

## NORTH MAHARASHTRA UNIVERSITY, JALGAON

### Advertisement for the post of Junior Research Fellowship (JRF)

Applications are invited for the following post in the DAE–BRNS (Department of Atomic Energy–Board of Research in Nuclear Sciences) project undertaken by Dr B. R. Sankapal, Department of Physics, North Maharashtra University, Jalgaon 425 001, India.

<b>Name of the project</b>	: Chemical synthesis of quantum dots and their light sensitization for solar cell application (Sanc. No. 2010/37C/5/BRNS)
<b>Project duration</b>	: Three years
<b>Name of the post</b>	: Junior Research Fellow (JRF) (one post – co-terminus with the project)
<b>Qualifications</b>	: M.Sc. in Physics (I class) with consistently good academic record
<b>Emoluments</b>	: Rs 12,000 per month for first two years and Rs 14,000 per month for the third year

Candidates possessing the requisite qualifications may submit their applications on plain paper along with complete bio-data with e-mail address, recent passport size photograph, attested copies of certificates and mark sheets to **Dr B. R. Sankapal**, Department of Physics, North Maharashtra University, Jalgaon 425 001, India (e-mail: [brsankapal@rediffmail.com](mailto:brsankapal@rediffmail.com)) by post on or before **9 August 2010** from the date of this notification.

**Note:** The short-listed candidates will be called for an interview. The date of interview will be intimated by e-mail. No TA/DA will be paid for attending the interview.

Dr B. R. Sankapal  
Principal Investigator

## INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE 411 008

(An Autonomous Institute under Ministry of Earth Sciences, Government of India)

Advertisement No. PER/09/2010

### Opportunities for Talented Young Scientists in Climate Science

The Indian Institute of Tropical Meteorology (IITM), Pune, an autonomous research organization, fully devoted to research in various aspects of climate science is looking for recruiting bright talented candidates of Indian origin to fill 20 Research Scientist positions in the following areas: (i) Development of a Dynamical Prediction System of Seasonal Mean Monsoon Rainfall; (ii) Extended Range Prediction System for Active and Break Spells of the Monsoon; (iii) Interaction between Tropical Convection and Large Scale Circulation and Parameterization of Tropical Convection for Weather and Climate Models; (iv) Physics and Dynamics of Tropical Clouds using Radars and Similar Techniques and (v) Climate Change and Indian Monsoon.

Its activities include training to post graduates and motivate them to take up research careers in atmospheric and oceanic sciences required to improve the skill of weather and climate prediction models. A Centre for Climate Change Research (CCCR) has also been established at IITM to address all science issues related to climate change and Indian monsoon. To cater to the modelling needs, a High Performance Computing (HPC) Centre has been set up with peak performance of 70 TF, ranked 94th in the world. The Institute has excellent infra-structural facilities and also has the state-of-the-art equipments for field observations. It has MoU with University of Pune for carrying out work leading to the award of M.Tech. and Ph.D. Degrees in Atmospheric Sciences and allied subjects.

For details of the posts please visit the Institute's website <http://www.tropmet.res.in>. Aspiring candidates may please submit applications, separately for each particular Scientific Position, in the proforma with detailed CV, a list of publications and other relevant papers to the Administrative Officer of this Institute by **16 August 2010**.