Job Notification Form, IIT Delhi

Company Overview

Name:	Espressif Systems (India) Private Limited
Website:	www.espressif.com
Company Type:	Core (Technical)

Description: Espressif Systems (688018) is a public multinational, fabless semiconductor company established in 2008, with headquarters in Shanghai and offices in Greater China, India, and Europe. We have a passionate team of engineers and scientists from all over the world, focused on developing cutting- edge WiFi-and-Bluetooth, low-power IoT solutions. We have created the popular ESP8266 and ESP32 series of chips, modules, and development boards. By leveraging wireless computing, we provide green, versatile, and cost-effective chipsets. We have always been committed to offering IoT solutions that are secure, robust, and power-efficient. By open-sourcing our technology, we aim to enable developers to use Espressif's technology globally and build smart connected devices. In July 2019, Espressif made its Initial Public Offering on the Sci-Tech Innovation Board (STAR) of the Shanghai Stock Exchange (SSE).

Espressif has a technology centre in Pune. The focus is on embedded software engineering and IoT solutions for our growing customers.

Job Details

Designation:	Algorithm Engineer
Type:	Core (Technical)
Place of Posting:	Pune

Job Details: You will be responsible to
• Develop architecture design, signal processing and navigation algorithms for GNSS/UWB for IOT applications.
• Develop new algorithms for high sensitivity, ultra-low power ,jammer resistant receiver designs.
• Work with RTL and SW engineers for implementation of algorithms to meet the required specifications

You must have (Prerequisites):
• Masters/ PhD in EE/Signal processing.
• Good knowledge in any on the following -Digital Signal Processing, Control Systems, Wireless Communication.
• Proficiency in C/Matlab/Python Programming
• Prior experience in any of the following will be considered an advantage Positioning Algorithms for GNSS/UWB, baseband Algorithm design of systems like GNSS/UWB, Inertial Sensor fusion
• Good communication skills and demonstrated proficiency in lateral problem solving.
• Independent and autonomous working style, as well as high degree of flexibility

| Joining By: | 1 July 2022 |

Salary Details

CTC:	2,450,000 INR Per Annum
Gross:	1,850,000 INR Per Annum

CTC Breakup:	Degree Degree Base Performance Bonus* Joining Bonus Retention Bonus Total Package
	Bachlor's Degree Btech 15,00,000 3,00,000 1,50,000 3,00,000 22,50,000
	Master's Degree Mtech 15,00,000 3,00,000 2,00,000 4,50,000 24,50,000

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	3
No. of Offers:	3
Minimum CGPA:	7.5

Eligibility

Recruiting PHDs:	No
Eligible Departments:	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Applied Optics, M.Tech in

Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, B.Tech in Civil Engineering and M.Tech in Geotechnical and Geoenvironmental Engineering, B.Tech in Civil Engineering and M.Tech in Water Resources Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology