

GOURAMMA

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Seeking an opportunity where I can enhance my experience and skills to help in the progress of the organization.

ORGANIZATIONAL EXPERIENCE:

1. Organization - CANTER CADD (Nov 2017 - April 2018)

Designation - Faculty (Mechanical)

Job Responsibilities: Providing students basic knowledge about the courses and taking classes on theory as well as practical. Assisting students with the learning process and applying the knowledge.

2. Organization - Prime Focus Technologies, Bengaluru. (Mar 2015 - Dec 2016)

Designation - Media Associate and Quality check

Job Responsibilities: Provide domain and application specific knowledge about the channels to the team members. Handle quality of channels to the clients and team management. We do check the content regulation of the channel.

3. Organization – NAL: National Aerospace Laboratories (Jan 2014 - Jan 2015)

Designation: Project Graduate Trainee at Advanced Composite Division (ACD)

Job Responsibilities: FE Model Building according to Analysis and as per requirements, Debug the FE model, Analysis and generate the reports.

FE Modeling:

- Shell meshing of different aero structural components.
- 2-D Shell meshing of fuel cutout box (**SARAS** wing parts).

Model Building:

- Builds the models or assembly for analysis (Modal, Linear Static and Buckling Analysis) with proper material properties, boundary conditions, different contacts and control cards.

Analysis:

Static Analysis: Using Nastran and Static Analysis of different aero structural components etc.

Modal Analysis: Using Nastran and Optistruct Analysis of different aero structural components.

Works on Classical Laminate Plate Theory (CLPT), Abaqus and MS-Excel –

- A common excel code is generated to solve the CLPT
- With excel code we validate the numerical results we get.
- Run the FE model for linear static analysis.
- Theoretical calculation on Classical Laminate Plate Theory
- Validation of FEA results with Analytical results.
- Result extraction and documentation.

Projects Handled:

- Shell mesh for fuel cutout box (Fuel tank) with various cutouts.
- Comparison of peel load around cutouts for different cases.
- Linear static analysis of various components to find the load transfer and structural behavior.

SOFTWARE SKILLS:

- Hypermesh - V11.0 &12.0
- Solvers - Nastran & Optistruct
- Abaqus & MS-Excel
- Postprocessor - Hyperview Basic
- AutoCAD, UG NX, Solid Works, Pro-E

EDUCATIONAL QUALIFICATION:

- 2013 – BE in Mechanical Engineering from VTU Belgaum, with First class 61.77%
- 2009 – X-II (PUC) Karnataka State Board with 54.17%
- 2006 – X (SSLC) from KSEE Board, Bangalore in the year 2006 with 79.04%

ACADEMIC PROJECTS:

B.E. PROJECT: - AUTOMATIC COUNTING & MATERIAL HANDLING.

This is a conveyor system in which a common piece of mechanical handling equipment that moves the material from one place to another place with help of belt.

PERSONAL PROFILE:

Full Name	: Gouramma
Date of Birth	: 08-MAR-1990
Present Address	: W/o Ambresh V, #124 Ground Floor, 1st Main, 5th Cross, Nisarga Layout, Doddanakundhi, Bengaluru - 560037
Languages known	: English, Hindi, Kannada, Marathi and Telugu.
Marital Status	: Married
Gender	: Female

Place: Bangalore

Date:

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