

MUTHUKUMAR P
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Career Objective

My objective is to pursue a career in an organization that would mould me into a consummate professional both in my approach and in my attitude and thus resulting in the mutual development of both the organization and myself.

Work Experience

- **Designation** : CNC Maintenance Engineer's Trainee
 - ✓ **Machining solutions & Tooling**
 - ✓ Maintain and implementation of **TPM** activities.
 - ✓ Update and maintain machine data base records on files and maintain spares.
 - ✓ Execution of Preventive and Break down maintenance in plant machinery.
 - ✓ Excellent analytical skill to install, Repaired, maintained and replaced parts on cnc machines.
 - ✓ Excellent knowledge of pneumatics and hydraulics systems and Bearing identification.
 - ✓ Strong experience in ATC gear box, Arm alignment and Spindle assembly works.
 - ✓ Strong mechanical background in installing axis Linear Guides, Ball screws, saddles and slides.
 - ✓ Hands on experience CNC machines like VMC,HMC,VTL, various CNC controlled SPM's.
- **Experience** : 2 years (from November 2016 to still now)
- **Company** : **Sakthi Auto Component Ltd, Tiruppur** is An IATF 16949, ISO 14001 and BS OHSAS 18001 certified company is a major supplier of critical components to passenger car manufacturers. The components are Steering knuckles, Brake drums, Brake discs, differential cases and manifolds etc.

Educational Qualification

COURSE	BOARD / UNIVERSITY	NAME OF INSTITUTION	YEAR OF PASSING	CGPA / PERCENTAGE
B.E Mechanical Engineering	Anna University	Sri Subramanya College Of Engg & Tech, Palani	2016	6.96
XII	State Board	Govt Hr Sec School, Dharapuram	2012	71.6
X	State Board	Govt Hr Sec School, Therpatti	2010	71.36

Industrial Training Undergone

- **Ambal Auto (P) Ltd** Coimbatore (Authorized dealer for Maruti Suzuki india limited) For Two Weeks

Project

Performance of an Automotive Car Radiator operated with Nano Fluid-Based Coolant

- Heat transfer of coolant flow through the automobile radiators is of great importance for the optimization of fuel consumption and overall efficiency of the engines
- In this project we have studied thermo physical properties of coolant such as density, specific heat, viscosity, and thermal conductivity through literature survey and HMT databook. Both the heat transfer rate in water and water based nano fluid are obtained and compared in ANSYS CFX.

Technical Skills:

- Auto CADD (AUTO DESK)
- PRO E
- CNC (programming & setting)
- MS Office

Professional Achievements

- Won the first prize in the **Quiz program-(NSD-APEEC)** held on jan 2013 conducted by.
- Presented the paper on advance in design and manufacturing of mechanical systems-dec 2015 entitled **“cryogenics”** held at Sri krishna college of engg and tech, Coimbatore.
- Attended the workshop under in the field of **“Modern Foundry”** conducted by Sasurie college of engg & tech, Vijayamangalam.
- Participated the different workshops on **“Different Trends in the IC engines”** Robert Bosch Engineering and Business Solutions Ltd.

Extra Curricular Activities

- Member of Social Club, one of the best Blood Donator in the club.
- Volunteer in college symposium and department activities.
- Self motive and confidence.

Personal Details

Name : Muthukumar P
Date of Birth : 07/07/1995
Age : 23
Father Name : Palanisamy M
Gender : Male
Languages : Tamil, English
Nationality : Indian
Permanent address : 37/1, Mangalampalayam,
Therpatti (PO), Dharapuram (TK),
Pin code – 638673.

Declaration

I Muthukumar P, assure you that the information furnished above is true to the best of my knowledge.

Place:

Date:

(MUTHUKUMAR P)

