

**DST Sponsored SERC School in Chronobiology
1–14 October 2011**

Venue: Department of Zoology, C.C.S. University, Meerut 250 004, India

Chronobiology deals with oscillatory phenomena in living organisms and their adaptation to geophysical cycles. It is a rapidly expanding branch that touches almost every discipline and deeply influences allied areas. Chronobiological studies include, but are not limited to comparative anatomy, development, physiology, medicine, genetics, molecular biology, behaviour, ecology and evolution. The Department of Science and Technology has been organizing the SERC School in Chronobiology for the past nine years. The current 10th School is second of the series III of this activity, named as **SERC School in Chronobiology III: Clocks, Rhythms and Behaviour**. The aim of the School is to have the experts in the field, drawn from some of the finest laboratories, interact with our students and teach principles and recent developments in Biological Rhythms.

Tentative list of core faculty: A. S. Dixit (NEHU, Shillong), Joshua J. Gooley (National University of Singapore, Singapore), Dilip Joshi (Ahmednagar College, India), Vinod Kumar (Delhi University, India), Henrik Mouritsen (University of Oldenburg, Germany), Sachidananda Panda (Salk Institute for Biological Studies, CA, USA), Atanu K. Pati (Pt. R. S. University, India), Sangeeta Rani (Lucknow University, India), Vijay K. Sharma (JNCASR, India), Nishikant Subhedar (IISER Pune, India), Paul Taghert (Washington University School of Medicine, USA) Sheeba Vasu (JNCASR, India). In addition, there will be mentors and prospective/guest faculty teaching in this school.

Final year M.Sc./M.B.B.S./M.Pharm./B.Tech. students, Ph.D. scholars, Post-docs and young faculty may apply with CV (date of birth, complete address with e-mail ID, educational qualifications with year and % marks), one photograph, two recommendation letters and a brief statement of purpose (~ 200 words) of attending this School. There is no registration fee. Local hospitality and travel support (limited to AC III train fare) will be provided.

Please send hard copy of your application so as to reach before **25 August 2011** to **Dr Sanjay Kumar Bhardwaj**, Coordinator, SERC School in Chronobiology, Department of Zoology, Ch. Charan Singh University, Meerut 250 004, India. Additionally, you may e-mail a soft copy of your application. For any query, please contact at e-mail: drskumar7@yahoo.com. The selections will be notified early in the first week of September 2011.

EKLAVYA High School Curriculum Development Programme

EKLAVYA has been working on educational content and pedagogy for about three decades. Science curriculum development has been one of the major focus areas of the organization. High School Curriculum Development Programme is into fifth year and organization has a few positions at Indore. For details log on to www.eklavya.in

Faculty (2 Positions in Indore, MP): To develop curriculum for high school level; develop children friendly teachers' training modules; to train teachers; develop a mechanism/system to gather, process and analyse the information, results, key observations and data generated through the process and; prepare periodic progress reports.

Research Associate (2 position in Indore): To assist in curriculum development process; to work in the teachers training programme development; to train teachers based on the curriculum development and methodologies developed; work in close association with schools and teachers; collect, up-date and maintain a database and qualitative information on a periodic basis.

Qualifications: M.Sc. or Research Degree in Physics/Chemistry/Life Sciences or B.E. with a sound knowledge of the subject, sensitivity to issues of teaching and learning science or expertise in pedagogy/psychology/sociology of science education. Experience in teaching is preferred.

Salary (cost to the organization): Rs 12,000 to Rs 16,000 (for RA) and Rs 15,000 to Rs 25,000 (for Faculty) based on qualification and experience.

The position is for five year contract period with one year probation period. In addition two fellowships are also available. Those who want to work on a short-term (3 to 6 months) placement are also encouraged to apply. Send applications with CV and two notes on (500 words each): (i) outline of open-ended investigatory project in any topic in Science appropriate for middle/high school and (ii) Design an experiment (or activity) to demonstrate any one concept in Science for middle/high school, and give reasons why doing that experiment (activity) would give the students a better understanding of the concept than the manner in which it is currently taught. Send your applications (by e-mail to recruitment@eklavya.in alternatively by post: **Executive Officer**, Eklavya, E10, BDA Colony, Shankar Nagar, Shivaji Nagar, Bhopal 462 016) on or before **30 August 2011**. Ph: (755) 255 0976, 267 1017; for inquiry – (0755) 246 3380, 420 3213.