Job Notification Form, IIT Delhi

Company Overview

Name:	Mediatek Bangalore Pvt Ltd
Website:	https://www.mediatek.com/
Company Type:	Core (Technical)
Description:	We lead the market in chipset sales for Smartphone, Smart TVs, Voice Assistant Devices (VAD), Android tablets, feature phones, and optical disc products. We build chips that are less about connecting people to their devices and more about connecting your devices to what matters. Connecting to the things that shape our lives, makes us smarter, healthier and improve everyday life.

Job Details

Designation:	Senior RFIC Design Engineer
Type:	Core (Technical)
Place of Posting:	BANGALORE
Job Details:	Job Description:

The candidate will design, supervise layout, help characterize analog and RFIC circuits for Mediatek's Connectivity products (Wi-Fi, Bluetooth)

This is an exciting opportunity to grow with a new team and work on cutting edge circuit designs. You will be collaborating with Singapore and Taiwan teams to develop innovative circuit and system solutions for challenging problems

Responsibilities:

Work on specification definition, architecture feasibility evaluation, circuit design, layout, post-silicon evaluation

Ensure circuit design quality and efficient trouble shooting

Communicate with worldwide Mediatek teams for good collaborative efficiency

Requirements:

Master's or PhD degree in Electrical/Electronics Engineering with strong educational background in Analog and RFIC circuit design

Solid understanding of highly scaled CMOS process and device characteristics, and scaling-related impact to circuit design

Experience in designing any of the following circuits

LNA, Mixer, PA, VCO, PLL, Analog Baseband Filter, TIA

Experience with Cadence IC design tools (SpectreRF, virtuoso schematic capture, layout, layout verification and parasitic extraction), EM Simulators (EMX, HFSS), MATLAB and Scripting (Shell, Python)

Experience using lab equipment such as Signal Generators, Spectrum Analyzers, Oscilloscopes, Multi-Meters (DMMs), etc.,

Strong analytical and debugging skills

Excellent writing and oral communication skills

Joining By:	7 January 2022

Salary Details

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CTC:	2,500,000 INR Per Annum
Gross:	1,610,000 INR Per Annum
CTC Breakup:	Base Pay : 1610000 Veriable Pay : upto 400000
Perks / Bonus:	Sign on bonus : 500000

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	No
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	10
Minimum CGPA:	7

Eligibility

Recruiting PHDs:	Yes
Eligible Departments:	M.Tech in Integrated Electronics & Circuits, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in VLSI Design Tools & Technology, M.S.(R) in Electrical Engineering, M.S.(R) in VLSI Design Tools and Technology