

PASINDU WIJESINGHE

MECHANICAL ENGINEERING UNDERGRADUATE

+94 70 106 3303

pasindudwijesinghe@gmail.com

55/2, Subodharama rd, Lansiyawadiya,
Kotugoda.

[https://pasindudilhara1038-
design.github.io/my-portfolio-website/](https://pasindudilhara1038-design.github.io/my-portfolio-website/)

www.linkedin.com/in/pasinduwijesinghe

PROFILE

Motivated first-year BSc Mechanical Engineering undergraduate at SLIIT with a strong interest in aerospace engineering and practical engineering innovation. Skilled in 3D design using AutoCAD, engineering computation, and Python programming. Seeking an internship opportunity to apply academic knowledge, strengthen technical and problem-solving skills, and contribute to real-world engineering projects.

PROJECTS

Note-to-Coin converter

- Managed the physical assembly of the prototype, successfully integrating mechanical parts and electronics into a limited space.
- Conducted mechanical testing and troubleshooting to identify structural weaknesses and improve the note intake mechanism.
- Co-authored the final engineering report, managing the technical documentation for project scheduling and team coordination.

Rainwater Harvesting system for an urban area

- Conducted comprehensive background research on urban rainwater harvesting systems and evaluated multiple proposed engineering solution
- Developed the detailed project cost estimation table and collaborated in identifying sustainable materials and resources required for system construction
- Detailed the technical workflow of the system, explicitly explaining the rainwater collection, underground storage, and distribution processes

EXTRA CURRICULUM

An active member of the IMECHE student chapter

Taekwondo

- Open Taekwondo Championship 2020
- Third place in the yellow belt category
 - Third place in the 45kg class

EDUCATION

2025 - present

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

- BSc Engineering (Hons) in Mechanical Engineering

2020-2023

SRI PANGNANANDA NATIONAL COLLEGE

- physical science (combined
mathematics, physics, chemistry)

SKILLS

- Project Management
- Python
- Computer-Aided Design
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- Sinhala
- English

REFERENCE

- Ms. Premila Wijesinghe**
Scientific Researcher
Institute of Organic Biogeochemistry in Geosystems
RWTH Aachen University
Germany
Email: premila.wijesinghe@obg.rwth-aachen.de

- Mr. Thilina Sandeepa**
Senior research and development engineer
Synopsys Lanka (Pvt) Ltd
Email: thilina.nimesh@synopsys.com