

Recruitment of JRF for DST-SERB Project

Complex Systems Lab

Indian Institute of Technology Indore

Past few decades have witnessed tremendous success in the field of network theory, developing new insights into understanding complicated interactions in natural systems. Further, realizing complex networks under the more realistic multiplex network framework has revolutionized this field resulting in an array of studies to analyse and understand complicated interactions in natural and artificial networks. Complex Systems Lab at IIT Indore is steadily working towards understanding the intricate working principles of various model and real-world networks using sophisticated tools of network theory and spectral graph theory under multiplex network framework. We would be happy to welcome one more bright and motivated student with excellent academic record for the following JRF position:

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|---------------------------|--|
| Title of the Project | Analysis of Interplay of Multiplexing and Optimization in Complex Network |
| Name of Sponsoring Agency | SERB-DST , New Delhi, India |
| Principal Investigator | Dr. Sarika Jalan |
| Monthly Salary | As per DST norms |
| Eligibility | <ul style="list-style-type: none">• M.Sc/M.Tech/M.Phil in Physics/Mathematics with 60% marks or equivalent CGPA• Age below 28 years• Candidates having NET/GATE will be preferred• Prior knowledge in programming |
| Application Procedure | Interested and eligible candidates are requested to e-mail their detailed resume comprising of educational/ professional qualifications and publications (if any) at sarikajalan9@gmail.com |

Appointment will be for three years and the selected candidate will get an opportunity to do PhD in the same topic from IIT Indore.

This is a rolling advertisement and interviews will be held at regular intervals until the position is occupied.

For more information, please visit <http://people.iiti.ac.in/~sarika/>