



**International Institute of Information Technology, Hyderabad**  
Center for Computational Natural Sciences and Bioinformatics

**Junior Research Fellow/Project Assistant Positions**

Applications are invited for four Junior Research Fellow (or) Project Assistant positions in the following research projects.

(1) DST project titled 'Theoretical investigations of photophysics and photochemistry of DNA using metal nanoparticles', under the guidance of Prof. Harjinder Singh (CCNSB, IIIT-Hyderabad, and Prof. Biman Bagchi (SSCU, IISc, Bangalore).

(2) DST project titled 'Prediction and modulation of the stereochemical course of transannular Diels-Alder reactions: Quantum mechanical and molecular dynamics studies' under the guidance of Dr Deva Priyakumar (CCNSB, IIIT-Hyderabad).

(3) DAE project titled 'Hybridization in heterogeneous nucleic acids, and the sequence dependence on their structure, stability and dynamics – A molecular dynamics investigation' under the guidance of Dr Deva Priyakumar (CCNSB, IIIT-Hyderabad).

(4) Research project titled 'Automatic methods for reaction coordinate inference' under the guidance of Dr Prabhakar Bhimalapuram (CCNSB, IIIT-Hyderabad).

The above projects involve theoretical modeling and simulation of chemical/biological processes. For more details, visit: <http://www.ccnsb.iit.ac.in/faculty.html>

**Desired qualification:** M.Sc. in chemistry/physics; GATE/UGC-CSIR NET qualification; experience in computational chemistry with knowledge of computers desirable.

**To apply:** Send detailed curriculum by e-mail or to the following address

Mr Bal Santosh (balsantosh@iiit.ac.in), CCNSB, IIIT-H, Gachibowli, Hyderabad 500 032.

**Centre for Genetic Manipulation of  
Crop Plants (CGMCP)**

University of Delhi South Campus  
Benito Juarez Road  
New Delhi 110 021

Applications are invited for two temporary positions of Research Scientists from candidates who have received their doctoral degree or have submitted their doctoral thesis in the DBT funded project '**Centre of Excellence on Genome Mapping and Molecular Breeding in Brassicas**'. Candidates should have good knowledge of genetics and plant breeding, mapping methodologies and plant molecular biology.

*Scale of pay* : Rs 8000–275–13,500 + allowances

Application with CV and attested copies of certificates may be sent to **The Director**, CGMCP by post or by e-mail (dpental@gmail.com) within 15 days of this advertisement.