Curriculum Vitae

Name : **MALLIKARJUNA C**

Address : Sri Kudala Sangama Nilaya ,
Ward No: 7, Kadamba nagar,
Post: Bhagyanagar – 583238
Tq/ Dst - Koppal

Email : **mallikarjunacvarma@gmail.com**

Contact **91-9900927189**

CARRIER OBJECTIVE

To work for an organisation which provides me the opportunity to apply my skills and knowledge with sincerity and integrity in an innovative environment in order to attain excellence along with the organisation goals.

PERSONAL DETAILS

Name	:	Mallikarjuna C
Gender	:	Male
Date of birth	:	14-01-1993
Languages known	:	English, Hindi, Telugu, Kannada
Father's Name	:	Vinod Kumar C
Mother's Name	:	Sujana prabha

EDUCATIONAL QUALIFICATIONS

Degree	Year of passing	University	Name of Institution	SGPA/Percentage
M TECH	2017	PES	PES University, Banglore (PESU)	7.92
BE (Mech)	2015	Visveswaraya Technological University, Belgaum	NavodayaInstitute of Technology,Raichur (NITR)	65.03

Examination	Year of passing	Board	Name of School/Institution	Percentage
Intermediate(+2)	2011	Karnataka Pre-university	Seth Rikhabchand ParasmalSukhani	54
Matriculation	2008	Karnataka school of secondary education	Seth Rikhabchand Sukhani, Raichur	60.16

STRENGTHS

- Cooperative, competent, patient and hardworking.
- Analytical thinking, meticulous planning.
- Strong verbal and written communication skills.
- Problem analysis, use of judgment and ability to solve problems efficiently, Team player.

COMPUTER SKILLS

- MS Windows, MS office.
- Programming languages like C programming, MatLab.
- Software packages like SOLID EDGE, ANSYS, CNC Programming.

WORKSHOP AND INDUSTRIAL VISITS

- Industrial visit to **SURANA POWER AND STEEL COMPANY**, Raichur.
- Workshop on **HYDRAULICS AND PNEUMATICS** at **VTU-BOSCH REXROTH**, Mysore**.**
- Workshop on **STACK UP ANALYSIS** at **PES UNIVERSITY,** Banglore.
- Workshop on **NEW ERA IN MANUFACTURING BY 3D PRINTING TECHNOLOGY** at **NAVODAYA INSTITUTE OF TECHNOLOGY,** Raichur.

B.E PROJECT PROFILE

TITLE: **Solar Air Cooler cum Heater with Auto Tracking Mechanism**.

Description: The main aim of the project is to design and develop a Photo voltaic solar model which is used normally in winter and summer seasons and it is so called solar air cooler cum heater.

Solar electricity is the technology of converting sunlight directly into electricity. It is based on photo voltaic or solar modules, which are very reliable and do not require any fuel and servicing. Solar electric systems are suitable for plenty of sun and are ideal when there is no main electricity.

Our project fulfilled all our requirements as our thoughts. Heater can be used in winter and cooler in summer. Hence it is a multipurpose project. Our project is vital one to the environment.

My Contribution: Design and Fabrication of an Auto Tracking Mechanism to the photo voltaic modules.

M. TECH PROJECT PROFILE

TITLE: **Studies on abrasive wear behaviour of aluminium and mild steel using pin on disc apparatus by numerical and experimental techniques**

Description: The main aim of the projectis to determine the friction and wear behaviour of two different materials namely, Aluminium (Al 6061 and Al 6063) and Mild steel (EN 8 and EN 31) under the effect of constant speed and time. For varying loads and wear track radius experiments have been carried out using the Pin on disc apparatus as per ASTM G99 standard to study the abrasive wear. Experiments have been performed on a group of specimens at different wear track radius, different loads, and constant speeds. All the experiments have been conducted under dry condition.The mathematical model has been developed using Archard's equation to compare, the results obtained by experiments. The morphology of worn out surfacesfor aluminium and mild steel specimens is examined using Scanning Electron Microscopy (SEM). The chemical composition of the specimens are determined by Electro dispersive analysis of X-ray (EDAX). The results show that the rate of abrasive wear is directly proportional to time, speed, wear track radius and load for both aluminium and mild steel specimens.

PAPER PRESENTATION

- Dynamic test of composite panels of an aircraft wing
- Metallurgical characterization and computational simulation of a screw spike aiming to improve its performance in railways

PAPER ACCEPTANCE

- Certificate of acceptance in International Journal of Scientific Engineering and Research (IJSER) of ISSN 2229 – 5518 bearing Volume 9, Issue 4, April 2018

AREA OF INTEREST

- Machine Design
- Material science and Metallurgy
- Mechanical Measurements and Metrology

EXPERIENCE

- Worked as a **RESEARCH ASSOCIATE** in PES University, Bengaluru - 560085
- Currently working as Assistant Professor in **KG REDDY College of Engineering and Technology**, Ranga Reddy Dist - 501504

ACHIEVEMENTS

- Got 1st rank in the **Mathematics Talent Exam** in secondary school level.
- Got placed in campus selection at **PRECISION ENGINEERING**a tool manufacturingcompany of Ambatur, Coimbatore, Tamil Nadu

HOBBIES

Watching movies, Hanging out with Friends, Listening to music, etc.

DECLARATION

I hereby declare that information mentioned above is true with the best of my knowledge.

Place: Koppal (Mallikarjuna C)