



Indian Institute of Technology Gandhinagar Palaj, (Gandhinagar), 382355 –Gujarat

Date: 2 November 2017

Advertisement for JRF Position

Applications are invited for a Junior Research Fellow (JRF) position for the project “**Asymptotic problems for stochastically perturbed switching dynamical systems**” under the supervision of Prof. Chetan D. Pahlajani with the Discipline of Mathematics, IITGN. The project will focus on the effects of random noise on switching dynamical systems, with an eye towards applications such as power electronics, control systems, gene networks, etc.

Name of Position: Junior Research Fellow (JRF)

Salary : Rs. 25000 pm (No HRA if campus housing/hostel is provided)

Qualification: The essential qualifications are

1. Master’s degree (M.Sc.) in Mathematics or in a related field (e.g., M.Sc. in Statistics, M.Tech. in Electrical Engineering)
2. Valid NET/GATE qualifications
3. Strong mathematical background.

The successful applicant will be well-versed in at least one of the areas of Probability or Dynamical Systems, with an interest in and some exposure to the other. Experience with computer simulation will be a significant advantage, as will be an interest in applications.

Duration: 1 year (renewable yearly upto project completion subject to good performance)

Application Process: Applications may be sent through email to Prof. Chetan D. Pahlajani at (cdpahlajani@iitgn.ac.in) on or before **November 19, 2017**. Applications should include a complete current CV with details of all educational qualifications and research experience (if any). Selection will be based on interview conducted at IITGN. Candidates shortlisted for the interview will be intimated well in advance the date and time of the interview.