



**PONDICHERRY UNIVERSITY**  
**DEPARTMENT OF PHYSICS**  
**SCHOOL OF PHYSICAL, CHEMICAL AND APPLIED SCIENCES**

**Advertisement for JRF/SRF/RA**

Applications are invited for the JRF/SRF/RA to work in the project entitled '**Optical Soliton Propagation in Various Dielectric Nonlinear Media**' funded by Indo-French Centre for the Promotion of Advanced Research. This is a joint research collaboration with Prof. P. T. DINDA, Laboratoire de Physique, de l'Université de Bourgogne, UMR CNRS No. 5027, Av. A. Savary, B.P.47 870,21078 Dijon Cédex, France. Under this scheme, selected candidate may be able to visit France. Applications on a plain paper with the following details: Name, Address, Date of Birth, NET/GATE result, Nationality, Educational Qualifications (SSLC onwards – enclose attested copies of certificates), Research experience and Research Publications (for RA only) may be sent to: **Prof. K. Porsezian, Principal Investigator, Department of Physics, Pondicherry University, Pondicherry 605 014** within fifteen days from the date of this advertisement.

**Junior Research Fellow:** The minimum qualifications are: M.Sc. (Physics) with 55% marks and passing NET/GATE test. The fellowship is for a period of three years and fellowship amount is Rs 8000/- pm + HRA.

**Senior Research Fellow:** The minimum qualifications are: M.Sc. (Physics) with 55% marks with two years research experience in the area of Nonlinear Dynamics/Nonlinear Optics. The fellowship is for a period of three years and fellowship amount is Rs 9000/- pm + HRA.

**Research Associate:** The minimum qualification is Ph.D. thesis submitted /Doctorate in Physics and the Doctorate degree preferably in the area of Nonlinear Dynamics/Nonlinear Optics. The Research Associateship is for a period of two years and fellowship amount is Rs 11,000/- pm (Rs 10,000 for submitted candidates) plus HRA.

Place: Pondicherry  
Date: 03 .04.06

Prof. K. PORSEZIAN  
Department of Physics, Pondicherry University  
Pondicherry 605 014 (e-mail: ponzsol@yahoo.com)



**CENTRE FOR ENVIRONMENTAL MANAGEMENT  
OF DEGRADED ECOSYSTEMS (CEMDE)**

University of Delhi, Delhi - 110 007

**International Symposium on  
Biology, Ecology and Management of World's Worst  
Plant Invasive Species  
December 10 - 14, 2006**

**Centre for Environmental Management of Degraded Ecosystems  
University of Delhi, Delhi 110007**

Biological invasions constitute one of the global environmental issues. The magnitude of biodiversity losses, land degradation and productivity losses of managed and natural ecosystems due to invasive species are alarming. More than 120,000 species, including plants, animal and microbes, have invaded Australia, Brazil, India, South Africa, England and United States. Although forest and agroecosystems have been threatened by the invasive species in India and other developing countries, the actual estimates of impacts on ecosystem function are not available. The list of top 10 world's worst weeds includes *Mikania micrantha*, *Chromolaena odorata*, *Lantana camara* and *Eichhornia crassipes*. *Parthenium hysterophorus* and *Lantana camara* are top two invasive species in Indian subcontinent and have been bringing rapid changes in ecosystems. Most of the management attempts failed at regional scale. It is in this context that the Symposium on "Biology, Ecology and Management of World's Worst Plant Invasive Species" will be organized at the Centre for Environmental Management of Degraded Ecosystems, University of Delhi. The objectives of the symposium are to (i) discuss the state-of-art knowledge on different facets of the world's worst weeds, (ii) evolve an effective and efficient management systems for the weed infested ecosystems, and (iii) expose the stakeholders to the latest strategies on the eradication and control of invasive weeds of managed and natural ecosystems. The program will include invited and keynote speakers as well as oral and poster presentations from volunteer participants. Young researchers are encouraged to participate and limited funds are likely to be available to support their participation. For detail, please contact:

**Professor Inderjit**

**CENTRE FOR ENVIRONMENTAL MANAGEMENT OF DEGRADED ECOSYSTEMS  
University of Delhi, Delhi 110007 (Tel: 2766-2402; Email: Inderjit@cemde.du.ac.in)**