



SENETH JAYAMAL

MECHANICAL ENGINEERING TECHNOLOGY
UNDERGRADUATE

CONTACT

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Bulathsinhala, Sri Lanka

EDUCATION

BET MECHANICAL ENGINEERING
TECHNOLOGY HONS (UG)
SABARAGAMUWA UNIVERSITY OF SRI
LANKA

• 2023 – Present*

GPA: 3.5/4.0*

SOFT SKILLS

- Project Management
- Effective communication
- Teamwork
- Time Management
- Leadership
- Problem solving
- Critical Thinking

LANGUAGES

- Sinhala (Fluent)
- English (very good)
- Tamil (Basics)

PROFILE

Motivated undergraduate Mechanical Engineering Technology student at Sabaragamuwa University of Sri Lanka seeking an internship opportunity to apply technical knowledge in mechanical design, manufacturing processes, and practical engineering work. Skilled in CAD software, manufacturing processes, and problem-solving with a strong interest in gaining industrial experience.

PROJECTS

- **Mini Project - Turbidity Measurement System**
 - Designed a simple turbidity measurement setup using light absorption principle
 - Conducted water quality testing
 - Analyzed experimental results using MS Excel
- **Project for InnovaTech 2026 - AI-Driven Solar Grid Management System**
 - Designed system to manage solar panels, battery storage, and grid interaction
 - Implemented AI-based prediction using temperature and solar irradiation data
 - Created real-time monitoring dashboard for system performance

TECHNICAL SKILLS

- **CAD Software**
Solid Edge, AutoCAD, SolidWorks
- **Computer Skills**
MS Word, Excel, PowerPoint
- **Manufacturing Processes**

INTERESTS

- **Treasurer** : Students' Union, Faculty of technology, Sabaragamuwa university of Sri Lanka

REFERENCE

Professor KR Koswattage, (Ph.D.,
Kobe University, M.Sc., Kobe
University, B.Sc. (Honors), Special
degree in Physics)
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