

GOURAV MITHARE

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OBJECTIVE

To secure a job in a company where I can utilize my full potential, technical knowledge with opportunity for growth and advancement, and prove to be a valuable asset to the organization.

EDUCATION

- M. tech Aerospace Propulsion Technology
VTU PG Centre,
VIAT, Chikkaballapur
Anticipated completion - 2016
- B.E Mechanical Engineering, 63.6%
Year of Passing - 2013
R.V College of Engineering, Bangalore
VTU, Belgaum
- 12th , Science, 54.8%
Year of Passing - 2009
GovindramSeksaria Science PU College, Belgaum
Karnataka PUE Board, Bangalore
- 10th , 78.4%
Year of Passing - 2007
St. Mary's High School, Belgaum
KSEEB, Bangalore

ACADEMIC PROJECTS

- **“3-Dimensional analysis of chevron notched bar specimen by using computational fracture mechanics”**
 - Designed the chevron notched specimen of crack length to width ratios (a/w) ranging from 0.3 to 0.7, in ANSYS.
 - Simulated the loading process in ANSYS, and evaluated the stress intensity factor for the chevron notched specimen of different a/w ratios.
 - Plotted graphs and compared the results with experimental solutions from the literature.
- **“Design and fabrication of energy generator from speed breakers”**
 - The mechanism consists of a vertical piston spring arrangement, which impinges pressurized fluid on the prime mover, and this

rotates the shaft connected to the motor to generate electrical energy.

- The assembly was designed on Solid Works and later fabricated using select materials.
- Tests were conducted to measure the rpm of the shaft and the voltage generated. By determining the input mechanical energy and the output electrical energy, the efficiency was calculated.

TECHNICAL SKILLS

- Programming language : Basics of C
- Design tools : Solid Edge, UGS NX, Solid Works, ANSYS, FANUC(CNC)
- Other software : MS Office

PERSONAL SKILLS

- Quick learner
- Adaptability
- Ability to work in a Team
- Ability to communicate effectively

CO-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Organized gaming Events for 'Vortex', a techno-cultural department fest.
- Volunteered in '8th MILE', a techno-cultural college fest.
- Former member of Rotaract Club of RVCE.
- Won gold medal in snap shooting in NCC TSC held at Delhi in the year 2005.

PERSONAL DETAILS

- Date of Birth : 24/05/1991
- Gender : Male
- Languages known : English, Hindi, Marathi
- Hobbies : Playing table tennis, Swimming, Listening music, Gardening