

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Qualcomm

**Website:** [www.qualcomm.com](http://www.qualcomm.com)

**Company Type:** Core (Technical)

**Description:** [www.Qualcomm.com](http://www.Qualcomm.com)

## Job Details

**Designation:** Multimedia Systems Engineer

**Type:** Core (Technical)

**Place of Posting:** Hyderabad

**Job Details:** Qualcomm is the innovation leader in the area of integrated chipsets that power advanced mobile devices. QUALCOMM is the world's leading developer of next generation wireless and multimedia technology. Qualcomm Multimedia Audio System group creates Audio solutions for Qualcomm chipsets that power today's most advanced Mobile devices, Smart Speakers, IoT and Automotive devices. With dedicated hardware, multi-core processors, QCT Audio solutions achieve state of the art Audio quality.

Join Qualcomm India and become part of the growing multimedia systems team that innovates to bring the higher performance on mobile multimedia capabilities at the lowest power consumption and device cost, while providing the strongest feature differentiation. We are seeking Audio System engineer for bringing in Audio solutions to Qualcomm embedded platform. Responsibilities: The job responsibilities may include a subset of the following:

- Designing and Implementing Audio processing algorithms for Mobile/IoT/Automotive devices
- Developing fixed-point implementations and C models for speech/audio processing algorithms (to be ported in DSP/HW)
- Implementing algorithms on the target hardware and perform optimizations to meet requirements
- Development of complete Audio Solutions – Audio algorithm integration to Linux/Android framework and end to end use case validation
- Audio tuning – Tune various Speech/Audio algorithms to achieve high quality Audio
- End-2-end Audio feature development, prototyping, performance validation and commercialization of new audio features/technologies

Individuals who possess skills/experience in one or more of the following are requested to apply:

- Strong background in digital signal processing and data analysis
- Strong background in Audio/Speech/Signal processing
- Strong background in Embedded Systems
- Knowledge of Operating Systems - RTOS, Linux
- Knowledge of processor architecture – ARM, DSP
- Knowledge of Multimedia Frameworks
- Background in machine learning and familiarity with machine learning framework/packages is a plus
- Programming skills in C/C++, MATLAB, Python

## Salary Details

<b>CTC:</b>	6,211,000 INR Per Annum
<b>Gross:</b>	2,160,000 INR Per Annum
<b>CTC Breakup:</b>	<p>M.Tech - 1600000 (Gross) + 75000 (Retirals - PF and Gratuity) + 160000 (Performance bonus) + 960000 (Joining bonus) + 50000 (Reallocation bonus) + 1200000 (\$16000)(RSU- Restricted Stock Value Awards - vesting in 3 years) + 500000 (Retention bonus)</p> <p>PhD - 2160000 (Gross) + 75000 (Retirals - PF and Gratuity) + 216000 (Performance bonus) + 960000 (Joining bonus) + 50000 (Reallocation bonus) + \$30000 (RSU- Restricted Stock Value Awards - vesting in 3 years) + 500000 (Retention bonus)</p>
<b>Perks / Bonus:</b>	<p>Additional Benefits: Relocation Assistance, Insurance, Transportation</p> <p>* Performance bonus component can vary Based on individual &amp; Organisation Performance    **RSU -33% vesting every year</p> <p>\$1=INR 75</p>

## Selection Process

<b>Resume Shortlist:</b>	No
<b>Written Test:</b>	No
<b>Online Test:</b>	Yes
<b>Group Discussion:</b>	No
<b>Medical Test:</b>	No
<b>Personal Interview:</b>	No
<b>No. of Rounds:</b>	Online Test +Technical interview + HR interview
<b>No. of Offers:</b>	3
<b>Minimum CGPA:</b>	7.5 and above

## Eligibility

<b>Recruiting</b>	Yes
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**PHDs:**

**Eligible**

**Departments:**

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 Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Telecommunication Technology & Management, M.S.(R) in Electrical Engineering, M.S.(R) in Telecommunication Technology and Management