



SERC School in Chronobiology

Announces the Third School in Chronobiology
From 29 December 2004 to 7 January 2005, in the

Department of Zoology, Gulbarga University, Gulbarga 585 106, India

Aim: The School sponsored by SERC, DST, New Delhi, will focus on basic principles of Chronobiology and their applications. The topics include (1) Origin and characteristics of biological rhythms, (2) Entrainment of rhythms, (3) Structure of biological clocks, (4) Molecular biology of the biological clock, (5) Photoperiodism and seasonality, (6) Melatonin and the circadian system, (7) Adaptive and evolutionary aspects of biological rhythms, (8) Applied chronobiology, (9) Tools and techniques for studying biological rhythms. In addition to lectures, there will also be project work, methodology demonstration, presentation by participants, panel discussion and brain storming session.

Faculty: The faculty consists of experts from India and abroad.

Qualifications for the participants: Postgraduate and research students and young teachers (preferably in life sciences) may apply on plain paper with their bio-data and full contact address including email and fax, nature of research work and/or teaching being undertaken, a write-up (about 200 words) as to why they would like to participate in this School and their expectations from the School. Postgraduate students, including those who have appeared in the M Sc final year examination of May/June 2004, should apply through their Head of Department enclosing at least one letter of recommendation from their Teacher/Research Supervisor. The teachers holding permanent positions should have their applications forwarded through proper channel.

Last date: The applications must reach the Coordinator latest by **31 August 2004**.

Grants: There is no registration fee. Local hospitality and travel support (sleeper class) will be provided to all the selected participants.

Contact: Prof. B. N. Joshi, Coordinator, 3rd School on Chronobiology, Department of Zoology, Gulbarga University, Gulbarga 585 106, India, Ph: 08472-445513 (O); 445374 (R); e-mail: bjo.shi@sancharnet.in



HIGH PRESSURE LOW TEMPERATURE LAB

DEPARTMENT OF PHYSICS, BHARATHIDASAN UNIVERSITY

TIRUCHIRAPPALLI 620 024

Applications are invited for the award of one JRF/SRF fellowship to work in the CSIR sponsored research project '**Development of Experimental Setup for Uniaxial Pressure Effects on AC-Susceptibility Measurement at Low Temperatures**' under the supervision of Dr. S. Arumugam, High Pressure Low Temperature Lab, Dept. of Physics, Bharathidasan University, Tiruchirappalli 620 024. The fellowship is tenable for a period of three years.

Minimum qualifications: (1) *JRF:* M.Sc., Physics/Materials Science/Applied Physics with NET/GATE (2) *SRF:* M.Sc., Physics with two years Research experience in the field of Low Temperature Physics/Solid State Physics/Materials Science/High Pressure Physics. (Or) M.E./M.Tech. with Materials Science/Solid State Physics with M.Sc. Physics as a basic degree.

Applications on plain paper with necessary bio-data, reference letters and copies of certificates should reach Dr. S. Arumugam at the above address within 30 days of this advertisement.