

Annapareddy Kartheek

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profile

Seeking a responsible career position which utilize my Technical Skills and knowledge and gives an opportunity to enhance my career prospect which contribute to the growth of the company and move towards professional succes in life.

Education

B-Tech

2020 - 2024

Seshadri Rao Gudlavalleru Engineering College /JNTUK

Mechanical Engineering

(CGPA : 8.32)

Intermediate

2018 - 2020

Narayana Junior College

MPC

(CGPA : 9.2)

Secondary Education

2017 : 2018

Sri Chaitanya Techno School

SSC

(CGPA : 9.5)

SKILLS

FRONTEND --- HTML, CSS, JAVASCRIPT, REACT JS.

BACKEND --- NODE JS, EXPRESS JS.

DATABASE --- MONGO DB, SQL

Projects

VIBRATION BASED DAMAGE DETECTION IN STRUCTRAL PLATES USING WAVELET TRANSFORMS:


This Project is on a comprehensive vibration based damage detection techniques for Plate like structures utilizing to different approaches. The structural integrity of engineering components, particularly those with geometries such as plate like structures crucial for ensuring operational safety and reliability. The proposed methodology integrates finite element modelling with modal analysis to assess the vibrational behaviour of Plate Structures. By analysing the changes in natural frequencies, mode shapes, and frequency response functions, potential damage locations and quantifications can be identified accurately. Furthermore, the study explores various damage scenarios such as open surface crack, square and triangle shape damages, to evaluate the effectiveness of proposed methods in damage detections. This contributes to advancing the understanding of damage detection methodologies and provides valuable insights for improving the integrity and lifespan of critical infrastructure components.

Internships


ArtificialIntelligence

I am certified in internship on Artificial Intelligence conducted by Kaashiv Infotech a IOT company

Non-Destructive Testing

I am certified in Non Destructive Testing(NDT) with level-2 certification by Vidal International Pvt.ltd 

Data Analytics with Tableau

I am certified in Long-Term Internship of 240 hours (6 months) on Data Analytics with Tableau Organized by Smartbridge Educational Services Pvt.ltd  in Collaboration with Andhra Pradesh State Council of Higher Education

Applied Robot Control

I am certified in ARC EMERGING TECHNOLOGIES .Which is the duration of 3 months.which helped me in attaining knowledge on the Machine Learning.

Declaration

I do here by declare that all the Information given above is true and the best of my Knowledge and Belief

Annapareddy Kartheek