

SAADHAN FAIZAL

BBST Honours in Environmental Technology (R) | University of Colombo | Faculty of Technology

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NO.09, Dialog MW, Nagawillu, Palavi, Puttalam

About Me

A motivated and dedicated undergraduate pursuing a BBST (Hons) in Environmental Technology at the University of Colombo Faculty of Technology. Possesses a strong academic foundation in environmental disciplines, including pollution control, green technology, GIS, and climate change mitigation. Demonstrated ability to apply theoretical knowledge through field and industries, environmental assessments, and community projects. Aims to contribute to evidence-based sustainable solutions and resource-efficient practices within the environmental and industrial sector. Combines technical skills in monitoring and data analysis with strong communication and leadership capabilities.

Education

BBST (Hons) Environmental Technology
Faculty of Technology,
University of Colombo
GPA - 3.2

Relevant Modules: Climate Change Mitigation Technology, Solid Waste Management, Air Quality Monitoring Technology, Land Management Techniques, Water Analysis Technology, Molecular Biology for Bio Systems, Green Technology, Water Treatment Technology, GIS with ArcGIS Pro

GCE Advanced Level
MN/ Erukkalampiddy Central
College

Bio Systems Technology Stream (2021/2022 Batch)
District Rank - 2 & Merit Pass,
Island Rank - 181 | Z-Score: 2.0026

Advance Certificate in English
A- Pass

SIBA Campus 2022 - 2nd Batch At Mannar National Youth Corps centre

Advance Certificate in IT
A Pass

SIBA Campus 2022 - 2nd Batch At Mannar National Youth Corps centre

Completed Leadership & Personality Development

06 Months Course (2019 Batch-1) at NYC Mannar

Languages

Tamil ● ● ● ● ●

English ● ● ● ● ○

Sinhala ● ● ● ○ ○

Experience

Project and Research
Eco-Conscious Dog Feed
Project (2nd Year)

University Mini Project (2nd Year - 2024)
Repurposed canteen food waste into safe, low-cost dog feed, reducing waste while supporting shelters and low-income families.

Ongoing Project
Portable All-in-One
GHG Emission
Analyzer

Developed a portable analyzer with multi-sensor integration (CO₂, CH₄, N₂O) for accurate, real-time emission monitoring.

Volunteering Experience

Volunteer Editor	Edukinniya Pvt Ltd (Jan 2025 – Present)
Volunteer Teaching	MN/Erukkalampiddy Centre College (2022–2023)
University Majlish Projects	Community and student engagement programs
Undergraduate Volunteer	Social and educational aid initiatives

Skills

Laboratory & Technical Skills: Practical laboratory techniques in environmental technology; water treatment technologies; solid waste management; air pollution monitoring and mitigation; energy management systems; coastal management technologies; environmental conservation and management.

GIS & Data Analysis: ArcGIS Pro (basic GIS applications), data analysis, Microsoft Office Suite, slide presentations.

Research & Communication: Content writing in English & Tamil, report preparation, academic writing.

Creative Skills: Basic graphic design, drawing and sketching.

Interpersonal Skills: Teamwork, leadership, time management, effective communication, and critical thinking.

Leadership & Activities

- Founder & Lead, 9 WhatsApp-based A/L Technology Study Groups (5,000+ students & teachers)
- Vice President, National Youth Corps Old Students Committee (2019 Batch)
- Faculty Vice Batch Representative, University Muslim Majlish (2025)
- Prefect, MN/Erukkalampiddy Mahalir Maha Vidhyalaya (2018)
- Completed Leadership & Personality Development Course, National Youth Corps (2019)
- Completed Adventure Based Training, Naula (2019)
- Organized and led, Future Focus Technology Guidance Program & Upreach '25 Program Projects
- University level Sports: Represented faculty in inter-faculty tournaments; recognized for excellence in Elle, Netball, and Basketball

References

Mr.M.M.Razmy

(MSc(IT), PGD(IT), BSc(Hons))
Senior IT Engineer,
National Water Supply & Drainage Board,
Regional Support Centre (Uva),
Badulla
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