

**Applications are invited for
Institute Post-Doctoral Fellows
at
Center for Nanosciences
Indian Institute of Technology, Kanpur**

Job specifications: Research in the ongoing themes of the center with an interdisciplinary group of faculty members covering nanofabrication (self-assembly, top-down) and its applications in following area:

(A) Energy: Solar cells, micro batteries, fuel cells, Supercapacitor

(B) Health care: Bio-nanomaterials and devices, drug delivery, cell tissue scaffolds and development of nano-bio platforms for the early detection of diseases.

(C) Environment: Nanomaterials and platforms for air, water and industrial pollutant remediation.

Emphasis is on soft matter and soft routes of nanofabrication such as soft lithography, electrospinning, etc and a variety of functional nanomaterials and interfaces. For further details on the center and ongoing research one can check: <http://www.iitk.ac.in/nanoscience/>

Minimum Qualification: Ph.D. in Physics/Chemistry/Biology/any discipline in Engineering with background in nanoscience/nanotechnology. Candidate should have good publication track-record in any of the above mentioned themes.

Desired Qualification: Candidates should have proven experience in nanomaterial synthesis and characterization using experimental tools such as SEM/HRTEM, AFM, and XRD, micro-nanofabrication using conventional or non-conventional methods (lithography using beams, ions and pattern transfer).

Salary Range: Fellowship amount: Fellowship amount will be 60,000 per month for the first year, 65,000- per month for the second year and 70,000 per month for the third year.

Contingency amount: 1,00,000 per year for travel, research publications, analysis of samples, purchase of books not available in library and contingency etc. approved by HOD & DORD. This shall be paid from the Institute account.

Tenure: Each appointment will be made initially for one year and it may be extended subject to satisfactory performance. Under no circumstances the fellowship duration can exceed three years.

Accommodation: No on campus accommodation will be provided. HRA may be paid @ 16% of the fellowship amount for off-campus housing.

The institute reserves the right to fix suitable criteria for short listing of eligible candidates satisfying qualification and experience. Only shortlisted candidates may be called for an interview.

How to Apply: To apply click on the link: <https://pingala.iitk.ac.in/IITKFR-0/login> and get registered yourself in Pingala. After registration login and click on the Apply Button. While applying Choose “CENTER FOR NANOSCIENCES” from dropdown menu.

For any query contact: prabhatd@iitk.ac.in or manishm@iitk.ac.in

Contact No: 0512-259-6265/6273/6268

Prof. Sri Sivakumar
Center for Nanosciences
Indian Institute of Technology Kanpur
Kanpur- 208016, U.P., India
sisiva@iitk.ac.in