**GOURAV MITHARE**

Plot No.167, Hind Co-Op Housing Society, Hindwadi, Belgaum-590 011, India

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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