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/HREM, 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](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

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