

**KUPPUSAMY N**

+91 9715763737

[nkuppusamy98@gmail.com](mailto:nkuppusamy98@gmail.com)

### **CARRER OBJECTIVE**

Seeking a position of design engineer role in a challenging environment and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

### **ACADEMIC PROFILE**

Qualification	Board/University	Year of passing	Percentage /CGPA
B.E Automobile engineering	Kongu engineering college, Perundurai	2019	7.79 CGPA
HSC	J R C Hr Sec School,Kothayam	2015	91.75%
SSLC	J R C Hr Sec School,Kothayam	2013	83.4%

### **CURRENT WORK EXPERIENCE**

**Location : KCBee Pumps and System, Coimbatore**

**Role : SPM Design Engineer**

**Duration : Since May 2019**

#### **Responsibility**

- Develop the concept design of SPM and Reverse engineering with Competitor machine
- Conduct tolerance study for avoid the machine assembly issues
- Material selection and process planning of machine parts

#### **Industry Projects**

- Armature Slot Insulation Paper Inserting Machine for Automobile Self Start Motor
- Coil Lacing Machine For Stator

### **DESIGN SOFTWARE SKILLS**

- Strong knowledge in 3D part modelling ,part Assembly and Working Knowledge in Sheet metal by using Creo 6.0 and Solidworks 2016
- Strong knowledge in 2D drafting by using IRON CAD 2019
- Working knowledge 3D part design by using Catia V5

### **AREA OF INTEREST**

- Electric and Hybrid Vehicles
- Designing of Machine Components
- Bio - Diesel

### **ACHIEVEMENTS**

- Secured **“School Third”** in HSC Examination with a percentage of 91.75.
- Secured **“A2 Level”** in BEC preliminary Examination conducted by Cambridge University.

- Received **“Academic Excellence”** award from Kongu welfare trust for the year 2016-2017.

#### **ACADEMIC PROJECT**

- Design and fabrication of **“Automated Pneumatic Bumper for Vehicle Safety”** during final year mini project in the year 2018.
- Analysing the **“Performance and Emission Test in CI Engine Using Date Seed Oil Bio-Diesel with Diethyl Ether”** during final year main project in the year 2019.

#### **PAPERS PRESENTED**

- Presented paper on **“Electronic Stability Control”** at Government College of Technology, Coimbatore.
- Presented paper on **“Alternative Fuel-Bio Diesel”** at Bannari Amman Institute of Technology, Erode.

#### **CERTIFIED COURSES**

- Course on **“Applied Ergonomics and Scored Elite level in the Examination”** organized by NPTEL.

#### **WORKSHOPS ATTENDED**

- **“Technological Advancements in Automobiles”** conducted by SAEINDIA SKCET collegiate club at Sri Krishna College of Engineering and Technology, Coimbatore.

#### **INPLANT TRAININGS**

- Attended in **National Small Scall Industry (NSIC) “Technical Training with Mini Project”**, Chennai for a period of one week.

#### **OTHER CREDENTIALS**

- Volunteer in **“SAE Southern Section Student Convention 2016-17”** at Kongu Engineering College.
- Participated in **“SAE Tier events (Sheet Metal) ”**, at Kongu Engineering College.

#### **PERSONAL DETAILS**

Father’s name	: A.Natchimuthu (Late)
Mother’s name	: N.Eswari
Date of birth	: 08/05/1998
Address	:3/89, South street, Kothayam, Oddanchathram(tk), Dindigul(dt)-624614
Languages Known	: Tamil, English

PLACE:

DATE:

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