

**Department of Computational and Data Sciences
Indian Institute of Science
Bangalore – 560012**

Advertisement No: CDS/RB/SERB-EEQ/JAN2023/JRF, Date: 18/01/2023

Advertisement for the post of Junior Research Fellow

Applications are invited for a Junior Research Fellow in the [Numerical Algorithms and Tensor Learning Lab](#) at CDS, IISc. The details are provided below:

Specific Roles and Responsibilities: The project work involves the following tasks -

- Designing Algorithms for Tensor Decompositions and Applications
- Computing Tensor Generalized Inverses and Applications
- Solving Multilinear Systems using the Direct Methods and Iterative Methods.

Essential Qualifications:

- Undergraduate (BTech, BE) or Master's level (MSc/ME/MTech or equivalent) degrees in Mathematics/Physics/Statistics/Computer Science/Electrical/Electronic/Computational and Data sciences or equivalent subjects with minimum 60% marks + CSIR-JRF or UGC-JRF or valid Gate qualification.
- Knowledge of Numerical Linear Algebra, Differential Equations, Iterative Methods and Basic Programming.

Please revise Linear Algebra, Numerical Methods, and Programming concepts before appearing for the interview. The applicants are expected to have good communication skills (speaking and writing) and be willing to work in a team environment. They should be enthusiastic about learning new concepts and working on new problems.

Salary: Rs. 31,000 per month + HRA (as per GOI norms)

Terms of Appointment: Initially for one year and renewable thereafter depending on performance.

Conversion to Ph.D.: The candidate will be considered for admission to our regular Ph.D. program and stands a good chance in gaining an accelerated Ph.D. (subject to all IISc norms and regulations with good performance).

How to Apply: Interested candidates may send their resume by email to ratikanta@iisc.ac.in: (preferably in pdf format, with subject marked "Advertisement No. CDS/RB/SERB-EEQ/JAN2023/JRF").

Online Interview: Based on the applications, candidates will be called for online interviews.

Last Date for Application: February 10, 2023, or continue until the position is filled.

Contact Details:

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Indian Institute of Science

Bangalore - 560012

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