

ANNAPURNA B HOSALLI
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OBJECTIVE

To give my best to the organization by contributing towards organization growth through a long-term commitment and also ensuring personal growth within organization.

WORK EXPERIENCE

DESIGN ENGINEER

19th January 2023 - Current at Target Innovations, Zuari Industries – Goa.

Key Roles & Responsibilities:

- Designed detailed General Arrangement & Assembly drawings of Micro scan Metal Detector Machines, Check weighers Machines, Tablet metal detectors Machines, Tablet inspection Belt Machines using Auto Cad Software both 2D & 3D.
- Interpreted drawings markups & implemented drawing revisions as per the customer requirements.
- Understand and apply GD&T to drawing as required by technical specifications requirements.
- Responsible for planning and implementing all internal design reviews, external customer design reviews and handover to manufacturing.
- Preparing Fabrication/Structural Drawings of Machines.
- Releasing work orders & executing the work order on priority and processing the same in the production.
- Guiding the fabricators for assembling the conveyor structures as per the drawings.
- Collaborate with manufacturing and operations to align engineering with assembly and machining capabilities.
- Follow up with raw material arrival & availability in stock.
- Inspecting the welding, grinding & buffing process up to the mark of QC.
- Preparing BOQ & maintaining documents of all work orders
- Preparing final General Arrangements drawings & BOQ for Customers Manual while dispatching of machines

CAD ENGINEER

01 January 2021 – 31st April 2022(1year 4 months) at Vakulab Technologies,
JC industrial area, Yelachanhalli- Bangalore.

Key Roles & Responsibilities:

- Utilize CAD software (AutoCAD) to create 2D and 3D models and technical drawings according to industry standards and company guidelines.
- Designed mechanical enclosures for Li-Ion batteries, ensuring robust protection, thermal regulation, and compatibility with electrical components.

- Skilled in the mechanical design of enclosures for Uninterruptible Power Supplies (UPS) to house electrical components, optimize airflow, and facilitate maintenance. Knowledge of structural integrity and material selection.
- Proficient in using CAD (Computer-Aided Design) software, such as AutoCAD Solid Works (basics), for creating detailed mechanical designs, 3D modeling, and generating technical drawings.
- Prepared technical documentation, including Bill of Materials(BOM), assembly instructions, and design reports.
- Proficient in designing effective heat sink solutions for Battery Management Systems (BMS) to dissipate heat & ensure safe operation of electronic components.
- Collaborated with manufacturing and production team to address related queries and resolved issues during the manufacturing process.

ASSISTANT PROFESSOR

16th July 2018 to 31st December 2018(6months), at PCCE in Mechanical Engineering Department Verna –Goa.

ASSISTANT PROFESSOR

25th July 2017 to 30th June 2018(1 year), at GEC in Mechanical Engineering Department Farmagudi – Ponda-Goa.

ASSISTANT PROFESSOR

22nd June 2015 till 28th June 2017(2years), at PCCE in Mechanical Engineering Department Verna –Goa.

Having total Experience of 5.8 years [Teaching(3.6years) + Industry(2.2years)]

Key Roles & Responsibilities:

- Conducting lectures and preparing the material for graduate and undergraduate students.
- Participate in student recruitment, registration, and placement activities.
- Collaborate with colleagues to address teaching issues.
- Participating in campus and community events.
- Guiding & helping students with completion of various Projects.
- Initiate, facilitate, and moderate classroom discussions.
- Planning, evaluating and revise curricula, course content, and course materials and methods of instruction.
- Providing a guidance to the students for developing their career as well as making them familiar with different career opportunities.
- Preparing teaching material and utilizing it for the progress of students.
- Analysing the material for the students and providing them guidance on various aspects of the subjects.
- Utilizing the skills and qualities by assigning work to the students.

INTERNSHIP

Interned **2 months** in **Bosch Packaging Division, Verna-Goa**. The training involved visiting and learning about various stages & processes of the packaging machines present within the plant and even gained the knowledge of the **computer software SAP**.

SKILLS

- Good at Auto Cad Designing & Drafting
- Good verbal and effective communication skills
- Ansys and AutoCAD Software skills.
- Hardworking, leadership qualities, Accuracy, self-motivated and multi-tasking person with attention to details.
- Have good Problem-solving attitude, Research & data analysis skill.
- Strong team collaboration, work closely with team members to achieve goals.
- Solid command of technologies, tools and best practice on lathe machines, workshops, Mechanical test fixtures.
- Application of Internet of things (IOT) to pioneer new Mechanical Products.
- Strong knowledge on Metal cutting operations, Sheet metal works.
- Skilled in planning organizing coordinating projects.
- Ability to manage multiple requirements and projects.
- Basics SAP software and BOM.

