

Advertisement for a post of JRF at IIT Hyderabad

Applications are invited for a position of Junior Research Fellow at Department of Mathematics, IIT Hyderabad. The details are as follows:

- **Project title:** Bounds on the number of rational points on varieties over finite fields and applications to linear error-correcting codes.
- **PI.** Dr. Mrinmoy Datta, Assistant Professor, Mathematics Department, IIT Hyderabad.
- **Broad area of work:** Algebraic geometry and linear error-correcting codes.
- **Position:** Junior Research Fellow.
- **Duration:** 2 years (extendable to regular Ph.D. position subject to availability of funds).
- **Funding agency:** SERB.
- **Qualification:** M.Sc. (preferably with first class).
- **Desirable background:** Strong background in M.Sc. level algebra in topics such as groups, rings, fields, linear algebra. Knowledge on commutative algebra and/or algebraic geometry will be a bonus.
- **Remuneration:** Rs 31000/pm + HRA.
- **How to apply:** Interested candidates are kindly requested to send a two-page CV to the PI by email: mrinmoy.datta@math.iith.ac.in.
- **Deadline for application:** Until a suitable candidate is found.
- **Selection Procedure:** Shortlisted candidates will be interviewed online and they will be selected based on their performance in the interview.