

RESUME

AKULA KALYANA GOWTHAMI

D.No. 10-40-20

Behind Balaji Arcade

Ram Nagar

Visakhapatnam.

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OBJECTIVE

Enthusiastic to serve the organization with the knowledge acquired and confront the difficulties that change day to day to bring out a better solution which is optimized and to give better performance.

MYSELF

I would like a career that utilizes my technical skills as well as my leadership qualities that continuously challenges my abilities and treat me as an asset to the organization.

EDUCATIONAL QUALIFICATION

Course	Specialization	University /Board	Year of passing	Percentage of Marks/CGPA
M.Tech.	Computer Aided Analysis and Design	JNTUK - GVP College of Engineering (A)	2018	8.6
B.E.	Mechanical Engineering	Andhra University College of Engineering for Women	2015	7.33
Intermediate	Maths, Physics & Chemistry	Narayana Junior College	2011	94.6
SSC		Mrs. Annamma Secondary School	2009	85

INDUSTRIAL TRAINING EXPERIENCE

- Industrial Training at Rastriya Ispat Nigam Limited in Thermal Power Plant.
- Industrial Training at Hindustan Shipyard Limited in the area of Hull Construction.

PROFESSIONAL STRENGTH

- Effective interpersonal relationship and communication skills.
- Demonstrated ability to manage multiple tasks.
- Ability to face problems and efficient in executing the work plans.

- Excellent problem solving and troubleshooting skills.
- Decisive and Positive Thinking
- Ability to organize work and deal tactfully with people of all kind

PROJECT

- **B.E. Project : DESIGN AND OPTIMIZATION OF A HYDRAULIC PRESS**

Designed and optimized a 30 ton hydraulic forming press using ANSYS software. The buckling analysis is done for major components of the press and critical load is calculated. Based on the critical load obtained the weight optimization of the press is done by changing the geometry of some components of the press.

- **M.Tech Project : DESIGN AND HYDRO-ELASTIC ANALYSIS OF A FOUR BLADE MARINE PROPELLER**

Design of a four blade propeller with isotropic material NAB alloy and composite materials like Carbon fiber reinforced plastic and Glass fiber reinforced plastic to analyze stress, strain and deformation using ANSYS 18 software. Structural analysis and modal analysis are performed on these materials. The solid model of a marine propeller is developed using software HYDROCOMP PROPCAD. Hydrodynamic characteristics of a four blade propeller are analyzed.

COMPUTER SKILLS

Operating Systems : Windows

Softwares known : ANSYS 18, HYDROCOMP PROPCAD, AutoCAD & CATIA.

ACHIEVEMENTS

- Awarded with C - certificate in National Cadet Corps.
- Participated in **ADVANCED IC ENGINE** workshop conducted by IIT MUMBAI.
- Participated in a seminar on “Present trends in welding technology for applications in power, petro-chemical and heavy industries” conducted by **INDIAN INSTITUTE OF WELDING**.
- Actively involved as coordinator for I-GENESIS workshop.
- Certificate course in MS Office, C Programming.
- Won many gold and silver medals in academics during school level.

PERSONAL PROFILE

Father Name : AKULA RADHA KRISHNA
Date of Birth : 14 October 1993
Marital Status : Married
Nationality : Indian
Languages Known : English, Hindi and Telugu

REFERENCES

- 1. Prof. A. Rama Krishna**
Director
School of Engineering
Gayatri Vidya Parishad College for Degree and P.G. Courses(A)
Rushikonda, Visakhapatnam
Email: ramakrishnaaivasarala@gmail.com
Phone no: 9440641164
- 2. Prof. B.V. Ramana Murty**
Dean - Academics
GVP College of Engineering (A)
Madhurawada, Visakhapatnam
Email: srisai66@yahoo.co.uk
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- 3. Prof. I.H. Naga Raja Rao**
Former Professor of Mathematics – Andhra University
Member – Lakshmikantam Institute for Advanced Studies
GVP College of Engineering (A)
Madhurawada, Visakhapatnam
Phone No: 9010856727

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Place : Visakhapatnam

Date : 01-08-2018

(A. KALYANA GOWTHAMI)