

JD - Mechanical

Domains: (Product design group, Tool Room, Jig shop, Electrical product development, Automation division, electromechanical, special/independent projects)

Projects Execution comprising of the following:

1. Feasibility & preliminary project evaluations
2. Cross functional interactions for SCOPE building
3. Design project planning, execution and control
4. (CAD/CAM/SIMULATION/ANALYSIS): Design and develop (mechanical/electrical/electromechanical etc) using Model Based Design Techniques and related simulation methods.
5. Design Documentation & Knowledge Management
6. Value engineering
7. Prototyping, Validation and Verification as per complying standards applicable.
8. Technical sourcing & negotiations for project costing & Estimation
9. DFMEA/FMEA for production engineering and quality control techniques with related tools
10. DFM, Lean manufacturing, six sigma concept applications
11. Automation: Design systems for capacity enhancement or automation