



Indian Institute of Technology Indore

IIT Indore

IET Campus: IET-DAVV Campus, Khandwa Road, Indore – 452 017 (M.P.)

PACL Campus: 113/2-B (Opp. to Veterinary College), Village Hernia Khedi, MHOW Road, Indore 453 446 (M.P.)

Dated: September 25, 2014

Advertisement for JRF/SRF Position

Applications are invited from motivated and eligible candidates for the position of fellow in a CSIR funded research project titled "**Recycling Krylov Subspaces for Parametric Model Order Reduction and Uncertainty Quantification**".

Many of the Parametric Model Order Reduction and Uncertainty Quantification algorithms require solving sequences of large and sparse linear systems, which is a "key" bottleneck when scaling these algorithms for large-scale models. This research aims to efficiently solve such sequences by recycling "information" from one linear system to the next.

Eligibility:

- (i) M.Tech./M.E. degree in Computer Science and Engineering OR
- (ii) M.Sc. degree in Mathematics and NET qualified.

Stipend:

The amount of fellowship will be as per CSIR norms, which is as follows.

- (i) **JRF @Rs.12,000/-** pm plus HRA/MA : Possessing M.Sc./BE/ B. Tech or equivalent degree with 55% marks and passing of NET/GATE test. **Age Maximum 28 years.**
- (ii) **SRF @Rs.14,000/-** pm plus HRA/MA : Possessing (i) M.Sc./BE/ B. Tech./ BVSc./B.Pharm or equivalent and at least 2 years of post-M.Sc./BE/ B.Tech./BVSc./B.Pharm, research/teaching experience as evidence from published papers in standard refereed journals; (ii) ME/M. Tech. or equivalent degree in Engg./Techno.; (iii) MBBS or BDS with 1 year internship/ M.V.Sc/M.Pharma or equivalent. **Age limit maximum 32 years.**

Age Relaxation: Upper age limit is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates

Duration: Initial appointment is for one year, which is extendable solely based on performance.

Interested candidates are requested to submit a detailed CV to **Dr. Kapil Ahuja**, Discipline of Computer Science and Engineering, Indian Institute of Technology Indore, via e-mail: kahuja@iiti.ac.in by **3rd October 2014**. Incomplete applications will be rejected.

Only shortlisted candidates will be intimated by email for interview. No TA/DA will be paid for appearing in the interview.