

# A Balaji

**B.E in Mechanical Engineering with experience in Product development & Testing**

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## EXPERIENCE

**Amalgamations Valeo Clutch Pvt Ltd, Oragadam —  
Senior Engineer/ R&D(Test & Validation)- July 2016 - Present**

### Roles :

Performs tests, define & apply standards, Risk assessment, Test requests Managements in TMT, Failure analysis, problem solving, Maintenance of Test rigs & Test lab efficiency

### Responsibilities:

Conduct Tests in accordance to DVP, test requests, preparation of Test reports, New tests & strategy deployment, Risk assessment of design change & DVP preparation, performs Design & product validations on time, Root cause analysis of failures during Tests, Maintenance of Test rigs, design of jigs & fixtures for Tests, management of spares & external Test facilities, support P-30 & plant support activities

**Amalgamations Valeo Clutch Pvt Ltd, Oragadam —  
Graduate Engineer Trainee /Projects-October 2014 - July 2016**

### Roles & Responsibilities:

Performs product development activities & documentation in coordination with PTM's, Conducts trials for DP, PP, MPP sample Builds & DOE for any customer complaints, Performs layout inspections & support to prepare PPAP documentations, Project material inventory & store management.

Projects Handled: 2 projects from Maruti Suzuki, 1 from Mahindra & 1 from Tata Motors.

## AWARDS & ACHIEVEMENTS

- + Appreciation from management towards Smooth launch of projects
- + Got Appreciation and confirmation order for my tedious efforts in solving customer complaints in Maruti Suzuki Baleno project & Swift Warranty issue
- + Successfully localized Two new Tests (F10 & F19), thus reducing R&D expenditure towards other site testing to nearly 50 %.
- + Got recognized as a potential team member & sent to Valeo France for Special training on validations of New technology (DMF) & New machine installation (RENK)
- + Teexma TMT Admin for Chennai site. Trained 10+ colleagues in newly deployed TMT tool
- + Successful & ontime installation of three Test rigs (Burst, Torsional, Dynamic Test rig) & KBK type Single Girder EOT Crane in test lab.

## EDUCATION

B.E Mech - Hindusthan College of engg & tech, coimbatore-83%  
SSLC & Higher secondary - SBM Matriculation school, Melur, Madurai-90%

## SKILLS

- + Practical involvement of project milestones
- + Risk assessments
- + Test developments
- + DVP
- + Design of jigs & fixtures
- + Logical thinking and problem solving
- + Team player
- + Good listener
- + Quick learner

## PERSONAL DETAILS

Father Name : P . Aswathaman

Date of Birth : 15 Feb 1993

Marital status : Unmarried

Nationality : Indian

Languages : English & Tamil

## REFERENCES

1. Jayakumar. R -  
Deputy Manager, Valeo,  
Chennai (09500062859)
2. Ramesh Thangaraj -  
Senior software  
engineer, TCS, Chennai  
(09600054757)