

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Applications are invited for temporary positions of Project Scientists (3) and Senior Project Scientist (1) in a DST sponsored project entitled '**Setting Up of a Supercomputing Facility at IIT Kanpur**'. The Project Scientists/Senior Scientist will be involved in executing high quality research using the interdisciplinary High Performance Computing (HPC) facility that is being set up at Computer Centre, IIT Kanpur. Each Scientist will be under overall supervision of one or more faculty members in the HPC area of the Institute.

Qualifications: Ph.D. in Science/Engineering with strong background on Computational Science/Engineering. M.Tech. with 4 years of research experience in computational areas listed below may also be considered.

The candidates should have a proven record of high quality research using advanced computational methods in at least one of the following broad areas: (i) Computational mechanics and fluid dynamics, (ii) Computational materials science and engineering, (iii) Computational chemistry and biology and (iv) Computational condensed matter physics. Knowledge of parallel computing and familiarity with high performance computers would be desirable. The Senior Project Scientist is expected to have 1–2 years of additional research experience after Ph.D. However, if no suitable candidate is found at Senior Project Scientist level, Project Scientists can be considered for all the available positions.

Salary range:

Senior project scientist: Rs 18,000–36,000 per month (consolidated) depending on qualification and research experience.

Project scientist: Rs 15,000–30,000 per month (consolidated) depending on qualification and research experience.

Applications on plain paper giving details of the educational qualifications, research experience and list of publications should reach the following address on or before **30 June 2010**. A letter of reference, preferably from Ph.D. adviser, should also reach the following address before **30 June 2010**. The maximum tenure of appointment will be for the duration of the project (till September 2012).

Dr Amalendu Chandra

Department of Chemistry

IIT Kanpur 208 016

e-mail: amalen@iitk.ac.in