

JUNIOR RESEARCH FELLOWSHIP (JRF)

Applications are invited for the post of Junior Research Fellowship for Board of Research in Nuclear Science (BRNS–DAE) project titled 'Design, Development and Construction of Solid State Pulse Modulator' in the 'VJTI-Siemens High-Voltage Laboratory' of the Electrical Engineering Department, VJTI, Matunga, Mumbai 400 019.

Qualifications: First Class Bachelor's Degree in Electrical Engineering, preferably with Power and High-Voltage Engg. *Specialization*. Knowledge of EMF and Electric Circuits Desirable.

Period of Project: 3 years.

Emoluments: Rs 8000 per month (consolidated) for I and II year
Rs 9000 per month (consolidated) for III year

HRA: Admissible as per rules.

Scope for higher studies: JRF can register for higher studies by research, and the tuition fees to undertake such studies will be reimbursed.

Leave: Only casual leave as per rules.

Applications should reach the following e-mail address before 25 September 2003

Dr A. S. Paithankar, Principal Investigator, High voltage Lab, Department of Electrical Engineering, VJTI, Matunga, Mumbai 400 019

E-mail: asspai@rediffmail.com/ham_vjti@yahoo.com

A WORKSHOP ON MECHANICAL BEHAVIOUR OF SYSTEMS AT SMALL LENGTH SCALES

12–16 January 2004

This workshop will cover the broad area of the mechanical response and reliability of thin films, multi-layers and MEMS. Internationally renowned experts will deliver lectures on conceptual fundamentals as well as on cutting edge research in areas that include the mechanics of deformation and fracture, experimental methods for the evaluation of reliability and mechanical properties, adhesion and finite element/atomistic modelling. This workshop is aimed at students, researchers and industrial practitioners who wish to develop their background in the general area of the mechanical behaviour of materials with small length scales with applications in wear resistance, cutting tools, thin film devices and micro-mechanical systems.

For further information see: <http://metalrg.iisc.ernet.in/~workshop/>
or

contact:

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