BALAMURUGAN R

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• **Balamuruganmech60@gmail.com**

CAREER OBEJECTIVE

To obtain a challenging position in an industry where I can utilize and build up on my knowledge of testing & development of product and analyzing the data for the best outcome.

PROFESSIONAL EXPERIENCE

Testing Engineer, 03/2018 to Current(3 years 6months experience)
Company – DELPHI TVS TEHNOLOGIES PVT LTD, Chennai

- Experienced in Validation and **durability testing** of diesel fuel injection common rail technology system.
- Validating fuel filters, injection pumps, injectors used for FIE systems in diesel engine.
- Having sound knowledge about the **Design and Process Validation Protocol derivation** and test plan for the projects.
- Focused work on time plan preparation upon the product which is to be tested.
- Conducting stringent test for improving the product reliability and simulation of field issue in the rig.
- Experienced in product testing at **Climatic chambers**, **Vibration shaker** and fatigue machines
- **Sound knowledge on Engine Fuel System**
- Exposure towards **ISO test standards** used for validations
- Having Sound Knowledge of working in VISU Software
- Preparation of Risk analysis, along with product development team.
- Documentation of FMEA, Process flow, Test request (internal customer), and PPAP, SOP and Quality inspection certificate before validation
- Conduct **benchmarking study** of diesel FIE by conducting performance evaluation for new product development.
- Strip down analysis after completion of validation for provide the reliability of product.

Education

- B.E Mechanical (2013-2017)   -64.5% KRamakrishnan college of engineering,Trichy.
- DIPLOMA(Automobile 2012) -89.0%Sudharshana polytechnic college,Trichy.
- HSC (2009-2010)   - 48.25% Nehru Higher Secondary School,Puthanampatti.
- SSLC (2007-2008)   - 71.04% Nehru Higher Secondary School,Puthanampatti.

Software Skills   Languages

- Microsoft Office   English
- Creo Parametric, Autodesk AutoCAD   Tamil
- VISU Software