

# M.T. BHARATH KUMAR REDDY

Mechanical Engineer

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## OBJECTIVE

To be a part of an organization where I get a chance to use my knowledge and skills to contribute for the process of organization as well as myself.

## WORK EXPERIENCE

**Institute:** CSIR-Central Mechanical Engineering Research Institute, Durgapur.

**Role:** Project Associate

**Duration:** January 2021 to August 2021

**Summary:** Carried out project based on a Mechanized Drain Cleaning system. Aim of the project is to remove the blockages in drains by using high-pressure water jetting nozzle. The nozzle contains one front hole and four back holes so that the nozzle clears the blockages and move forward. For that we used a triplex plunger pump which gives nearly 70-110 bar pressure. My role in this project is:

- Project leader.
- Preparation of machine field testing.
- Data collection for R & D.
- Identification of sever points during testing.
- Inspection of fabricated components.

## EDUCATION

Course	Institution	Percentage	Year of passing
PGDAMT (Post Graduation Diploma in Advanced Manufacturing Technology)	CSIR-CMERI Durgapur, Kolkata.	88.8%	2020
B. Tech (Mechanical Engineering)	Sree Vidyanikethan Engineering College, Tirupati.	72%	2019
Class XII	Narayana Junior College Kurnool.	90.7%	2015
Class X	Sri Bharathi Vidya mandir (Allagadda).	78%	2013

### **WORKSHOPS ATTENDED**

- National level workshop on **Internet of Things (IoT) for Environmental**, at CSIR-CMERI, Durgapur, Kolkata, 2020
- National level workshop on **Advances in Robotics and Artificial Intelligence**, at CSIR-CMERI, Durgapur, Kolkata. 2020
- National level workshop on **IC engines** at S. V. University Tirupati, 2017.

### **CERTIFICATION COURSES**

- Trained in AUTO CAD conducted by APSSDC, 2019.
- Solid Edge (Siemens) fundamentals conducted by APSSDC, Tirupati, 2019.

### **EXTRA CURRICULAR ACTIVITIES**

- Winners in kabaddi district level competition held in 2011-2012.
- Winners in cricket tournament conducted by CAMS Held in 2018-19.
- Winners in cricket tournament conducted by CSIR-CMERI staff club held in 2020.

### **AREAS OF INTEREST**

- Manufacturing technology.
- Production engineering.

### **STRENGTHS**

- Positive attitude.
- Marketing skills.
- Teamwork.
- Adaptive to any kind of environment.

### **HOBBIES & INTERESTS**

- Cricket
- Music
- Yoga
- Kabaddi

**M.T. Bharath Kumar Reddy**