

NATCHATHIRAM. L

Mechanical Co- Instructor

62 Thandiyal Chavadi Street, | Tirunelveli – 627 006, Tamil Nadu | Mobile : 9585325695 | Email ID: Staryohan93@gmail.com

SUMMARY :-

Quality focused design engineer with proven skill in designing and producing innovative products and firmware to solve critical design problems. Detailed knowledge of CAD Designing & Mathematical modelling, with emphasis in mechanical design. Effective communication and relationship building, work well in team-driven and independent setting.

AREA OF EXPERTISE :-

- Mathematical modelling
- Design concepts
- Basic Stress Analysis
- Modifying designs and re-testing
- Failure analysis
- CAD/CAE software

WORKING EXPERIENCE :-

Design Engineer
Trimetric Solutions, Tirunelveli.

May 2015 – Present

Responsible for designing and new product development. Perform calculation and 3D modelling for innovative products that promote maximum efficiency while requiring minimal maintenance. Produce detailed drawings and outline design for manufacturing process.

Presently making Mathematical Modelling & FEA modelling for Backhoe & loaders.

Tech support
Graywire Technologies, Chennai.

May 2014 – April 2015

Responsible for providing technical advice and design calculation including Second Momenta of Inertia, managed Bill of Material Generation and to ensure the product meets or exceeds specifications.

CREDENTIALS :-

B.E in Mechanical Engineering (2011-2014)

Francis Xavier Engineering College, Tirunelveli.

DIPLOMA in Mechanical Engineering (2008-2011)

Sankar Polythenic College, Sankar Nagar.

SOFTWARE EXPERTISE :-

- AUTO CAD 2015
- CREO 2.0
- SOLID WORKS 2015
- PRIMAVERA 9.1
- GD & T (Basic)