or Life Sciences plus at least two years of post M.Sc. research experience.

**Job description**
The selected candidate has to assist the Investigator in research work and discharge any other duties assigned from time to time.

**Emoluments**
- Rs 16,000 p.m. (fixed) + 30% HRA.

Candidates should send their applications on plain paper furnishing the bio-data, copies of certificates in support of age, qualification, experience, etc., to Prof. D. Narasimha Rao, Dept of Biochemistry, Indian Institute of Science, Bangalore 560 012, **within 15 days** from the date of publication of this issue of *Current Science*.