

R&D associate

At LG we make products and services that make lives better, easier and happier through increased functionality and fun. Put simply, we offer the latest innovations to make “Life Good” – from home appliances, consumer electronics, vehicle components and mobile communications to business innovations in digital signage, air conditioning, solar and LED lighting. As a global leader, we strive for greatness in product leadership, market leadership and people leadership to realize our growth strategies.

Talk about a mantra. Life's Good with LG!

We offer an environment that enables colleagues to demonstrate their capabilities, focus on their work and create value. At LG, you're encouraged to take a creative and individual approach to challenges with strong emphasis placed on performance and skill—and equal, merit-based opportunities across the board. We want our colleagues to grow with our global business. That's why we deliver sure rewards for exceptional performance and offer industry-leading benefits. Come join the team!

We are currently seeking an R&D Associate (Washing Machines) to join our Home Appliance Manufacturing team in Clarksville, TN.

The R & D Associate needs expertise in the development and manufacturing of Home Appliances to provide better value to its customers, and must be able to conduct research and development based on analytical thinking and market understanding. In addition, various projects are being carried out in R & D, so management ability is also required. The R & D Associate should be able to share technical advice and advise the project team members to assist in identifying, reviewing and resolving problems from a customer perspective and to understand the flow of production, manufacturing and sales of the developed parts or products. And to make predictions and preventive design of the problems that occur at each stage.

Responsibilities:

- Coaching and support to ensure design and performance from the customer's perspective
- Effective deployment and management of resources needed to achieve project goals
- Problems occurring from production and customer perspectives are resolved through active mind and statistical analysis
- Continuous communication and collaboration with internal staff or teams for successful projects
- Determine product goals and plan/manage resources accordingly to meet deadlines
- Design and develop products from concept through design, qualification, and production
- Use CAD models, 3-D Surface Models, and physical prototypes to show design intent and feasibility of concepts
- Formulate and adhere to standards and procedures for Product Development

Qualifications:

- Bachelor's in either Mechanical / Electronics / Electrical engineering required
- In-depth knowledge of Solidworks 3D / 2D CAD software
- Exposure to a variety of manufacturing processes and designing for manufacturability
- Knowledge of dimensional and tolerance standards and experience in performing tolerance analysis of complex assemblies
- bilingual (Korean / English) required

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