

MIDHUEN SAMINATHAN

EDUCATION

- **B.Tech Mechanical Engineering**
CGPA – 7.65 / 10 **2019-2023**
Amrita Vishwa Vidyapeetham
- **Class 12** – 85.33% **2019**
- **Class 10** – 96.6% **2017**

TECHNICAL INTERESTS

- Supply chain Operations
- Planning
- Procurement
- Logistics
- Global Sourcing

PROJECTS

- Title: Tool Life Optimization
Duration: Jun '22 - Present
Location: AMRITA
Brief Description: To develop best tool life conditions for tungsten carbide tool used in CNC machines with the help of algorithms in python
Software
- Title: Rolling of Al Alloy
Duration: Mar '21 - Jan '22
Location: AMRITA
Brief Description: To Study the post effects on the Al alloy after rolling process.

TECHNICAL SKILLS

- Auto CAD
- Auto desk Inventor
- ARENA 3D
- ANSYS
- Microsoft Excel
- ADAMS
- POM
- Python
- C

INTERNSHIP

- Quality Control Intern, Teslead Equipments, Coimbatore
 - Implemented DMAIC, to improvise production
 - Procurement Planning
 - Implemented KANBAN System
 - Time Study and Method Study

CERTIFICATIONS

- Supply chain Operations, Rutgers University, coursera, Apr'22
- Supply chain Planning, Rutgers University, coursera, Jan'22
- Supply chain Logistics, Rutgers University, coursera, Nov'21
- Introduction to engineering mechanics, Georgia institute of technology, coursera, Sep'20

EXTRA CURRICULAR ACTIVITIES

- Throw ball captain at college, AMRITA, 2019 – Present
- Volunteer, Rotary Club, 2016 - Present