5G/6G Research Projects at IIT Hyderabad

Applications are invited from the eligible candidates for the below positions from eligible candidates purely on ad hoc basis in the project

Advertisement for Project Associate role in 5G/6G Project IIT Hyderabad

1.	**Name of post**	Project Officer 4
2.	Job Description	• **Leading all the technical activities of IITH and taking care of the overall planning for a self-sustained operation. Creating a vigorous outreach program, writing reports and project proposals; managing the project staff; evaluating and monitoring the project activities. Reviewing the design and implementation, guiding and mentoring the team leads and team members, and Project Management, Development of 6G End-to-End Communication System/ Embedded firmware and Testing of 6G End-to-End Communication System. Software/hardware design/ embedded systems expert with B. Tech or M. Tech with an experience of over 4 years.**
3.	Essential Qualification	B tech / BE/ M tech ME / MS Master's Bachelor's degree Electrical /Electronic engineering, Computer engineering, /MCA/MSC/Bsc/ BCA , Bachelor of Science or Equivalent practical experience
4.	Skills /Experience Required	• Domian Knowledge on RTL Design, implementation, and integrations for FPGA Designs. • Experience with **Intel** or **Xilinx** FPGAs, especially MPSoC FPGA • Knowledge with RTL coding using Verilog/System Verilog. • Architecture exploration and Micro-architecture development • RTL design and integration for **5G NR UE** systems using **Verilog/System Verilog** • Strong debugging capabilities at RTL simulation and FPGA Emulation • Design & develop a 5G L2/L3 protocol stack (RAN & UE).

		• Excellent C programming skills with strong debugging and troubleshooting skills over the Linux platform. • Provided guidance and mentorship to team leads and members throughout the development lifecycle. • Design, implementation, and project management of the 6G End-to-End Communication System, including embedded firmware development and system testing. • A good understanding of Networks, Network Protocols & hands-on experience with UDP/TCP/IP is required
5.	Consolidated Pay	2,40,000 to 2,95,000
6.	Tenure of employment	Contract period of 11 months. However, candidate can be reengaged for subsequent terms based on his/her performance and requirement of the Department/Institute.
7.	Mode of selection	Test and interview
8.	Selection Procedure /Mode of application	1 Interested applicant should apply online through the online google form link . https://docs.google.com/forms/d/1Zl5aXSDX6MU3-UavzEGEORNSppEYxih-94D71_2njCU/edit 2.The candidate will be shortlisted based on the eligibility criteria, academic record, and relevant experience and selected based on the performance is the Witten interview. 3 Date and time of interview: this will be intimated to shortlisted candidates via email. 4 IIT Hyderabad reserves the right to alter the number of vacancies or keep it open till the deserving the right to close the recruitment procedure without selecting anybody, if none of the candidates are found suitable . 6. Candidates with prior experience in relevant areas will be given preference

9.	Tentative date of interview	Date & Time will be informed through mail to shortlisted candidates
10.	Contact	Candidate may contact: (Email:Srinivas.kvn@5g.iith.ac.in) carrers@5g.iith.ac.in