



SUDAM CHAMIKARA DE SILVA

- **PhD(Reading):** Engineering and Technology
- **MSc:** Engineering and Technology
- **B.Tech(Sp):** Mechatronics



Thammasat University Dormitories,
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Full Name Jasenthu Patabendi Sudam
Chamikara De Silva

Gender Male

Date of Birth 06.01.1995

Age 28

Civil Status Single

Nationality Srilankan

ABOUT ME

A Graduate who is much confident in performing the duties vested on me. I have a life goal of being a professional with a higher capability. My belief is that sharing existing knowledge of the world; hence serving to my community would be a top priority of me.

PROFICIENCY IN ENGLISH

IELTS(2020) - Overall 6.5

Reading - 8.0

Listening - 6.0

Speaking - 6.0

Writing - 6.0

EDUCATION

University Education

- **Sirindhorn International Institute of Technology (SIIT), Thammasat University (TU), Rangsit, Thailand (From 2021 to present)**
Master of Science in Engineering and Technology specialized in Mechanical Engineering - *School of Manufacturing Systems and Mechanical Engineering.*
- **Uva Wellassa University, Badulla, Sri Lanka (2015- 2019)**
Bachelor of Technology in Science and Technology specialized in Mechatronics - *Department of Science and Technology.*

High School Education

- **Dharmashoka College ,Ambalangoda, Sri Lanka (2000-2013)**

PROFESSIONAL EXPERIENCE

- **Working as a Graduate Teaching Assistant** in Sirindhorn International Institute of Technology(SIIT), Thammasat University(TU), Thailand. *(From 2021 to present)*
Courses and Labs Conducted : MES300, MES301, MES302, MES391, ITS100, GTS123
- **Worked as an Assistant Lecturer (Temporary)** in Faculty of Applied Sciences Uva Wellassa University, Sri Lanka.

RESEARCH AND PUBLICATIONS

- Successfully published a conference paper in IEEE-ICMA 2023 conference at Harbin-China
Title: Development and Evaluation of Inverted Docking Station for Small Quadrotor UAV
- Successfully published a Journal paper in Drones-MDPI journal in 2022
Title: Inverted Docking Station : A Conceptual Design for a Battery Swapping Platform for Quadrotor UAVs.
- Successfully published a Research Abstract in International Research Conference of Uva Wellassa University 2019 (IRCUWU) Sri Lanka
Title: Efficient Autonomous Guided Vehicle For Transporting Material in Sri Lankan Industry.

SOFTWARE AND COMPUTER BASE SKILLS

- CAD CAM: Solidworks2020, Auto Cad 2013, SolidCAM 2015
- Microcontroller Simulation (Proteus 8.8 Professional)
- Computational modelling and mathematical software (MATLAB 16)
- Statistical packages (Minitab 17)
- Electronic Designing (Altium 2020)
- PLC Systems and SCADA Interfacing (YOKOGAWA PLC ; XINJE PLC, SIMENS PLC)
- Office Package: Ms Word, MS Excel, Ms Power Point, Ms Access
- Computer Programming Languages (C, C++, Python , Java)
- Overleaf and Latex packages.

EXTRA-CURRICULAR ACTIVITIES

- Participated for SLIIT RoboFest 2016 (*Team Rider*)
- Participated for IESL Robo games (*Team RIO*)
- Member of IEEE (Institute of Electrical and Electronic Engineers) of Uva Wellassa University, Sri Lanka (2015-2019)
- Member of Robotics Society Uva Wellassa University, Sri Lanaka (2017-2019)
- Organizing committee member of UWU Robot Battles 2016, 2018 and UWU Robot Battles extra edition 2019
- Successfully completed 'Certificate Course in PLC Programmig ' (Nikini Automation Systems, Sri Lanka)

NON RELATED REFEREES

1. Dr.Maroy Phlernjai
Lecturer
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Systems and Mechanical
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2. Dr.Thushara Ekanayaka
Senior Lecturer
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I hereby declare that all the above particulars given by me are true and accurate to the best of my knowledge.

Thank You.

10.12.2023
Date


Signature