



## Indian Institute of Science Bangalore 560 012

Advt. No. DAE135

Date: 21.01.2011

Invites applications for a Research Associate (1 No.) and Junior Research Fellow (1 No.) in the sponsored research project '**Investigations on the dynamics of jerky flow in systems exhibiting the Psuedo-Portevin-Le Chatelier effect**' supported by BRNS tenable up to 31 March 2012

	Senior Research Fellow	Junior Research Fellow
Essential qualification	M.Sc. in Theoretical Physics/Theoretical Material Science with minimum of four years experience	M.Sc. in Physics, First Class
Desirable qualification	Aptitude for theoretical condensed matter physics, knowledge in Dynamical-systems, computer modelling is preferred.	Aptitude for theoretical condensed matter physics, knowledge in computer programming essential.
Job description	To model serrated stress-strain curves (Psuedo-Portevin-Le-Chatelier effect) observed during deformation of omega forming alloys and discharge any other duties assigned from time to time.	Assist in writing codes for dynamical studies of the model and discharge any other duties assigned from time to time.
Emoluments	Rs 12,000 p.m. (fixed) + 30% HRA	Rs 10,000 p.m. (fixed) + 30% HRA

Candidates should send their applications on plain paper furnishing the bio-data, attested copies of certificates in support of age, qualification, experience, etc., to **Prof. G. Ananthakrishna**, Materials Research Centre, Indian Institute of Science, Bangalore 560 012, **within 15 days** from date of publication of this issue in *Current Science*.

Registrar



IUSSTF  
Indo-US Science and Technology Forum

## Indo-US Visiting Professorship Program in Microbiology



The Indo-US Science and Technology Forum (IUSSTF) in partnership with the American Society for Microbiology (ASM) announces the Indo-US Visiting Professorships in Microbiology. The objective of the program is to broaden collaboration between India and the US in the area of microbiology and allied fields with an aim to build long term partnerships.

**Teaching Professorship:** To enable microbiologists in India and the United States to visit institutions in the other country to teach an interactive short course on a topic in any of the microbiological discipline.

**Research Professorship:** To enable microbiologists in India to participate in an interactive short course on a topic in any of the microbiological disciplines, or conduct a research project in partnership with a colleague at a research facility in the US.

### Application information:

- Applications must be made jointly by the applicant and the host.
- The Professorships are open to ASM members and non-members alike.
- More information and application details are available at:  
<http://www.indousstf.org/> and <http://www.asm.org/International/professorship/>

**Application deadlines:** **15 April 2011** (for the period 01 July–31 December)  
**15 October 2011** (for the period 01 January–30 June)