

## Indian Institute of Technology Indore

### Complex Systems Lab

#### Recruitment of JRF/SRF/RA for CSIR Project

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 analyze 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/SRF/RA position:

Title of the Project	<b>Extreme value statistics and evolution of various patterns in real world complex systems</b>
Name of Sponsoring Agency	CSIR, New Delhi, India
Principal Investigator	<a href="#">Prof. Sarika Jalan</a>
Monthly Salary	As per CSIR norms
Eligibility	<b>For JRF:</b> <ul style="list-style-type: none"><li>• M.Sc/M.Tech/M.Phil in Physics/Mathematics with 60% marks or equivalent CGPA</li><li>• Candidates having NET/GATE will be preferred</li><li>• Prior knowledge in programming</li></ul> <b>For SRF:</b> <ul style="list-style-type: none"><li>• M.Sc/M.Tech/M.Phil in Physics/Mathematics with 60% marks or equivalent CGPA</li><li>• Candidates having NET/GATE will be preferred</li><li>• Two years of research experience</li></ul> <b>For RA:</b> <ul style="list-style-type: none"><li>• Ph.D. (note that the candidate should have defended Ph.D. dissertation) in Physics/Applied Mathematics</li></ul>
Application Procedure	Interested and eligible candidates are requested to E-mail their detailed resume comprising of educational/ professional qualifications and publications (if any) at <a href="mailto:sarikajalan9@gmail.com">sarikajalan9@gmail.com</a>

Appointment will be for one year and can be extended on performance basis. The selected JRF/SRF 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/>