JOB DESCRIPTION

 **Position Title:** Manager of Research and Development - EV

**Reports To**: Deputy General Manager - R&D

**Department:** R&D

**Minimum Qualification**: Bachelor’s or Master’s degree in Mechanical Engineering, Automotive Engineering, Electrical Engineering, or a related field.

**Minimum Work Experience:** A minimum of 7-10 years of experience in automotive R&D, with a focus on electric vehicles.

**Primary Duties**

* Lead and manage the R&D team focused on the development of electric 3-wheeler autorickshaws.
* Develop and implement R&D strategies that align with company objectives and market needs.
* Foster a culture of innovation, collaboration, and continuous improvement within the team.
* Guide and mentor a team of engineers through the vehicle development stages.
* Provide technical direction and support to ensure successful project completion.
* Encourage professional growth and skill development among team members.
* Oversee all stages of the R&D process, from initial concept through design, prototyping, testing, and production.
* Ensure projects are completed on time, within budget, and meet quality and performance standards.
* Coordinate with cross-functional teams including engineering, manufacturing, and marketing.

**Secondary Duties**

* Guide the team through the ARAI (Automotive Research Association of India) and ICAT (International Centre for Automotive Technology) certification processes.
* Ensure all vehicle designs meet the necessary regulatory and safety standards.
* Successfully complete the certification process for the developed vehicles.
* Identify opportunities for innovation and drive the development of new features and capabilities.
* Stay abreast of the latest trends and advancements in electric vehicle technology.
* Continuously seek ways to improve existing products and processes.

**Skills Required**

* Proven experience in leading and managing R&D teams and projects.
* Strong understanding of electric powertrain systems, vehicle dynamics, and advanced materials.
* Proficiency in CAD software (e.g., CATIA, SolidWorks) and simulation tools.
* Demonstrated ability to manage complex projects and deliver innovative solutions.
* Excellent problem-solving skills and attention to detail.
* Strong leadership and communication skills, with the ability to inspire and motivate a team.
* Knowledge of automotive industry standards and regulatory requirements.
* Experience with the ARAI and ICAT certification processes.

**Location** Kochi/ Thrissur

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