**PRASHANTH GURRAM**

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# **PROFESSIONAL SUMMARY:**

Highly trained Mechanical Design Engineer with finely tuned technical writing, critical thinking, and collaborative skills. Experienced in the making prototype, simulating, and testing.

# **ACADEMIC QUALIFICATION:**

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| --- | --- | --- | --- | --- |
| QUALIFICATION | UNIVERSITY NAME | COLLEGE NAME | YEAR OF PASS | PERCENTAGE |
| M. Tech(Mechanical CAD) | SRM UNIVERSITY, CHENNAI | SRM UNIVERSITY, CHENNAI | 2017-2019 | 6.07(CGPA) |
| B. Tech(Mechanical) | JNTU HYDERABAD | MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY | 2013-2017 | 60.65 |
| Intermediate | BOARD OF INTERMEDIATE | SR JR. COLLEGE, KARIMNAGAR | 2011-2013 | 67.90 |
| SSC | BOARD OF SECONDARY EDUCATION | MARGADARSHI VIDYANIKETAN | 2011 | 67.33 |

# **TECHNICALCERTIFICATE COURSES:**

* Certified in Presser Vessel Design Engineer, June.2019.
* Certified in Piping Design Engineer, Aug.2019.

# **LANGUAGES:**

English, Telugu, Hindi &Tamil.

# **SKILLS:**

Compress Pressure Vessel, PV elite Pressure Vessel Design, PDMS, Caesar-II, Solid Works Design Engineer jobs, Ansys, MasterCam NC programming software milling, lathe, COMSOL Multiphysics, Catia v5 & v6, AutoCAD, MS word and MS excel

# **AWARDS:**

* 2 time's volleyball runners’ In National level technical symposium.
* KABADDI WINERY'S IN INTRAMURAL SPORTS FEST-2K17 in MALLA REDDY College ofEngineering and Technology.

# **ACTIVITIES:**

Blood and Donor Society Organization Members in Hyderabad.

# **PROJECTS:**

**M.Tech PROJECT:**

## Title: DESIGN AND ANALYSIS OF A PIN FIN HEAT SINK WITH PHASE CHANGE MATERIAL FOR THERMAL MANAGEMENT OF LIGHT EMITTING DIODES.

**Note:** I am planning to take patient for my novel pin fin heat sink for LED. Duration: 8 months.

Description: In this task I have planned a novel pin fin heat sink for warm administration of Light Emitting Diodes by utilizing the strong work and COMSOL Multiphysics software's. In this I utilized om35 phase change material. With this mix of PCM and pin fin there is colossal temperature contrast have been found. In this way, we can configuration required warmth sink for the LEDs.

**B.Tech PROJECT:**

## Title: DESIGN AND DEVELOPMENT OF SOLAR AIR COOLER.

Team size: 4

Duration: 4 months.

Description: We are Designed and Developed Solar Air cooler.

Solar Kit and Solar DC cooler pump are used.

Power: AC and DC 12volt operated. Size: 150cm×60cm

Battery: rechargeable and its capacity 12volt. We used lead acid battery.

# **PERSONAL STRENGTHS:**

•Creating Ideas

* Self-Motivated

•Delegating Tasks

•Analytical and Problem-Solving Skills

# **HOBBYS:**

Playing Volleyball, Cricket and Badminton.

# **PASSPORT DETAILS**

* Passport No : P4332721
* Date of Issue : 01/09/2016
* Date of Expiry : 31/08/2026
* Place of Issue : Hyderabad

# **DECLARATION:**

I hereby declare that above information furnished here is true to that of my knowledge and belief.

Place:

Date:

**PRASHANTH GURRAM**