



INDIAN INSTITUTE OF SCIENCE
BANGALORE 560 012

Advt. No. 17/DAE121

Date: 11.11.05

Invites applications for a Research Associate (1 No.) and Junior Research Fellow (1 No.) in the sponsored research project '**Universal aspects of jerky flow in the Portevin-Le Chatelier (PLC) effect, nanotubulation of multi-lamellar vesicles and voltage fluctuations in charge density waves**' supported by BRNS, which is tenable up to 16.8.2008.

	RESEARCH ASSOCIATE	JUNIOR RESEARCH FELLOW
<i>Essential qualification</i>	Ph.D. in Theoretical Physics/Theoretical Material Science Theoretical Biophysics	M.Sc. in Physics, First class
<i>Desirable qualification</i>	Dynamical-systems, computer modeling, Theoretical soft condensed matter and biologically related physics	Aptitude for theoretical condensed matter physics, knowledge in computer programming essential.
<i>Job description</i>	To study and extract universal features of stick-slip dynamics seen in the PLC effect, nanotubulation, charge density wave using dynamical analysis of experimental signals and devise models for the phenomena, and discharge any other duties assigned from time to time	Assist in writing codes for dynamical analysis of experimental signals, and other programs for modeling, and discharge any other duties assigned from time to time.
<i>Emoluments</i>	Rs 11,000 pm + 15% HRA	Rs 8000 pm + 15% 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. G. Ananthkrishna, Materials Research Centre, Indian Institute of Science, Bangalore 560 012, WITHIN FIFTEEN days from the date of this notification.

REGISTRAR