

SENTHUR KUMAR.P
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Lakshmipuram EXTN,
West Tambaram,
Chennai-600045.

CAREER OBJECTIVE

Looking for a challenging position, which utilizes my existing skills and also provides opportunities to learn and augmentation to the organization.

EXPERIENCE SUMMARY

- I. Company : SVM Private Limited, Guduvanchery, Chennai**
Department : Special Purpose Machines (SPM)
Designation : Design Engineer
Tenure : July 2019-Till date
- Design, Drafting and Development
 - Project Documents management.
 - Preparation of BOM.
 - Projects follow up.

PROJECT HIGHLIGHTS

1. Copper Shield cutting machine

The copper shield cutting machine is the machine which is used to cut a different variety of copper shields at different variety of length.

Role:

- Design & Drafting Entire Machine models and Drawings
- Prepare the design documents, Drawing release record.
- Provide Technical support to manufacturing and Purchase departments for proto development also provide support to end user to run the machine effectively.
- Procurement Follow-up.
- BOM Preparation.

2. Brazing Machine

This machine is used to join the two copper objects like Busbar, Copper Shield by using tungsten carbide.

Role:

- Design & Drafting the entire machine models and Drawings.
- BOM Preparation.

- Procurement Follow-up.
- Projects follow up and prepare the relevant documents.

3. Other projects

Over a group of three members I have successfully completed over 250 mini projects for in-house purpose such as cutting jigs , Templates, Holding fixture for push pull testing, etc.,

Apart from this I have worked under small machines projects for in-house such as Pull winding machine, chassis & Genset development.

EDUCATIONAL QUALIFICATION

COURSE	INSTITUTION	EXAMINATION AUTHORITY	YEAR OF PASSING	MARKS (%)
B.E (Mechanical)	University College of Engineering, Dindigul	Anna University	2019	75.50
Diploma (Mechanical)	P.A.C Ramasamy Raja Polytechnic College, Rajapalayam.	State Board of Technical Education	2016	86.89
S.S.L.C	Ramaswamy Pillai Higher Secondary School, Ilanji, Shenkottai	Tamil Nadu State Board	2013	92.40

ACADEMIC PROJECTS

B.E:

INVESTIGATION AND EVALUATION OF SURFACE ROUGHNESS MEASUREMENT ON ALUMINIUM METAL MATRIX COMPOSITES

This project is used to check the influence of drilling parameter on surface roughness in drilled specimen of Al7075/Tic metal matrix composites.

Role and Responsibilities:

- **Design Development and Verification**
- **Documentation**
- **Vendor Follow up**

DIPLOMA:

PNEUMATIC BASED PICK AND PLACE ROBOT

This project is used to automatically pick and place any components in the production area.

Role and Responsibilities:

- **Design Development and Verification**
- **Documentation**

KEY SKILLS

- Geometric Dimensioning & tolerncing (GD&T).
- Solid & sheet metal modeling.
- Design for manufacturability (DFM).
- Creation of Process Flow Chart.

SOFTWARE EXPOSURE

- **Softwares** : Microsoft Office , AutoCAD ,CATIA V5 , Solid works ,
PTC Creo

AWARDS & ACHIEVEMENTS

- Conquered “First Place” in carom at divisional level.
- Attained “Third rank” in our department at 2nd year of engineering.

TRAINING UNDERTAKEN

- Concluded inplant training in ASHOK TVS for a period of one month.
- Concluded inplant training in VINAYAGA MOTORS for a period of one month.

PERSONAL SKILLS

- Being punctually i will take more perseverance to complete any job.
- I was the UNION PRESIDENT of my polytechnic college.
- Even under pressure I can easily manage and adaptable to any situation.

PERSONAL DETAILS

Father’s Name : PARAMASIVAN. L

Date of Birth : 28thJuly 1998

Languages Known : English & Tamil

Hobbies : Volunteering, Traveling & Verse writing.
Playing games (carom & Volleyball.).

Passport no : S8530796

Permanent Address : 264, Manthiram Street,
K.C Road, Shenkottai-627809
Tirunelveli (DT), Tamilnadu.

DECLARATION

I hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

Yours sincerely,

(SENTHUR KUMAR.P)