Job Notification Form, IIT Delhi

Company Overview

Name: Texas Instruments

Website: www.ti.com

Company Type: Core (Technical)

Description: Texas Instruments Incorporated (TI) is a global semiconductor company that designs and manufactures semiconductors and various integrated circuits. TI is one of the top-10 semiconductor companies worldwide, based on sales volume and is focused on developing analog chips and embedded processors, which account for more than 80% of our revenue. TI has been a pioneer in many innovations in the semiconductor domain including the development of the first integrated circuit, the first patent on a single-chip microprocessor, the first single-chip linear predictive coding speech synthesizer, developing the prototype of the world's first transistor radio and the invention of the digital light processing device (also known as the DLP chip), which serves as the foundation for the award-winning DLP technology and DLP Cinema (used in IMAX theatres).

TI India was set up in 1985 and has R&D presence for all the major business units of TI including Analog (Data Converters, Amplifiers, Clocks & Synthesizers, Motor Drives, Power Management) and Embedded Processors (Connected Microcontrollers, Radar, ADAS - Advanced Driver Assistance, Infotainment Processors etc.) and caters to products for different market segments - Industrial, automotive, personal Electronics, Communication and Enterprise.

By employing the world's brightest minds, TI creates innovations that shape the future of technology. TI is helping about 100,000 customers transform the future, today. We're committed to building a better future – from the responsible manufacturing of our semiconductors, to caring for our employees, to giving back inside our communities and developing great minds. Put your talent to work with us – change the world, love your job!

Job Details

Designation: Digital Engineer

Type: Core (Technical)

Place of Posting: Bengaluru

Job Details: As a Digital Engineer, you will define, design, model, implement and document Integrated Circuits (ICs). You will also have the opportunity to work in exciting areas like wireless infrastructure, audio, energy automation, electronic point of service, industrial automation, infotainment, ADAS, medical imaging, high speed interface, clocks and synthesizers, automotive, storage, power supply, battery management, linear power, DLP and many more.
Your responsibilities will include:
• Partnering with business teams and systems engineering to develop mutually agreeable design specifications
• Providing high-level analysis on chip architecture trade-offs to ensure spec compliance and superior performance at competitive cost
• Participating in design reviews and creating necessary design and product documentation
• Supervising IC layouts to ensure high performance standards

- Characterizing prototypes, developing test specifications and coordinating with test/product engineering to drive product releases
- Driving behavioral models

Joining By: 4 July 2022

Salary Details

CTC: 2,841,140 INR Per Annum

Gross: 1,618,499 INR Per Annum

CTC Breakup: MTech
Basic: 680000
Customizable: 938400
Provident Fund: 81600
Sign on bonus Year 1 (on joining): 400000
Sign on bonus Year 2 (completion of 12 months): 200000
Profit sharing: 340000
Cost of benefits: 126140
Relocation: 75000

BTech
Basic: 620000
Customizable: 855600
Provident Fund: 74400
Sign on bonus Year 1 (on joining): 300000
Sign on bonus Year 2 (completion of 12 months): 200000
Profit sharing: 310000
Cost of benefits: 121010
Relocation: 75000

Selection Process

Resume Shortlist: No

Written Test: Yes

Online Test: Yes

Group Discussion: No

Medical Test: No

Personal Interview: Yes

No. of Rounds: 2-3

No. of Offers: 4

Minimum CGPA: 7

Eligibility

Recruiting PHDs: No

Eligible Departments: B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), M.Tech in Communications Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Optoelectronics & Optical Communication, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Telecommunication Technology & Management, M.Tech in VLSI Design Tools & Technology, M.S.(R) in Electrical Engineering, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering