



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Advertisement for the post of Junior Research Fellow (JRF) for a sponsored project

Applications are invited from candidates with excellent academic credentials for the position of JRF in an ANRF sponsored research project in the Department of Computer Science and Engineering at IIT Hyderabad.

Position	Junior Research Fellow (JRF) - 1 post
Short description of research work	The work is based on Cache Timing Channel attacks on modern multi-core processors. The cache simulation tools like Champsim and gem5 will be used for the experiments.
Essential qualification	<ul style="list-style-type: none">• M.Tech./M.E. in CSE/ECE/EE/IT with at least 60% marks OR• B.Tech./B.E. in CSE/ECE/EE/IT with at least 60% marks and a valid GATE score in CS/EC/EE• Good understanding of cache timing channel attacks. Also, the candidate should have some experience on working with cache timing channel attacks.• Experience with using architectural simulators like Gem5 or ChampSim.
Desirable skills	<ul style="list-style-type: none">• Practical experience of using Linux command line and scripts• Strong motivation for experimentation and analysis
Period of appointment	Initial appointment will be made for a period of 06 months, and based on performance, the appointment can be extended till the end of the project. The project ends in February 2027.
Fellowship	Rs. 37,000/ + HRA
How to apply	Please fill the form at https://forms.gle/8EKeQB9gif5xHev3A on or before 26th December 2025.
Selection procedure	Candidates will be short-listed based on their academic record/achievements, and only short-listed candidates will be intimated via e-mail for an online interview with a selection committee. Please note that merely meeting the essential criteria <u>does not guarantee</u> a call for an interview. The position will be left vacant if no suitable candidate is found.
Contact	Please contact the PI, Dr. Shirshendu Das at shirshendu@cse.iith.ac.in for any queries with [ANRF-JRF] in the subject.
Note	The position is on-site and in IIT Hyderabad campus.