**ACKNOWLEDGMENT**

I consider it a privilege to express our gratitude and respect to all those who guided us throughout the period of the internship.

Hearty thanks to **Mr. Krishna Chowdary**, General Manager, CIM Tools Pvt, Ltd. (SEZ) for providing all the facilities that helped me in timely completion of my internship work.

Most sincere and grateful acknowledgement to **Mangalore Institute of Technology and Engineering**, for giving us the opportunity to pursue the Degree in Aeronautical Engineering and thus helping us to shape our career. I would like to express our gratitude to our Chairman **Mr. Rajesh Chouta** and the Principal **Prof. Prashanth C M**, for their support in bringing this to a completion.

I would like to express our heartful gratitude to **Dr. Anand S N,** Professor and Head, Dept. of Aeronautical Engineering, for his skilful guidance, constant supervision, timely suggestion and support in each and every step of the internship.

I also take this opportunity to thank all the staff members of the Department who have rendered their whole-hearted support at all along for successful completion of our internship.

Last but not the least, I would like to thank my parents for their unending support and encouragement, in perusing the internship program.

**KSHITHIJ S NAIK**

**4MT19AE020**

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| Chapter No. | Title | Page No. |
|  | Acknowledgment  Table of Contents  List of Figures  Weekly Overview | i  ii  iii  iv |
| 1. | Company Profile  1.1 About the Company  1.2 Departments  1.3 Clients | 1  1  1  4 |
| 2. | Objectives | 5 |
| 3. | Business Development | 6 |
| 4. | Planning | 8 |
| 5. | Engineering | 9 |
| 6. | Stores | 11 |
| 7. | Production | 12 |
| 8. | Assembly | 14 |
| 9. | Quality | 15 |
| 10. | Packing | 16 |
| 11. | Conclusion | 17 |

**LIST OF FIGURES**

|  |  |
| --- | --- |
| **Particulars** | **Page No.** |
| Figure 1: Business Development Flowchart | 7 |
| Figure 2: CATIA Part | 9 |
| Figure 3: Engineering Flowchart | 10 |
| Figure 4: Tool path on MaterCAM | 10 |
| Figure 5: Stores Flowchart | 11 |
| Figure 6: Jigs & Fixtures | 12 |
| Figure 7: 3-Axis Machine | 13 |
| Figure 8: 5-Axis Machine | 13 |
| Figure 9: Coordinate Measuring Machine (CMM) | 15 |
| Figure 10: Packing Flowchart | 16 |

**WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **DATE** | **DAY** | **NAME OF DIVISION** |
| **1st Week** | 05-09-2022 | Monday | Introduction |
| 06-09-2022 | Tuesday | Business Development |
| 07-09-2022 | Wednesday | Business Development |
| 08-09-2022 | Thursday | Stores |
| 09-09-2022 | Friday | Stores |
| 10-09-2022 | Saturday | Stores |
|  | | | |
| **2nd Week** | 12-09-2022 | Monday | Purchase |
| 13-09-2022 | Tuesday | Purchase |
| 14-09-2022 | Wednesday | Production |
| 15-09-2022 | Thursday | Production |
| 16-09-2022 | Friday | Production |
| 17-09-2022 | Saturday | Planning |
|  | | | |
| **3rd Week** | 19-09-2022 | Monday | Planning |
| 20-09-2022 | Tuesday | QAD |
| 21-09-2022 | Wednesday | QAD |
| 22-09-2022 | Thursday | QAD |
| 23-09-2022 | Friday | Assembly |
| 24-09-2022 | Saturday | Assembly |
|  | | | |
| **4th Week** | 26-09-2022 | Monday | Assembly |
| 27-09-2022 | Tuesday | Engineering |
| 28-09-2022 | Wednesday | Engineering |
| 29-09-2022 | Thursday | Engineering |
| 30-09-2022 | Friday | Packing |