



Department of Science and Technology
Ministry of Science and Technology
Science and Engineering Research Council (SERC)

Call for Research Proposals

CONTINENTAL TROPICAL CONVERZENCE ZONE (CTCZ)

The Science and Engineering Research Council (SERC), Department of Science and Technology, Government of India invites research and development (R&D) project proposals for undertaking challenging and innovative scientific research in Atmospheric Sciences, in particular the land-ocean-atmospheric interaction studies proposed under the Continental Tropical Convergence Zone (CTCZ) as part of the Indian Climate Research Programme. CTCZ is a broad-based multi-disciplinary science strategy offering the widest possible scope for investigation of all important physical, chemical, dynamical and other related processes of the monsoon over the Indian region.

This mega field experimental-cum-modelling study is focusing on the dynamics of the geosphere-biosphere interactions, cloud-aerosol interactions, regional hydrological features and their feed-back mechanism to the atmosphere during different epochs of the Indian monsoon. The CTCZ science plan describe some of the key scientific questions and necessity to obtain significant new observational datasets and ideas for model development towards evolving direct and indirect effects and their feedback mechanisms for understanding the regional climate/monsoon system. The implementation strategy includes (a) deployment of land-based, ocean-based and space-based observational systems, (b) data assimilation and analysis, and (c) modeling the atmospheric processes during the period 2009-2011. Request for a soft copy of the Science Plan or any further information can be obtained by E-mail to psrao@nic.in or psanjeevarao@yahoo.com

Innovative research proposals (15 copies) to meet the objectives of the CTCZ program may be submitted in the SERC prescribed format (<http://www.serc-dst.org>) to **Dr P. Sanjeeva Rao**, Scientist-G, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016. The CTCZ related proposals shall be considered at three months intervals until **31 December 2009** by the Department.



**IIAR invites Application for the Post of Director
School of Biological Sciences and Biotechnology**

www.iiar.res.in

Applications are invited to fill up the post of Director, School of Biological Sciences and Biotechnology, at Indian Institute of Advanced Research, Koba, Gandhinagar (Gujarat)

Essential qualifications: A distinguished life sciences scientist with Ph.D. degree and track record as evidenced by publications, awards, fellowships of academies and leadership qualities with a minimum twenty years of research experience.

Desirable: Experience of running educational and teaching program along with research. The appointment can be through (a) direct recruitment; (b) on deputation basis; (c) contractual, especially in case of superannuated scientists.

Salary: Would be equivalent to the Director of National labs/Academic institutions and would be negotiable as per the qualifications.

To apply: Please send your application through postal mail/e-mail latest by **28 February 2009** to:

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