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: Mechanical Design Engineer

Type: Other (Engineering)

Place of Posting: Pune

Job Details: Job Description – Mechanical Design Engineer I
You will be involved in full developmental lifecycle of modules and platforms, from concept to detailed design, prototyping, testing, validation and transfer to production. You will work on several modules which will be a part of complicated electromechanical products for the medical equipment industry.

Key Responsibilities
• Generate concepts based on design requirement, product applications / constraints and detail engineering including 3D models, 2D drawings and BOM preparation
• Material selection, manufacturing process selection and component trials at internal machine shop & externally. Liaison with suppliers for development of samples and pilot lots.
• Perform engineering calculations, structural and thermal simulations on designs to optimize performance, weight and cost
• Making the Design Validation Plan (DVP) along with the validation team and validating each component before releasing of drawings
• Work closely with cross functional teams (Electrical, software and firmware) for system integration
• Contribute to product definition taking into account in weight, layout and structural constraints
• Manage Risk Assessment and Mitigation Plan
• Perform product verification to evaluate the product's overall performance, reliability and safety.
• Alter and modify design to meet requirements and to eliminate malfunctions.
• Systems Engineering awareness on multi discipline teams (HW/FW/GUI/ Mechanical) interfacing for integrated product development with viable technologies
• Interact with cross-functional teams and engineers from other disciplines, to understand various requirements in developing the design, end customer expectations, specification and competitor analysis
• Prepare product reports and documentation
Required Skillset
• Strong fundamental knowledge of machine design, mechanisms, manufacturing processes, GD&T.
• Exposure to mechanical control systems
• Familiarity with various engineering materials (primarily Plastics and Metals) and the manufacturing processes employed in developing products using these materials
• Detailed knowledge of Engineering drawings, standards, Tolerance stack-up analysis, GD&T
• Extensive experience with any 3D mechanical design software such as SolidWorks, Inventor, ProE, etc.
• Strong Mechanical product engineering capability with exposure to VoC to Specification, DFMEA, PFMEA, Risk analysis, DFX (design for Mfg., Assy., service, reliability, usability etc.), reliability etc.
• Should have experience in defining SOPs for the design process, Standard parts selection, BOM preparation
• Experienced with 3D printing, tooling, machining, and prototyping.
• Past work experience in SAE, BAJA and Robocon is a plus

Joining By: 4 July 2022

Salary Details

CTC: 2,205,000 INR Per Annum

Gross: 1,195,615 INR Per Annum

CTC Breakup:

Item	Annual
Basic Salary	4,78,246
House Rent Allowance	1,91,298
Transport Allowance	
Special Allowance	
LTA	47,825
Other Allowance	4,63,246
Medical Allowance	15,000
Gross Salary	₹11,95,615

Variable Components
Gratuity 23,004
Provident Fund 21,600
Variable Component 1
Variable Component 2
Variable Component 3
Performance Based Pay*** 59,781
Relocation ₹75,000
Medical Insurance Premium ₹5,000
Educational allowance 25000
Joining Bonus* 200000
Retention Bonus** 600000
CTC ₹22,05,000
Notes-:
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