Job Notification Form, IIT Delhi

Company Overview

Name:	Noccarc Robotics Private limited
Website:	https://noccarc.com
Company Type:	Other (Engineering)
Description:	What is Noccarc?

Noccarc is a one of the fastest growing Hardware and MedTech startups in India and was cofounded by IIT Kanpur graduates. Noccarc became a leading manufacturer of ICU ventilators in India after developing it in the initial days of Covid-19 spread in 2020 in less than 90 days, and is currently holding 18-20% market share of ICU ventilators in India.

What is our plan and vision?

We are expanding our product portfolio across a range of Medical Devices, and Will be growing our reach to the global market next year starting with SEA and MEA regions. We aim to disrupt the market by bringing technology enabled and industry leading products which change the way medical devices are used and perceived, offering tremendous value to the healthcare staff and at the same time, doing our fair bit to improve the Indian healthcare infrastructure.

Why should you join us?

What makes us different is the way our team takes up challenges and a solution driven, go-getter attitude. We have a result oriented work culture, and have a brilliant young team with people from IITs, IIMs, NITs, and other top colleges, and are currently 130 people strong. With all this, we are already profitable and have seen an exponential growth in revenues in last 2 years.

To strengthen our product Engineering Team, we are looking for passionate hardware design engineers who are looking for challenging opportunities and to work on industry leading products.

To learn more, please visit our website and LinkedIn.

www.noccarc.com www.linkedin.com/company/noccarcrobotics/

Job Details

Designation:	Hardware Engineer
Type:	Other (Engineering)
Place of Posting:	Pune
Job Details:	Job Description - Hardware Engineer II

You will be a part of the hardware engineering team. You will get involved in conceptualizing, designing and developing the electronic control hardware for advanced medical devices. Your role will cover several aspects of E&E hardware,

like circuit design, Power design, high speed design, PCB design, EMC design, simulations, design calculations, testing and certification for particular module/platforms.

Key Responsibilities
• Analog and digital circuit design, mixed signal design
• Designing and implementing power electronics like switch mode DC to DC converters, LDOs, battery chargers, power path selection
• Develop schematics, layout, perform power and signal integrity analysis, simulations, testing and validation reports of sub-modules like BMS, motor drives, valve drives, display interfaces, microprocessors, memories, and communication interface modules.
• Design calculations, worst case calculations, component selection, alternate part selection
• High speed layout for SOMs, MPUs, DDRs, etc.
• Conceptualizing and developing specifications for automation of Jigs & Fixtures required for production planning, developing test plans.

Required Skillset
• Usage of test equipment (Oscilloscopes, Signal Generators, DMMs, etc) is a must.
• Familiarity with a wide variety of hardware design, like power electronics, high speed layout, FPGAs, processors, memory interfaces, motor control, etc.
• Hands on experience with any EDA tool
• Hands on with selection and use of microcontrollers and programmable logic devices and their peripheral circuitry (signal conditioning, board-level power supplies).
• Should have done projects with exposure to building end to end products
• Good documentation and communication skills, ability to adapt to and learn new systems quickly

Joining By: 4 July 2022

Salary Details

CTC: 2,405,000 INR Per Annum

Gross: 1,382,665 INR Per Annum

CTC Breakup: Basic Salary 5,53,066
House Rent Allowance 2,21,226
Transport Allowance
Special Allowance
LTA 55,307
Other Allowance 5,38,066
Medical Allowance 15,000
Gross Salary ₹13,82,665

Variable Components
Gratuity 26,602
Provident Fund 21,600
Variable Component 1
Variable Component 2
Variable Component 3
Performance Based Pay*** 69,133
Relocation ₹75,000
Medical Insurance Premium ₹5,000
Educational allowance 25000
Joining Bonus* 200000
Retention Bonus** 600000
CTC ₹24,05,000
Note-:
Medical Insurance 5 Lakh.

	Joining Bonus*
	Joining Bonus (Payable along with 1st payroll and to be recovered in full subject to resignation within 24months of joining) (INR)
	Retention Bonus** Retention Bonus (Payable in 3 tranche - 1 Lakh post completion of 1 year, 2 Lakhs post completion of 2 years, 3 Lakhs post completion of 3 years) (INR)
	Performance Based Pay*** 10% of Gross Salary
Perks / Bonus:	Medical Insurance 5 Lakh.
	Joining Bonus*
	Joining Bonus (Payable along with 1st payroll and to be recovered in full subject to resignation within 24months of joining) (INR)
	Retention Bonus** Retention Bonus (Payable in 3 tranche - 1 Lakh post completion of 1 year, 2 Lakhs post completion of 2 years, 3 Lakhs post completion of 3 years) (INR)
	Performance Based Pay*** 10% of Gross Salary

Selection Process

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

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, 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