



Banaras Hindu University
Varanasi 221 005

Advertisement for JRF position

Application is invited for a post of Junior Research Fellowship (JRF) with a Fellowship of Rs 16,000 p.m. + HRA for first two years and Rs 18,000 p.m. + HRA for third year in a DST sponsored project entitled '**Dynamics of QCD via gauge-gravity duality**' sanctioned up to three years. The post is temporary and co-terminus with the project.

The candidates should have a post-graduation degree in Physics, with 55% marks. NET/GATE qualified candidates will be preferred. Basic knowledge of QFT and GTR is desirable. The upper age limit is 28 years (relaxable for 5 years for SC/ST/Physically Handicapped/Female candidates). All things being equal, SC/ST candidates will be preferred as per GOI rules. Application on plain paper giving name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address (if available), details of educational career (starting from High School or equivalent) along with the attested copies of all mark-sheets and certificates and details of any research or other experience, etc., if any, should reach **within 21 days** of the advertisement, to the P.I.: **Dr Sanjay Siwach**, Department of Physics, Faculty of Science, Banaras Hindu University, Varanasi 221 005 (e-mail: sksiwach@hotmail.com). No TA/DA will be paid if called for interview.



University of Hyderabad
Research Position in
Tomato Functional Genomics

At University of Hyderabad, we are having a vibrant group on Tomato Functional Genomics, which is working on TILLING (Targeting Induced Local Lesions IN Genomes), Insertional Mutagenesis and fruit ripening in tomato. Some of the current aims of the group include using reverse genetics to isolate tomato mutants delayed in ripening, having high lycopene content in tomato fruits and analysis of light and hormonal signal transduction pathways. For recent publications of the group see (*Molecular Plant*, **3**, 854–869; *Plant Methods*, **6**, 3; *Plant Methods*, **5**, 18; *Plant Signaling and Behavior*, **5**, 11.).

We have one position open at post-doctoral research associate level. The research associate would be offered fellowships of Rs 22,000 p.m. + HRA. Applicants should have experience in plant transformation and DNA cloning preferably in tomato or tobacco and should be supported by publications. Ph.D. in molecular biology, or genetics is required. Candidates interested in above position should send their CV, a statement clearly explaining how their skills are relevant to the position and the name/contact information for three references.

The candidates can send their application by post or by email at rameshwar.sharma@gmail.com before **20 December 2010**.

Prof. R. P. Sharma
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