

# Wandawa Gamage Kusal Pabasara

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## Education

- 2023 – 2027    📖 **B.Sc.(Hons) in Computer Science & Engineering**, University of Moratuwa  
Faculty of Engineering  
Currently pursuing undergraduate studies
- 2022    📖 **G.C.E. Advanced Level Examination**, Richmond College, Galle  
Physical Science Stream  
Physics (A), Chemistry (A), Combined Mathematics (A)  
Z-score: 2.6247
- 2019    📖 **G.C.E. Ordinary Level Examination**, Richmond College, Galle  
9 A passes including Mathematics, Science, English  
Basket subjects: Appreciation of English Literary Texts, Commerce, ICT
- Until 2013    📖 **Primary Education**, Vidyaloka College, Galle  
Grade 5 Scholarship Examination: 183 marks

## Experience

- 2023 – Present    📖 **Co-Chair, "Nena Aruna" Project**, Rotaract Club of University of Moratuwa
- Coordinated educational initiatives aimed at guiding O/L students through exam preparation and post-exam planning.
  - Developed and implemented strategic plans for academic support programs.
- 📖 **HRM Member MoraSpirit**, University of Moratuwa
- Active member of the Human Resources Management pillar for the year 2024.
  - Contributed to InterUni coverage and 14th anniversary celebration.
  - Participated in Outside Recruitment projects.
- Member of Web and Tech Pillar MoraSpirit**, University of Moratuwa
- Now ongoing for the year 2025

## Experience (continued)

- 2023      **District Coordinator, "Ganitha Sawiya" Project**, Sasnaka Sansada
- Managed mathematics teaching program for O/L students in Galle district.
  - Coordinated volunteer teachers and scheduled classes.
  - Monitored student progress and implemented improvement strategies.
- 2022 – 2023      **Co-chair, "Regreen Earth Madol Duwa" Project**, Sasnaka Sansada
- Led mangrove reforestation project.
  - Coordinated volunteers and resources for environmental conservation.
-  **Volunteer Teacher**, Sasnaka Sansada
- Taught subjects to underprivileged students.
  - Participated in charity projects including "Katina Pinkama".
  - Contributed to blood donation programs.
- 2023 – Present      **District Coordinator, "Shilpasara" Project**, LEO Club of University of Moratuwa
- Initially volunteered as a teacher in the educational initiative.
  - Promoted to district coordinator, overseeing project implementation.
  - Provided guidance to O/L students both pre and post examination.
- 2025 – Present      **Committee Member** of Public Relations Committee of Computer Society, IEEE University of Moratuwa
- Actively serving as a member of the Public Relations Committee.
-  **STEM instructor and a member**, Rysera Innovations
- Works as a STEM member, teaching Robotics, Programming, 3D designing, and AI to students in grades 6-11.
- 2025      **Participated in SpiritX web development competition** organized by MoraSpirit University of Moratuwa.
- Developed a sports-related website, gaining significant experience in the process.
-  **Participated in Devthon** organized by Rotaract club of University of Moratuwa and SLTC.
- Developed a modern job-finding website.

## Experience (continued)

- **Participated in SLIOT Challenge** organized by IESL and Computer Science & Engineering Department.
  - Advanced to the Proposal Submission round with an automatic sleep-detecting wristband project.

## Skills

Programming Languages	■ Python, Java, C++ (Intermediate); JavaScript, PHP (Beginner)
Web Development	■ HTML, CSS, React.js, Node.js, MongoDB
Design Software	■ Adobe Photoshop, Canva, Adobe Illustrator
Operating Systems	■ Windows 11, Ubuntu/Linux
Languages	■ Sinhala (Native), English (Fluent)
Leadership & Communication	■ Event Management, Public Speaking, Team Leadership Experienced compere, including at the Pre Engineering Association of Galle Cricket Tournament Award Ceremony Served as Head Prefect at Dhamma School; led environmental and educational initiatives as coordinator and co-chair

## Projects

2023	■ <b>Xavier3 UAV Project</b> Working and Designing a Quadcopter to dock upon Xavier3 UGV with my Team FlightWorks
	<b>NanoProcessor Project</b> Designed and developed a NanoProcessor for Computer organization and Digital Design Module Semester 2 with my team
	<b>Personal Website</b> Designed and developed a personal portfolio website using HTML, CSS, and JavaScript. URL: <a href="https://kusalpabasara.github.io/MYPersonalWebsite/">https://kusalpabasara.github.io/MYPersonalWebsite/</a>

## Extracurricular Activities



### School Involvement

- |           |   |
|-----------|---|
| Societies | ■ Worked as a news editor in Richmond College Media Unit(RCMU)<br>Secretary for the year 2019 of Philatelic Society |
|-----------|---|




### University Involvement

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|-------------------------|---|
| Classical Music Society | ■ Active Member, University of Moratuwa |
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## Extracurricular Activities (continued)

- Mora Hiking Club     Active Member, University of Moratuwa
- Table Tennis     Participant (Working towards University Team), University of Moratuwa

## Workshops & Additional Training

- Star Party Workshop     Attended astronomy workshop at school level in 2017
- TOT workshop     Attended Teaching of Trainers(TOT) project organized by the collaboration of Ministry of Education and "Sasnaka Sansada" Voluntary organization in national level which is for developing skills on teaching ordinary level mathematics in 2023
- Mini TOT workshop     Attended and serve as a resource person for the Mini TOT project which is organized for members of Galle district as a Mini workshop and continuation of TOT national level workshop in 2023

## Awards & Achievements

- Olympiad Competitions     SLJSO(Sri Lanka Junior Science Olympiad) 2017 Merit Pass  
SLAAO(Sri Lanka Astronomy and Astrophysics Olympiad) 2018 Merit Pass  
SLMO(Sri Lanka Mathematics Olympiad) 2017 Provincial Level
- Astronomy Competitions     Participated in Arthur C. Clarke Memorial Competition organized by Astronomical Society of Ananda College in 2017 and 2018 and got selected to 2nd round  
Participated in AUDAX'18 organized by Astronomical Society of Maliyadeva Boys' College **First Runners-up**  
Participated in "Nilambara Abiyasa" organized by Astronomical Society of Sanghamitta Balika Vidyalaya **First Runners-up**
- UOJcoders v4.0     Participated in Coders v4.0 organized by Univeristy of Jaffna and ongoing selected to Finalists
- InnovateX Hackathon     **Champions** — Organized by **Zebra Technologies** as Team "Gmora"  
[github.com/KusalPabasara/InnovateX](https://github.com/KusalPabasara/InnovateX)
- Hackelite 2.0     **First Runners-up** — Organized by **IEEE WIE University of Moratuwa**, developed an innovative web application **Marga.lk**  
[github.com/KusalPabasara/hacklite](https://github.com/KusalPabasara/hacklite)
- JapuraXtreme     **6<sup>th</sup> Place** — Competed as Team "TrippleBoot" among 150+ teams, showcasing significant progress and teamwork

## References

**Mr. Daminda Prabath Kalupahana**

Science Teacher, Richmond College

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