

DILRU MINRUK LIYANAGE

UNDERGRADUATE

11, Gajaba Place, Colombo 06 | +94 (77)927 8892 | dilruminruk01@gmail.com | [LinkedIn](#)

SUMMARY

Ambitious Statistics and Operations Research student at the University of Peradeniya with a proven track record in technical modeling and high-level organizational leadership. I am experienced in utilizing Operations Research techniques to optimize processes and leveraging programming expertise in R, Python, and Java to analyze complex data patterns. As International Service Director and Batch Representative, I have demonstrated excellence in global networking, student advocacy, and managing multi-disciplinary teams for community and environmental sustainability. I am now seeking to apply my unique blend of analytical expertise and leadership experience to drive organizational objectives.

EDUCATION

University of Peradeniya Bachelor of Science Degree in Statistics and Operations Research GPA : 3.33	May 2022 - Present
Isipathana College - Colombo 05 G.C.E. Advanced Level Examination - 2020 1A and 2B passes (Physical Science Stream) Z-score : 1.4881	Feb 2006 - Jul 2022

PROJECTS

Multivariate Analysis & Pattern Recognition in Urban Air Quality University of Peradeniya Technological Application, Dimensionality Reduction, Temporal Pattern Recognition.	Apr 2026 - Present
Multivariate Statistical Analysis of Urban Air Quality University of Peradeniya Technological Application, Data Engineering & Preprocessing, Multivariate Modeling, Statistical Validation.	Jan 2026 - Apr 2026
Optimizing Automated Core Winding Parameters University of Peradeniya Statistical Modeling: Applied Multiple Linear Regression, Process Optimization, Technical Implementation: Utilized R programming, Industrial Application.	Jan 2025 - Nov 2025

EXPERIENCE

Director of International Services Rotaract Club of University of Peradeniya International Relations & Collaboration, Cross-Cultural Communication, Project Planning & Management, Strategic Leadership.	Jul 2023 - Jul 2024
Batch Representative Student Academic Advisory Committee - Faculty of Science, University of Peradeniya Academic Advocacy & Representation, Professional Development, Student Interaction & Welfare, Academic Mentorship.	May 2022 - Present

VOLUNTEER EXPERIENCE

Member

Jul 2022 - Present

Rotaract Club of University of Peradeniya

- Actively contributed to environmental service, professional development, and community welfare projects.

Project Chairperson - Project "Unity Talks"

Oct 2023

Rotaract Club of University of Peradeniya

- Cultural Diplomacy and Community Engagement.

Project Chairperson - Project "Ethera"

Feb 2023 - May 2023

Rotaract Club of University of Peradeniya

- Project Leadership & Management, Strategic Resource Mobilization, Professional Development.

Organizing Committee Member - "Hill Country Youth Peace Summit"

Oct 2023 - Dec 2023

Rotaract Club of University of Peradeniya

- High-Level Collaboration, Strategic Planning & Logistics, Peace & Conflict Resolution.

Organizing Committee Member - Project "Goodbye Polythene"

Oct 2022 - Jan 2023

Rotaract Club of University of Peradeniya

- Environmental Advocacy & Stewardship, Resource Management, Community Awareness & Education.

Member

Jan 2023 - Present

Astronomical Society

Member

Jul 2022 - Jun 2023

Leo Club of University of Peradeniya

TECHNICAL SKILLS

R programming, Python, Java, Microsoft Office Suite, Microsoft Excel, Data Analysis, Statistical Analysis, Lingo, Mathematical Modeling, Project Management, Problem Solving, Flexsim

SOFT SKILLS

Leadership, Teamwork, Communication Skills, Organization Skills, Event Coordinating, Time Management, Professional Ethics, Critical Thinking, Community Service, Project Planning, International Relations, Stakeholder Management

ADDITIONAL INFORMATION

- **Languages:**
Sinhala (Native)
English (C1 Advanced)

REFERENCES

Dr. W.N.P. Rodrigo

Senior Lecturer - Department of Mathematics
Faculty of Science,
University of Peradeniya.

Phone: +94 71 017 6327

Email: nilukar@sci.pdn.ac.lk

Dr. Ruwanthini Siyambalapitiya

Senior Lecturer - Department of Statistics &
Computer Science
Faculty of Science,
University of Peradeniya.

Phone: +94 76 899 5695

Email: ruwanthini@sci.pdn.ac.lk