



KALUTHANTHIRIGE SASIRU NETHWAN PEIRIS GOONATILLEKE

Molecular Biologist

Personal Info

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, Nugegoda, 10350, Sri Lanka

ID Number
200424500184

Nationality
Sri Lankan

Date of birth
01.09.2004

Skills

- ☐ DNA sequencing
- ☐ Bioinformatics
- ☐ PCR technology
- ☐ Data analysis
- ☐ Research experience
- ☐ Scientific writing
- ☐ Teamwork

Languages

- ☐ Sinhala
- ☐ English
- ☐ Chinese

As a passionate and dedicated graduate in biotechnology, I am eager to apply my knowledge and laboratory experience in gene expression, DNA/RNA sequencing, and protein analysis to contribute to cutting-edge research. My academic journey, combined with hands-on training in molecular techniques like PCR, CRISPR, and electrophoresis, has fueled my ambition to explore new frontiers in genetics and biotechnology. I thrive in collaborative environments and am committed to driving innovation in molecular biology to improve human health and disease understanding.

Work Experience

Lab Assistant in Tissue Culture Laboratory, Sri Lanka Institute of Information Technology (SLIIT) (Internship), New Kandy Road, Malabe

October 2024 - January 2025

- Designed tissue cultured orchid-dendrobium purple plants and cultivated them in the Green house located at SLIIT.
- Developed a database for each plant in the tissue culture lab.

Research Intern, Molecular Biology Laboratory, Sri Lanka Institute of Information Technology (SLIIT) (Internship), New Kandy Road, Malabe

April - July 2028

- Collaborated with senior researchers on data analysis, contributing to a research paper on protein -DNA interactions.
- Conducted experiments on DNA extraction, PCR amplification, and gel electrophoresis to study gene expression.

Education

Ananda College Colombo 10 (Grade 1 to 13)

2010 - 2024

Did my primary and secondary education and did my Advanced Level in **Bio Science** stream with Biology, Physics and Chemistry.

Ordinary Level (2019-2021) - 9As

Advanced Level (2021-2024) - CSS

Bsc (Hons) in Biotechnology, Sri Lanka Institute of Information Technology (SLIIT)

July 2024 - September 2028

Did my Higher education, performing well in both academic and extra curricular activities, done various projects and gained a lot of achievements, developed my laboratory skills and finally did my research in Molecular Biology.

GPA - 3.8/4.0

Final Exam Marks

Molecular Biology - 89%

Genetics and Genomics - 92%

Biochemistry - 91%

Bioinformatics - 90%

Courses

Pre - intermediate level, British Council

March 2024 - May 2024

Diploma in Computer Studies, Siksil Institute of Business and Information Technology (SIBT)

February 2024 - September 2024

Achievements

Selected as one of the top 20 students with the highest marks for Chinese Subject and given opportunity to travel to China in 2018.

Achieved prizes for Chinese Subject and Health and Physical Science at the annual prize giving in 2020 for Ordinary Level examination.

Awarded the Col .G. W. Rajapaksha Memorial Award for Achieving 10th place in the college for O/L Examination results at the annual prize giving in 2020.

Graduated with First- Class Honors for Bsc.(Hons) in Biotechnology at SLIIT.

Published Research : Co- authored a paper on gene therapy in a reputable scientific journal. (SCIFA)

Awarded for the Most Valuable Badminton Player representing SLIIT for the outstanding performance in a national level Badminton tournament.(Sri Lanka Badminton - All Island Badminton Championship)

References

Professor Colin Peiris, SLIIT

colin.p@slit.lk

Professor Sriyani Peiris, SLIIT

sriyani.p@slit.lk