Chettinad
Academy of Research & Education
(Deemed to be University Under Section 3 of the UGC Act 1956)
(NAAC Accredited)

Chettinad Academy of Research and Education (CARE) invites applications from eligible and translational research-oriented candidates to the posts of Professor/Associate Professor/Assistant Professor in the subjects of Medical Bio-Nanotechnology, Tissue Engineering and Regenerative Medicine, Molecular Diagnostics, Occupational Health and Industrial Safety, Marine Pharmacology, Medical Biotechnology, Clinical Research and Experimental Medicine, Health and Yoga, Counseling Psychology, Computational Biology, Bioinformatics, Pharamaceutical Chemistry and English.

Emoluments: As per UGC norms (adequate compensation for Postdoctoral/Teaching experience).

Candidates fulfilling the eligibility criteria as per the UGC norms can send their full CV with copies of certificates and reference letters to the following address by post or by e-mail on or before **31 May 2014**.

The Registrar, Chettinad Academy of Research and Education, Chettinad Health City, Kelambakkam, Chennai 603 103, Tamil Nadu, Tel.: +91 (0)44-4741 1000 Fax: +91 (0)44-4741 1011, e-mail: jobs@chettinadhealthcity.com.

Science and Engineering Research Board (SERB)

A statutory body under the Department of Science and Technology, Government of India

Call for Project Proposals on Earth's Critical Zone Research

The Science and Engineering Research Board (SERB) invites project proposals from Indian scientists to carry out multi-disciplinary research on Critical Zone in different geologic and climatic domains of India.

The earth's Critical Zone (CZ) is defined as heterogeneous segment extending from the surface to the aquifer in which complex interactions involving rock, soil, water, air and living organisms regulate the natural habitat and determine availability of life-sustaining resources. Weathering processes, water movement, soil formation and erosion combine to control landscape evolution, carbon sequestration, nutrient cycling and microbial activity within CZ. It is important to study the processes and multiple feedback loops that control landform evolution, soil formation, hydrologic and geochemical cycling in order to understand the present status of CZ and predict how CZ will change in response to anthropogenic and climatic perturbations. This makes Critical Zone as one of the most compelling and challenging research areas in Earth Sciences in the 21st century.

Project proposals are invited on Critical Zone research theme as outlined above, particularly in any of the following areas:

- Landform, ecosystem and climate interactions
- Soil–landform system
- Hydrology and flux flow within CZ
- Modern and ancient weathering and erosion system
- Geomicrobiology and geochemical cycling

Project proposals may be submitted to the Earth Sciences PAC under the EMR Scheme through online at www.serbonline.in for consideration by SERB **within two months** of publication of this call.