



5G/6G Research Projects at IIT Hyderabad

Date: 2nd June .2025

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

1.	Name of post	Project Officer Engineer 3
2.	Job Description	Responsibilities: Software/hardware design expert with B. Tech or M. Tech with an experience of 5 years'. The tasks performed are development of design, algorithms, and development/implementation of Layer 1,2,3 software. Also, development of system-level-simulation tools and development of RTL on FPGA boards and embedded software. Testing of developed software and FPGA based solutions with signal generation/analysis and protocol testers. Also, mentoring the juniors Engineers.
3	Essential Qualification	B Tech / B.E / MTech / ME / MS Master's/Bachelor's degree in Electrical/ Electronic Engineering, Computer Engineering, or equivalent practical experience
5	Skills/Experience Required	<ul style="list-style-type: none"> • Domain Knowledge on RTL Design, implementation, and integration for FPGA based designs. • Experience with RTL coding using Verilog/System Verilog. • Proficiency in complete FPGA design flow. • Experience with protocols like AXI4-stream and AXI4. • Development of analog RF front-end digital FPGA board • Design & develop a L1/L2/L3 protocol stack

		<ul style="list-style-type: none"> Contribute to software design, development, validation, and documentation to deliver high-quality products in the world of 5G
5.	Consolidated Pay/ Per Month	1,50,000 INR
7.	Anticipated start date	01 st Jul 2025
8.	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.
9.	Mode of selection	Test And Interview
10.	Selection Procedure:/ Mode of Application	<ol style="list-style-type: none"> Interested applicants should apply online through the online google form Link :https://docs.google.com/forms/d/1wBOZ2dFh25vh2de5uue881LvX5VTDcEHuon966ApcUQ/edit The candidate will be shortlisted based on the eligibility criteria, academic record, and relevant experience and selected based on the performance in the written test/Interview. Date and Time of Interview: This will be intimated to shortlisted candidates via email. IIT Hyderabad reserves the right to alter the number of vacancies or keep it open till the deserving candidate is found. IIT Hyderabad reserves the right to close the recruitment procedure without selecting anybody, if none of the candidates are found suitable. Candidates with prior experience in relevant area will be given preference.
11.	Contact	Candidate may contact: (Email: srinivas.kvn@5g.iith.ac.in / careers@5g.iith.ac.in)

1.	Name of post	Senior Project Officers/ Engineer-4
2.	Job Description	Responsibilities: Software/hardware design expert with an experience of 7 years'. The tasks performed are design and algorithms development, reviewing the design and implementation. Also, development of system-level-simulation tools and development of RTL on FPGA boards and embedded software. Also, development of RTL on FPGA boards and embedded software, RF front-end digital FPGA board and embedded firmware. To do the field trials for the developed systems. Further, mentoring the juniors Engineers.
3	Essential Qualification	B Tech / B.E / MTech / ME / MS Master's/Bachelor's degree in Electrical/ Electronic Engineering, Computer Engineering, or equivalent practical experience
5	Skills/Experience Required	<ul style="list-style-type: none"> Domain Knowledge on RTL Design, implementation, and integration for FPGA based designs. Experience with RTL coding using Verilog/System Verilog. Proficiency in complete FPGA design flow. Experience with protocols like AXI4-stream and AXI4. Development of analog RF front-end digital FPGA board

		<ul style="list-style-type: none"> • Design & develop a L1/L2/L3 protocol stack • Contribute to software design, development, validation, and documentation to deliver high-quality products in the world of 5G • Platform development with Xilinx Linux and Windriver linux and board-bring up • Very good in C and Embedded C programming
5.	Consolidated Pay/ Per Month	2,00,000 INR
7.	Anticipated start date	01 st Jul 2025
8.	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.
9.	Mode of selection	Test And Interview
10.	Selection Procedure:/ Mode of Application	<p>2. Interested applicants apply online through the online google form Link :https://docs.google.com/forms/d/1wBOZ2dFh25vh2de5uue881LvX5VTDcEHuon966ApcUQ/edit</p> <p>2. The candidate will be shortlisted based on the eligibility criteria, academic record, and relevant experience and selected based on the performance in the written test/Interview.</p> <p>3. Date and Time of Interview: This will be intimated to shortlisted candidates via email.</p> <p>4. IIT Hyderabad reserves the right to alter the number of vacancies or keep it open till the deserving candidate is found.</p> <p>5. IIT Hyderabad reserves the right to close the recruitment procedure without selecting anybody, if none of the candidates are found suitable.</p> <p>6. Candidates with prior experience in relevant area will be given preference.</p>
11.	Contact	Candidate may contact: (Email: srinivas.kvn@5g.iith.ac.in / careers@5g.iith.ac.in)