



## **Advertisement for a Postdoctoral Position in the Department of Mathematics**

Self-motivated candidates are invited to apply for a **postdoctoral position** in the group of **Dr. Partha S. Dutta, Department of Mathematics, IIT Ropar**. The candidate will be working on “**Critical Transitions and its Indicators in Living Systems**”. The position is contractual (renewable up to maximum for three years based on satisfactory progress and relevant recommendations), and will be funded by the IIT Ropar under the institute postdoctoral fellowship programme.

### **Requirements:**

1. Should have expertise in stochastic process, statistics, and dynamical systems.
2. Adequate programming knowledge of MATLAB/C++/R/Python is needed.
3. Good quality publications in peer reviewed journals.
4. Good speaking and writing skills in English.

### **Eligibility:**

- a. Ph.D. degree holders are eligible to apply within five years after completion of their Ph.D.
- b. Candidates who have submitted the thesis are also eligible. However, in case of selection, selected candidate has to complete the Ph.D. viva (defense) within three months from the date of joining (extendable by another three months in special cases).
- c. Candidates completed Ph.D. under the supervision/co-supervision by faculty members of IIT Ropar can only apply after 3 years of completion of their Ph.D.

**Fellowship:** As per the institute postdoctoral fellowship (Rs. 40,000/- before viva, Rs. 45,000/- to Rs. 55,000/- after completion of viva and depending upon the experience and qualification).

**Application:** Completely filled and signed application form (enclosed) along with bio-data and two recommendation letters should be sent to the undersigned by email. The form (word file) may be downloaded by double clicking this word



icon:

**Last date of submitting application form and recommendation (by email) is 20-09-2020.**

**Only shortlisted candidates will be notified through email.**

### **Dr. Partha Sharathi Dutta**

Associate Professor

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