



University of Madras National Centre for Ultrafast Processes



Invites applications for Junior Research Fellowship

National Centre for Ultrafast Processes (NCUFP) was established at University of Madras with major funding from Department of Science and Technology, Government of India under IRHPA programme in 1997. NCUFP is an advanced research centre catering to the needs of the researchers in the disciplines of chemistry, physics and biology. UGC has also recognized NCUFP as an INNOVATIVE CENTRE in 2004 for the Teaching and Research programme on PHOTONICS and BIOPHOTONICS.

The centre houses hi-tech lasers and state-of-art facilities like Picosecond Time Correlated Single Photon Counting Spectrometer, Picosecond Pump-Probe Spectrometer, Femtosecond Up-conversion Lifetime Spectrometer, Picosecond and Nanosecond Nd-YAG Lasers, Excimer Laser and Laser Scanning Microscope.

The research activities of the centre include electron transfer, proton transfer, solvation dynamics, nanomaterials, supramolecular inorganic and polymeric systems. The centre operates research projects funded by DST, CSIR, UGC and DRDO.

The centre invites applications from motivated and committed persons for **One Junior Research Fellowship position** under a DST project '**Design of NADH Model based Fluorescence Chemosensors and investigations on their excited state behavior**' funded to Prof. P. Ramamurthy.

Essential Qualifications: Minimum qualifications: M.Sc. First class in Chemistry with consistent academic record, with preferably GATE/NET qualification.

Fellowship: Rs 8000 per month + HRA + MA
No TA/DA will be paid for attending the interview.

Tenure: Three years. The candidates could register for Ph.D. programme in the University.

Applications on plain paper along with updated curriculum vitae may be sent to:

Director, National Centre for Ultrafast Processes, University of Madras, Taramani Campus, Chennai 600 113 on or before 31 December 2006. e-mail: prm60@hotmail.com