CERTIFICATIONS (Courses Completed)

- **Diploma In Auto Cad (Classroom):** 2D, 3D Design & Drafting
- **ANSYS Workbench (online):** Introduction with applications
- **AutoCAD (online):** The complete AutoCAD 2018-21 Course
- **SOLIDWORKS (Online) :** Beginners course

PROJECTS

M. Tech.: Study of influence of T6 heat treatment on microstructure and wear behaviour of as cast Al-30Mg2Si-4Fe alloy at elevated temperature.

B.E: Studies on the influence of grain refining and modification on mechanical properties of as cast, cast aged and forge aged A356 alloy using FEA- A Comparative Study.

ACADEMIC DETAILS

Qualification	Institute/University/Board	Division	Percentage
MTech (Production Management)	Gogte Institute of Technology (GIT) Udyambagh (VTU, Belagavi)	First class with distinction	<u>80.58% (Sept 2015)</u>
B.E (I & P Engg.) equivalent to B.E. (Mechanical)	Basaveshwar Engineering College (Autonomous) Bagalkot. (VTU, Belagavi)	First class with distinction	79.80% (June 2013)
PUC	Goa Board	First class	60% (April 2009)
S.S.L.C	Goa Board	First class	68% (April 2007)

TECHNICAL CONTRIBUTION

- **One-week** Short Term Training Program (STTP) on “**Innovations on Digital Manufacturing**”, from **1st to 6th January 2019** at **KLE Belagavi** organized by Department of Mechanical Engineering KLE Belagavi.
- **One-day** workshop on “**Productivity Enhancement: Issues and Challenges**” held on **27th January 2017** at **GEC, Farmagudi-Goa**, organized by IEEE Goa Chapter in association with Department of Mechanical Engineering **GEC, Farmagudi-Goa**
- **Presented a Paper** at National Level Symposium on “**Material Characterizations and Manufacturing**” organized by Department of Mechanical Engineering of PCCE - Verna and Department of Physics, at **Goa University** held on **18th and 19th of August 2016**.
- **Presented and published** a paper in International Conference on Technological in Materials and Manufacturing for Industrial Environment (**TAMMIE- 2016**), titled “**A Comparative study on Wear behavior of as cast and T6 heat treated Al-30Mg2Si-4Fe alloy at elevated Temperature**” at KPR Institute of Engineering and Technology, Arasur **Coimbatore**, held on **4th and 5th March 2016**.
- **Presented and published** a paper in 6th International Conference on progress in Production and Mechanical and Automobile Engineering (**ICPMAE-2015**), entitled “**Dry Sliding Wear behavioural of as cast Al-30Mg2Si-4Fe alloy**”, at Technical Research Organization India held at **Pune** on **31st May 2015**
- **Presented paper** in the international conference on Advances in Mechanical Engineering (**ICWAME-2015**), titled “**Studies on Microstructure and Mechanical properties of cast aged and forge aged A356 alloy with minor addition of grains refiner and /or modifier**”, at Thakur College of Engineering and Technology, **Mumbai** held during **27th and 28th February 2015**. (The paper is published in international journal of Applied Information System ISSN 2249 0868)
- **Presented paper** in the International Conference on Material Manufacturing Management and thermal titled “**Studies on the influence of grain refining and modification on mechanical properties of as cast, cast aged and forge aged A356 alloy - A comparative study**”, at Siddaganga Institute of Technology, **Tumkuru**, 3rd

and 4th May 2013

- **Organizing coordinator** for paper presentation for Technical Fes held during 2011-2012 at BEC- Bagalkot.

ACHIEVEMENTS

- Achieved **Gold Medal** for being first ranker in **MTech** from **VTU Belgavi-2016**
- Achieved **1st Rank** in **MTech** in Production Management at **GIT Belgaum** during 2013-2015
- Achieved **1st topper** position in **5th and 7th** semester of **B.E at BEC Bagalkot.**
- Achieved **2nd** place in College Level Group debate competition during 2011-2012
- **2nd** position in college level chess competition 2011-2012
- Achieved All India rank of **319** and state level rank **3rd** out of 145 participants in Science aptitude test organized by EDU HAL foundation of Goa during **22nd November 2007- 2008**
- Also achieved **15th rank** in **2nd** Nationwide Interactive Mathematical Olympiad conducted by same organization
- Achieved **1st** place in Taluka level football, **2002**
- Achieved **2nd** place in state level football directorate sport **2003-2004**

EXTRA CURRICULAR ACTIVITIES

- State level sports player in football in school during the year **2001 to 2004**
- Team member in Volleyball in PUC / XI and XII std during **2009 to 2011**
- Main coordinator for Tech fest and cultural fest and sports meet at college level
- Actively participated in Global cancer concern India for creating awareness and
- Actively participated in Narayandas Chala foundation

PERSONAL PROFILE

Name : Annapurna B Hosalli
Date of Birth : 17 February 1992
Languages known : Hindi, English, Kannada, Konkani and Marathi
Nationality : Indian
Hobbies/Interest : Reading Books, Football, Badminton, Chess and Volleyball.

Declaration

I hereby declare that the information given above is correct to the best of my knowledge.

Date:

Place: Bengaluru

Yours Sincerely