

Continental Tropical Convergence Zone (CTCZ) Programme

A Nationally Co-ordinated Research Programme, Funded by the
Ministry of Earth Sciences, Govt of India

Call for Research Proposals

The major objective of the ongoing CTCZ programme of the Indian Climate Research Programme is to understand the mechanisms leading to space-time variation of the summer monsoon rainfall and embedded monsoon disturbances.

Important phenomena addressed are (i) links of monsoon variability with the convection over the surrounding oceans and (ii) intra-seasonal variation of the monsoon. Process studies are planned for (i) land surface-atmosphere interaction, (ii) aerosols: role in the variability of the monsoon, (iii) interaction between different scales of convection, i.e. from cloud-scale through meso and synoptic scales to the planetary scales. More details about the CTCZ programme can be found at <http://www.odis.incois.gov.in/Insitu/CTCZ/main.jsp>

The approach adopted involves field experiments over land and ocean designed to study specific phenomena or process studies, analysis of data from special ocean platforms, conventional and satellite data sets, and theoretical studies with models of varying complexity focusing on the CTCZ objectives.

Proposals are invited from interested scientists for funding for research on any of the foci of the CTCZ programme. A soft copy of the proposals (in the format given at <http://dod.nic.in/RND/FORMATS%20FOR%20SUBMISSION%20OF%20PROJECT.doc>) should reach **Dr H. R. Hatwar** (e-mail: hrhatwar@gmail.com), Project Manager, CTCZ Project Office, CAOS, Indian Institute of Science (IISc), Bangalore 560 012 on or before **25 August 2012**.



Madurai Kamaraj University

Palkalai Nagar, Madurai 625 021

UGC-NRCBS XXV – Winter School on ‘Plant Genetic Engineering’
3–17 September 2012

UGC-Networking Resource Centre in Biological Sciences
School of Biological Sciences



UGC-NRCBS, Madurai Kamaraj University invites applications from research scholars, post-docs, young faculty members and scientists of Indian universities/research institutions for the Winter School on ‘Plant Genetic Engineering’ to be held from 3–17 September 2012. The Winter School is aimed to provide the participating young researchers with hands on training in the area of *Agrobacterium* mediated transformation and characterization of the transgenic plants. This will include construction of plant transformation vectors, mobilization of binary vectors into *Agrobacterium*, plant transformation, selection and regeneration of transgenic plants, screening and characterization of transgenic plants. The detailed instruction and application form can be downloaded from the website www.nrcbsmku.org or www.genomicismku.org. Candidates should submit the filled application form to **Dr R. Sripriya**, Convener, UGC-NRCBS Winter School on ‘Plant Genetic Engineering’, School of Biological Sciences, Madurai Kamaraj University, Madurai 625 021 on or before **10 August 2012**. Applications should be forwarded by their research supervisor/Head of the department or Head of the institution. Applications sent via e-mail will also be considered. The duly forwarded hard copy should reach within a week. The candidates will be selected based on their qualification and research interests. TA/DA will be provided to the selected participants as per the MK University regulations.

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