



ANNOUNCEMENT



International Conference on “MEGHA-TROPIQUES Science and Applications”

Organized by

**Indian Space Research Organisation (ISRO) and
Centre National d'Etudes Spatiales (CNES)**

Hosted by

Space Applications Centre, Ahmedabad, India, 21–23 January 2009

Megha-Tropiques ('Megha' in Sanskrit means clouds and 'Tropiques' is the French word for tropics) is a joint ISRO and CNES (French Space Agency) science collaboration project. The main objective of this mission is to understand the energy and hydrological cycle in tropics. This satellite will be placed in a unique orbit (20° inclination and 867 km altitude), so as to obtain the highest coverage of the tropical region. The satellite will have four payloads: a passive microwave radiometer (MADRAS: 18.7 GHz, 23.8 GHz, 36.5 GHz, 89 GHz and 157 GHz) to derive rainfall, water vapour, liquid water, ice and surface winds, a radiation budget sensor (ScaRaB: 0.5–0.7 μ , 0.2–4.0 μ , 0.2–200 μ and 10.5–12.5 μ) to estimate the radiation budget, a passive microwave sounder (SAPHIR: 6 channels around 183.31 GHz) and a GPS radio-occultation limb sounder for humidity profile.

The primary goal of this conference will be to discuss how satellite data can be used to understand the variations in water vapour, clouds, liquid water, ice and radiation budget that occur in the tropics. The conference will have invited speakers as well as contributed papers. We welcome contributions from scientists all over the world. The conference website (<http://www.mtconf2009.org>) provides more information about the conference, including the guidelines for submission of extended abstracts. All interested participants are requested to register through the conference website for receiving updates on the conference.



DEPARTMENT OF BIOTECHNOLOGY, UNIVERSITY OF PUNE

Applications are invited for temporary post of a **JRF** in a BRNS (DAE) project entitled '**Protein synthesis regulation during radiation induced oxidative stress**' sanctioned to Prof. J. K. Pal at the Department of Biotechnology.

Total post : 1

Duration : One year (likely to be extended for another 2 years)

Qualifications : **JRF**: The applicants must have a good academic record (minimum 55% marks) with M.Sc. in Life Sciences/Biochemistry/Microbiology/Biotechnology/Zoology/Biophysics/Genetics/Health Science. **NET/GATE qualification is preferred.**

Total emoluments : Rs 10,000 (likely to be revised to 12,000 p.m.), HRA will be paid as per rules.

Applications along with bio-data and copies of statement of marks and certificates should reach the **Head (Attention: Prof. J. K. Pal)**, Department of Biotechnology, University of Pune, Pune 411 007, within 20 days of publication of this advertisement in *Current Science*. Suitable candidates will be called for interview subsequently.

Dr M. L. Jadhav
Registrar