



## BRIEF SUMMARY

My aim is to experience managing all aspects of a leader which can benefit a fortune company and research organization. My objective is to explore new areas and work in a dynamic stable organization. I want to work for an organization that provides me with the opportunity to improve my skills and knowledge to grow along with the organization's objective. Bringing forth a motivated attitude and a variety of powerful skills

## KEY EXPERTISE

DESIGN AND DEVELOPMENT   TEAMWORK   3D Printing   SolidWorks   Fusion 360   AutoCAD   ANSYS   CATIA   Tableau  
Microsoft Word   Microsoft Excel   Microsoft PowerPoint   Robotics

## EDUCATION

|  |             |
|--|-------------|
| <b>MIT Academy of Engineering, Pune</b><br>B.Tech. - Mechanical Engineering   CGPA: 8.72 / 10.00                     | 2020 - 2024 |
| <b>Walchand College of Arts and Science, Solapur</b><br>12 <sup>th</sup>   MSBSHSE   Percentage: 76.46 / 100.00      | 2020        |
| <b>Gandhi Natha Rangji English Medium School, Solapur</b><br>10 <sup>th</sup>   MSBSHSE   Percentage: 88.20 / 100.00 | 2018        |

## AWARDS AND SCHOLARSHIPS

- TSWF Scholarship

## PROFESSIONAL EXPERIENCE

|   |                             |
|---|-----------------------------|
| <b>Team Invictus</b><br>Technical Team Member | 01 Jun, 2020 - 31 Aug, 2021 |
|---|-----------------------------|

## INTERNSHIPS

|   |                             |
|---|-----------------------------|
| <b>Occipital Agrograde</b><br>Mechanical Engineer   | 05 Jun, 2023 - 05 Aug, 2023 |
| <b>Key Skills:</b> CAD   SolidWorks   Quality Assurance   Quality Control   Product Design   Assembly   |                             |
| To work with associated companies and other entities to carry out the job scope. To understand the production drawings and requirements. QA and QC. Understand the production drawings and fabrication invigilation. Implementation of production Process improvement techniques. |                             |

## PROJECTS

|  |                             |
|--|-----------------------------|
| <b>Heat Transfer in Electrical wires using different Insulations</b><br><b>Mentor:</b> Pramod Kothmire Sir   <b>Team Size:</b> 3<br><b>Key Skills:</b> Critical Thinking   Communications   Heat Transfer<br>Heat transfer is an important aspect in electrical wires to protect core wires from damage.<br>The physics of heat transfer is based on what material is selected for insulation.<br>Analytical calculation.<br>Physical model for experimental calculation.  | 01 Feb, 2023 - 30 Apr, 2023 |
| <b>DESIGNED AND DEVELOPED ROBOTS FOR HOME AUTOMATION — SMART INDIA HACKATHON 2022</b><br><b>Mentor:</b> Prof. Shridhar Khandekar   <b>Team Size:</b> 20<br><b>Key Skills:</b> Critical Thinking   CAD   Simulation   Analysis   Manufacturing   Testing<br>The robots were built for all kinds of dedicated tasks such as cleaning shoes, planting crops, cleaning windows, etc<br>Demonstrated 3D Printed the model<br>3D Printed the Robotic Arm<br>Directed the project | 02 Feb, 2022 - 08 Aug, 2022 |
| <b>DESIGNED AND DEVELOPED FULLY FUNCTIONAL ROBOTS BASED ON THE TRADITIONAL INDIAN GAME THEME LAGORI—DD ROBOCON 2022</b>  | 01 Aug, 2021 - 24 Jul, 2022 |

**Key Skills:** Critical Thinking CAD Simulation Analysis Manufacturing Testing

Potential tasks were performing the calculations , designing the parts followed by the assembly,testing and rectification of the errors induced. Performed 3D Printing.

## BUILT ROBOT TO FOLLOW LINE — MINDSPARK- INTERCOLLEGE TECHNICAL COMPETITION

20 Aug, 2021 - 31 Aug, 2021

The robot is built to follow the given line path.

## ACHIEVEMENTS

- ACHIEVED ALL INDIA RANK 12 IN DD ROBOCON 2022 ORGANIZED BY IIT DELHI.
- FIRST RUNNER UP IN SMART INDIA HACKATHON 2022.
- CLEARED THE STAGE 1 AND STAGE 2 IN ORDER TO QUALIFY FOR THE NATIONALS AND WAS IN TOP 5 COLLEGES AMONG 98 OTHER COLLEGES FOR SMART INDIA HACKATHON 2022.
- WAS IN TOP 1% OF THE STUDENTS IN DESIGN THINKING PRACTICAL LAB.
- BAGGED THE FIRST PRICE IN "SEARCH N DESTROY COMPETITION" AT "COLLEGE OF ENGINEERING PUNE" IN "MIND SPARK EVENT" IN YEAR 2021.
- BAGGED THE FIRST PRICE IN "ROBO RACE" AT "MMIT" IN "TECH EVENT" IN THE YEAR 2022.
- SECOND PRICE IN "ROBO WAR" AT "MMIT" IN "TECH EVENT" IN YEAR 2022.

## ASSESSMENTS / CERTIFICATIONS

### Simulink Certification Course

**Aggregate:** 100.00 / 100.00

Learn the basics of MATLAB® through this introductory tutorial on commonly used features and workflows.

### Simulink Onramp

**Aggregate:** 100.00 / 100.00

Learn the basics of how to create, edit, and simulate models in Simulink®.

### Hydraulics - Udemy Course

**Aggregate:** 100.00 / 100.00

Basic of Oil hydraulics systems & fundamentals, hydraulic fluids, control valves, cylinders, circuits construction & analysis

## CO-CURRICULAR ACTIVITIES

- Technical Team Member - INVICTUS Robotics Club MITAOE

## EXTRA CURRICULAR ACTIVITIES

- Active member of Robin Hood Army

## PERSONAL INTERESTS / HOBBIES

- AUTOMOBILE, ROBOTICS, 3D PRINTING, TRAVELING
- PLAYING CRICKET, WATCHING TRAVEL VLOGS, CAD MODELING

## IMs

- Other - <https://www.linkedin.com/in/dassiddheshwar>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** Flat no. B114, Aasta Building, Chalori Budruk, Dehu phata, Pune, 16/17, Valshankar Chawl, 53 Railway lines, Solapur, Pune, Maharashtra, India - 412105

**Emails:** siddheshwar.das@mitaoe.ac.in , siddheshwar.npdas@gmail.com

**Date of Birth:** 25 Mar, 2001

**Known Languages:** English, Marathi, Hindi, Odia

**Permanent Address:** 16/17, Valshankar Chawl, 53 Railway Line, 53 Railway Lines, Solapur North, Maharashtra, India - 413001

**Phone Number:** +91-8208249437