

# MUTTU T C

BE in Mechanical engineering, Mysore, India

To continuously enhance my knowledge, skills, experience and continue my career with an organization that will utilize my professional skills, offer tasks and an opportunity to benefit mutual growth. Total 4.7 years experiences in design department.

## Work History

2022-12

- Present

**Company Profile:** Panasonic life Solution India Pvt Ltd . Bangalore is a R and D center in a south region. Leading firm engaged in engineering services in EV charger design and development, Sheet metal, Electro mechanical product design and development,

**Pay Roll Company:** Atmecs technologies pvt ltd.

**Designation:** Design & Development Engineer in R&D Department.

### Job Profile:

- Design & development of projects by carrying out the detail study as per clients requirements.
- Making Tear down reports, Bench marking reports for competitors
- Making test reports,
- Knowledge on DFM,DFA, DFMEA
- Collaboration with Japanese engineers.
- Doing EV charger assemblies in lab area.
- Making **2D & 3D drawings, 3D modelling, sheet metal , assembling, detailing and drafting** of all make part using AutoCAD, SolidWorks UGNX with technical specifications (**GD & T**).
- Surface modeling , plastic product design
- Knowledge on **Solid works PDM** and **Team center**
- Make Bill of Material (**BOM**) & Bill of quantity (**BOQ**) of all design parts.
- Provide appropriate information & documentation for quality, purchasing, production, marketing & vender development team.
- Handling special projects of value engineering & reverse engineering.
- Knowledge on **electromechanical devices** and **semiconductor devices**.

### Project handled:

#### Industrial Projects:

- Design and Development of Type2 7.4kw EV charger.
- Design and Development of Type2 22kw EV charger.

**Software:** DS SOLIDWORKS 2016, AutoCAD 2016. UGNX

**Company Profile:** RP AUTOMATION, Mysore

- Mechanical design engineer

### Projects and Responsibilities

- Responsible for research on product and assembly function and customer/ client constraints.
- Design and Manufacturing of sugar cane slicing machine.
- Design and Manufacturing of sugar cane crushing machine.
- Making **2D & 3D drawings, 3D modelling, sheet metal parts , assembling, detailing and drafting** of all make part using software **AutoCAD, SolidWorks** and **CATIA V5** with technical specifications (**GD & T**).
- Knowledge on selection of Motors, Bearings, Gear boxes and LM guides
- Design Of belt segregation machine.
- Design and Manufacturing of sugar cane peeler machine.



## Personal Info

### Email

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### Phone

+919742450803

### LinkedIn

<https://www.linkedin.com/in/muttu-raj-024ab1159->

## Technical Skills

AUTOCAD 2D and 3D



SOLIDWORKS



UG NX



CATIA V5



EXCEL



## Personal Skills

- Highly organized, trainable and adjustable to all types of environment.
- Take initiative and works independently or as a part of group.
- Ability to work hard and smart.
- Self-motivated and urge to learn new technologies
- Adaptive and quick learner.
- Leadership and teamwork
- Time management skill

2020-01

-2022-12

- Design and manufacturing of roller conveyors
- Knowledge on **Casting** and **forging**.
- Create cut lists for fabricators, welder, carpenters and heat treatment process of material etc.
- Prepared and maintained technical drawings for client review.
- Implemented revisions for all existing drawings
- Discuss budget details with customer /clients for value engineering.
- Create construction / fabrication budget and schedule.
- knowledge on plastic material.
- Making Bill of Material (**BOM**) & Bill of quantity (**BOQ**) of all design parts.
- Knowledge on **material selection, machining and fabrication process**.

**Software:** DS SOLIDWORKS 2016 , AutoCAD 2016. CATIAV5, UGNX

2019-01  
2020-01

**Company Profile:** Vinoothana Electro Control Systems Pvt. Ltd., Bangalore is a leading firm engaged in engineering services in conveyor design, Sheet metal, Steel Structure Erection, Jig & Fixture design, Industrial automation and SPM.

**Designation:** Design & Development Engineer in R&D Department.

**Job Profile:**

- Design & development of projects by carrying out the detail study as per clients requirements.
- Making **2D & 3D drawings, 3D modelling, sheet metal, assembling, detailing and drafting** of all make part using AutoCAD, SolidWorks with technical specifications (**GD & T**).
- Suggest and implement continuous improvement in existing product with client discussion.
- Making Bill of Material (**BOM**) & Bill of quantity (**BOQ**) of all design parts.
- Provide appropriate information & documentation for quality, purchasing, production, marketing & vendor development team.
- Handling special projects of value engineering & reverse engineering.

**Project handled:**

**Industrial Projects:**

- Design and Manufacturing of Powerised Roller Conveyor
- Design and Manufacturing of Glass Cutting Machine.
- Design and Manufacturing of Idler Roller Conveyor
- Design of Tapered Roller Conveyor
- Design and Manufacturing of Material Handling Systems (conveyors, Pick and Places, Lifter. Ladders)
- Design of Fence (By Using Aluminium Profiles) and Busbars
- Design and Manufacturing of Truck Guide and Wheel Stopper
- Design of Mezzanine Floor (Steel Fabrication and Erection).
- Design and Manufacturing of Trolley.
- Design and Manufacturing of chemical barrel storage rack, oil barrel storage rack and material storage rack.
- Design and Manufacturing of Seat scanning machine

**Clients:** Toyota Boshoku India (TBI), Honda, Toyota Kirloskar Motor Pvt. Ltd., (TKML). ITC

**Software:** DS SOLIDWORKS 2014, AutoCAD 2016. CATIAV5

## EDUCATION AND TRAINING

2014-2018	-	<b>B.E (Mechanical engineering)</b> with 70.63 % from Government engineering college, Kushalnagara.
2014	-	<b>PUC (12<sup>th</sup>)</b> with 67.83% from Sri Krishnarajendra Government junior Boys College ,Krishnarajanagara .
2012	-	<b>SSLC(10<sup>th</sup> )</b> with 83.04% from Government high school Haradanahalli.

**Internship:**

Completed 3 Month internship in Quality department in SOLIDUS HI-TECH PRODUCT PVT LTD.

**COMPUTER LITERACY:**

- Proficient in using Microsoft Office tools (Word, Excel and PowerPoint).
- Experience using – CAD, CAMD, ANSYS gained while undergoing various academic projects and academic curriculum.
- Experience using Solid EdgeV19, DS SolidWorks, AutoCAD, CATIA V5.

**EXTRA CURRICULAR ACTIVITY**

- Lead role in College Fest and Kho-Kho team.
- Have been a active member of the engineering college cultural committee. We have organized and co-ordinate many events for annual college fest.

- Secured 1<sup>st</sup> place in Athletic events in school and college sports event.

**PERSONAL DETAILS:**

**Father Name:** Chikkanna.

**Address :** Thoravalli mole village , Nanjangud taluk , Mysore district -571316

**Sex:** Male .

**Nationality:** Indian .

**Birth date:** 10/04/1997.

**Marital status:** Unmarried .

**Languages known:** English and Kannada.

**Hobbies:** Photography, playing cricket and chess.

**DECLARATION**

I hereby declare that all the information mentioned above is true and correct to the best of my knowledge.

PLACE: MYSORE

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