



BHARATHIDASAN UNIVERSITY

Tiruchirapalli 620 024

Applications are invited for the award of TWO Senior Research Fellowships to work in the Department of Atomic Energy, Government of India (National Board for Higher Mathematics) sponsored research project 'Spatiotemporal patterns and localized structures in nonlinear Schrödinger family of equations in (2 + 1) dimensions' under the supervision of Prof. M. Lakshmanan at the Centre for Nonlinear Dynamics, Department of Physics, Bharathidasan University, Tiruchirapalli 620 024. The Fellowships are tenable for a period of three years.

Minimum qualifications: First class M.Sc. Degree in Physics/Mathematics with two years research experience in Mathematical/Theoretical Physics preferably in Nonlinear Dynamics. Experience in numerical analysis is desirable. Those candidates who do not possess requisite experience but are otherwise suitable may be considered for the award of Junior Research Fellowship.

Applications on plain paper with necessary bio-data and reference letters should reach Prof. M. Lakshmanan at the above address within 15 days of this advertisement.

DEPARTMENT OF PHYSICS

SAURASHTRA UNIVERSITY

Rajkot 360 005, India

Applications are invited on plain paper for the appointment of **Junior Research Fellow (JRF)** under the **Department of Atomic Energy, Board of Research in Nuclear Sciences (DAE-BRNS), Mumbai**, research project of Dr D. G. Kuberkar entitled 'Pulsed Laser Deposition (PLD) of colossal magneto resistance thin films and multilayer structures'.

This appointment will be initially for the period of one year (ending on 31 March 2005) and may be extended further on the basis of the progress of the fellow.

Educational Qualifications: M.Sc. degree in Physics with minimum 55% marks or equivalent grade points.

Monthly emoluments: Rs 8000 p.m. + HRA + medical allowance (As applicable).

Candidates who possess the above mentioned qualifications should send their applications along with the copies of marks lists (B.Sc., M.Sc.) to **Dr D. G. Kuberkar, Associate Professor, Department of Physics, Saurashtra University, Rajkot 360 005 (dgk@icenet.net)** on or before 30 May 2004

No TA/DA will be paid to the candidate if called for the interview or on joining the post.