

Position	Deputy General Manager (Manufacturing and R&D)
Educational Qualification	Essential: <ul style="list-style-type: none"> • Ph.D/M.E./M.Tech in Electrical or Electronics Engineering
Experience	Minimum 20 years of experience in manufacturing and R&D. Minimum 10 years' experience in R&D product development, design and firmware
Age	Up to 57 years
Salary (CTC PA)	Rs. 20.50 lakhs (Approx)
Reporting to	Managing Director / GM (Manufacturing and R&D)
Engagement Type	The appointment is contractual with a period of 5(Five) years under Direct Payroll with the option of renewal or until attaining the age of 60 years whichever is earlier.
Job Roles and Responsibilities	<ul style="list-style-type: none"> • Product Document Management: Collection and study of product design documents, bill of material, circuit schematics, wiring diagram, component data sheet, work instructions, ATP specifications, test procedure, quality document, version control documentation. • Component sourcing and aging analysis: Keeping track of component sources, Date Code analysis of the components and finding out suitable replacement. • Incoming component quality control, regular inspection of goods, visual and functional (wherever possible), segregation of non-conforming components. • Planning of Assembly Line: Generating a flowchart of the process required for the manufacturing of the product. Review of the process flow and optimization of time and cost parameters. • Design of test bench/test jigs and fixtures for the product to be manufactured. • Generation of test results, troubleshooting and repair of defective/faulty boards. • Execution of Endurance test/Burning test as per product requirement and identifying and recycling of non-conforming products. • System Requirement analysis and identification of functional building blocks. • Identification of Commercial/Industrial/Military grade of a product. • Selection of tentative component list and cost analysis. • Preparing preliminary design and selection of modular/non modular design • Conducting Design validation check through simulation. • Design of circuit schematics with industry standard CAD software: ORCAD/PCAD Altium etc. • Preparation of Bill Of Material(BOM). • PCB design using CAD-STAR, Altium. • Firmware coding in Assembly/C /C++/ Python. • Performing System Engineering details of the product.

	<ul style="list-style-type: none">• Mechanical design and development of mould.• Making of prototype and performing Failure Mode Analysis (FMA) in desired cases.• Conducting Functional and Performance level testing.• Conducting Environmental tests in desired cases.• Design iteration.• Formulation of Acceptance Test Procedure.• Making detail product documentation, test procedure, population instruction.• Revision Control.• Making of User and Maintenance manual.• Maintaining periodic calibration of the test equipment.• Making proposals/ RFP for procurement of new test equipment as and when required.• Conducting Training of the production and marketing staff on the new technology/product developed.• Taking lead in the transfer of technology (TOT).• Serial numbering and logging of product test data.• Operation knowledge of Pick & Place, Screen printer & Reflow oven
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