

# MOUNISH KAKARLA

## MECHANICAL ENGINEER

### CONTACT

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### SKILLS

AUTO CAD

CATIA V5 R21

ANSYS

PYTHON

### COURSEWORK

- Strength of Materials
- IC Engines
- Manufacturing Technology
- Additive Manufacturing
- Automobile Engineering
- Finite Element Analysis
- Heat Transfer
- Electric Vehicles
- Environmental Economics
- Industrial Internet of things
- Fluid Mechanics

### ACCOMPLISHMENTS

- Conducted and Promoted M-Blitz 2k22 a national level technical symposium conducted at our college
- Attended a Workshop on Web Development
- Achieved Merit Certificate in the Academic year in our college

### SOFT SKILLS

- Work ethic
- Adaptability
- Authenticity
- Introspective
- Assertiveness
- Team work

### CARRER OBJECTIVE

Industrious mechanical engineer looking for a challenging and interesting opportunity to utilize and further expand my skill set. Passionate about innovation and problem-solving. Devoted to utilizing my technical proficiency, analytical attitude, and attention to detail in order to drive continuous improvement within a dynamic and organization and contribute to the effective execution of projects. Willing to work in cross functional teams.

### EDUCATION

**Jawaharlal Technological University Anantapur**  
**College Of Engineering Kalikiri** **2020-2024**

Bachelor Of Technology in Mechanical Engineering  
Aggregate Percentage: 74%

**Mangal Vidyalayam , Chittoor** **2018-2020**  
Class 12th in CBSE  
Aggregate Percentage : 88.6 %

**Mangal Vidyalayam , Chittoor** **2017- 2018**  
Class 10th in CBSE  
Aggregate Percentage : 86 %

### WORK EXPERIENCE

APRIL 2023-JUNE 2023

#### GLOBAL SUNSHINE PRODUCTS

- In Global Sunshine Products which is a production based company i did my role as a machine operator
- Utilized strong communication abilities during presentations which led to increased understanding among colleagues regarding project goals and objectives.
- Developed technical and problem solving skills through hands-on experience with various laboratory equipment and techniques of the latest technologies, increasing overall lab proficiency.

### PROJECTS

JAN 2024 - APRIL 2024

#### Polishing Techniques of 3D Printing Materials

- Working as a research intern in IIT Tirupati on the project Polishing Techniques of 3D Printing Materials
- Achieving nano-level polishing of Steel and Titanium 3D printed components using advanced scientific methods like Plasma Electrolytic Polishing, Chemical Polishing and Drag Finishing.
- Done salt analysis by using XRD, FTIR and EDS to find out appropriate salt for polishing and learnt about the powder rheology of metal powders used in 3D Printing and gained technical knowledge of the machines

### CERTIFICATIONS

- Microsoft 365 Certified: Fundamentals  
Credential ID: 2145A58ABB90587D
- Microsoft Certified: Azure Fundamentals  
Credential ID: 97241F04B15188FD
- Internshala Trainings :Programming with python  
Credential ID: 7sfmrlg2ff1