

VINAY T.D

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Career Objective:

To work in the learning and challenging environment, utilizing my skills and knowledge to the best of my abilities and contribute positively to my personal growth as well as growth of organization.

Educational Qualification:

COURSE	INSTITUTION	BOARD/UNIVERSITY	AGGREGATE	YEAR OF PASSING
B.E (Mechanical Engineering)	Reva Institute of Technology and Management, Bangalore.	Visvesvaraya Technological University	71.25%	2015
PRE-UNIVERSITY	KLE'S Independent PU College	Pre-University Board of Education, Bangalore	61.5%	2011
SSLC	SSB English High School	Karnataka Secondary Education Examination Board	78.08%	2009

Technical Skills:

- CAD Tools : AutoCAD, Solid edge, CATIA V5, SOLIDWORKS, UNIGRAPHICS NX 9.
- CAE Tool : ANSYS
- Others : MS Office

Internships:

- Completed internship training under “**Engine Reconditioning**” at KSRTC Regional Workshop, Bangalore.
- Completed internship training at **Hindustan Aeronautics Limited (HAL)-Engine Division**, Bangalore.

Technical Courses and Certifications:

Pursuing “**Machine tool design- Mechanical**” an 8 weeks training programme at “Indian Machine Tool Manufacturers’ Association” (IMTMA) Design Institute from 01 August to 27 September 2016.

Machine tool design a comprehensive programme structured from engineering basics to a complete machine design on par with industry standards.

The topics being:

- Drafting standards and hands on practice on drafting of manufacturing drawing
- Limits, Fits, Tolerances and GD&T
- Design of machine elements
- Engineering materials and heat treatment
- Cutting tools and metal cutting theory
- 3D modelling, assembly modelling and 2D drawings on SOLIDWORKS software

Design of **CNC 2 axes Turning Center**, a project carried out right from concept to final machine design.

- Design of CNC lathe right from customer input, machine concept and specification
- Preliminary design calculations for cutting forces and power requirement, Spindle design, Axes design and Structural design.
- Calculations on bearing life, spindle stiffness, V-belt & pulley, selection of antifriction bearings, selection and calculation on ball screw & LM guide ways, casting design is being discussed in depth with hands on practice.
- In addition, over view of machine hydraulics & pneumatics of machine tools is added to enhance the knowledge on machine tool design.

Paper Presentation and Achievements:

- Presented a Technical Paper on “**Air Conditioning by Using Waste Heat of the Engine**” during Acharya Habba’15 at AIT and secured first place.

Academic Project:

Design and Analysis of Tack Welding Fixtures for the Parts of Compactor

The Project Work involves designing of Tack Welding Fixtures, locating fixtures & templates for manufacturing of sub-assemblies of compactor parts. By making use of these fixtures, it eliminates individual marking, positioning and frequent checking before machining operation starts, thereby resulting in considerable saving in set-up time & also increases the productivity.

Software’s used: - AutoCAD, CATIA V5 R20 & ANSYS.

The project was carried out at **L&T Construction Equipment Limited, Bangalore**

Strengths:

- Hard working, Honesty, sincerity and positive thinking.
- Quick learner & adapting easily to any environment.

Hobbies & Activities:

- Playing Cricket, Playing Badminton, Listening music.
- Actively participated in various sports and cultural activities held at School and College Level.

Personal Details:

- Father's Name : Mr. DAYANANDA T D
- Mother's Name : Mrs. JAYALAKSHMI M G
- Date of Birth : 12 May 1994
- Gender : Male
- Language's known : English, Kannada, Telugu and Hindi.
- Address : C/O Kamalamma Ramachandra, #1, Ground Floor,
Dr.Raj Road, Chikkabommasandra, Yelahanka New Town,
Bangalore-560065.

Declaration:

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

Place : Bangalore
Date : 20/08/2016

(VINAY T.D)