

SIYAS MAHMOOD S

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EDUCATION

- **BE Production Engineering**
PSG College of Technology, 2021-2025
CGPA: 8.88 (up to IX Sem)
- **Diploma in Mechanical Engineering (DME)**
Sri Krishna Polytechnic College, 2018-2021
Percentage: 90%
- **SSLC**
RKV CBSE SR SEC SCHOOL, 2008-2018
Percentage: 61.8%

AREA OF INTEREST

- Automation
- Metrology
- Process Planning and Cost Estimation
- Production and Operation Management
- Supply Chain Management

EXPERIENCE

- **CRAFTSMAN AUTOMATION LTD**, Arasur, Coimbatore, May 2024 to June 2024
Focus: Explored various manufacturing processes and implementation within the company.
- **JB TOOLS**, Sidco, Coimbatore, January 2024 to February 2024
Focus: Engaged in die design and manufacturing processes.
- **FESTO INDIA PVT LTD**, Bangalore, January 2024(Three days)
Focus: Studied the intricacies of industrial pneumatic control systems.
- **JANATICS INDIA PVT LTD**, Sidco, Coimbatore, May 2023 to July 2023
Focus: Acquired in-depth knowledge of pneumatic systems and their industrial applications.
- **SHERWIN INDUSTRY**, Sidco, Coimbatore, 2019
Focus: Gained hands-on experience with special machines.

SOFTWARE SKILLS

- | | |
|-----------|-------------|
| • Creo | • Mastercam |
| • AutoCAD | • Power BI |
| • Ansys | • MS Excel |

PROJECTS

- Transporter of Bikes: Reducing worker fatigue in transporting bikes.
- Mini Forklift: Reducing human activity in storage system automation.
- Beetroot Harvesting Machine: Design and fabrication.
- Development and testing Aluminium/Polypropylene/Aluminium sandwich sheet for car hood

ACHIEVEMENTS

- Technical Mastery: Won **First Place** in the **JANATICS Automation Skill Competition 2023**, organized by **JANATICS INDIA PVT LTD** in partnership with **DIDACTICS INDIA**.
- Design Innovation: Awarded **First Place** in the **PNEUMO 23 Circuit Design Contest**, conducted by the **ASME Student Chapter PSG CT** in collaboration with **FESTO**.
- Consistent Performance: Achieved **Third Rank** in 4th Semester and 5th Semester BE Production Engineering (SW) (2021-2023).
- Academic Excellence: Secured **Third Rank** in the First Year of **DME** with an impressive 85.5% (2018-19).
- Cleared **GATE 2024** with an **All India Rank of 501**.

EXTRACURRICULARAM & CO CURRICULARAM

- **Secretary**, Industry (Alumni) Interaction Forum (2024-25)
- **Member of Student Union** (2024-25)
- **Class representative**, VIII & IX semester
- **Senior Executive**, Aero Modelling Club (2023-24)
- **Executive**, Martial Arts Club (2023-24)

PAPER PUBLICATION

Investigating the Effect of Cutting Speed, Feed Rate, and Radial Depth of Cut on Tool Wear during Turning of Al-1060 Alloy by High-Speed Steel Cutting Tools Presented at **ICAMDMS 2024**

CERTIFICATION

- AI Tools in Environment Sustainability
- Industrial Finance and Taxation.
- Tool and die design and fabrication.
- Computer aided design, manufacturing, and CNC machining practice.
- Two weeks of Industrial Training in Industrial Internet of Things (IIOT)

LANGUAGE KNOWN

- English
- Tamil
- Malayalam
- Hindi

HOBBIES

- Traveling
- History