

CURRICULAM VITAE



PERSONAL DETAILS

Name: Watagalahewage Janitha Abhayaratna
Date of Birth : 01/08/1989
Gender: Male
Civil Status : Married
Nationality: Sri Lankan
School Attended: Ananda College, Colombo-10.
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EDUCATION AND QUALIFICATIONS

- University of Sri Jayawardenapura, Nugegoda, Sri Lanka

Bachelor of Science Special Degree in Physics (First Class)

GPA in Physics: 4.0/4.5 (89%) Overall GPA: 3.7/4.5 (83%)

Subjects included: Nano Science and Technology,

Nuclear Physics, Computational Physics, Statistical
and Quantum Mechanics

- Sri Lanka Institute of Information Technology, Malabe

Bachelor of Information Technology Special Hons

Overall GPA- 2.8/4.0

Ananda College, Colombo 10, Sri Lanka

1995-2008

Subject	Result
Mathematics	A
Science	A
Buddhism	A
English Language	A
Electronics	A
Eastern Music	A
English Literature	B
Development Studies	B
Social Studies and History	C
Sinhala Language and Literature	C

G.C.E Advanced Level 2011

Subject	Result
Biology	B
Chemistry	C
Physics	B
General English	A

Professional Qualifications

- Currently following the Post Graduate Diploma in Teaching at the Open University of Sri Lanka, Colombo.

TEACHING EXPERIENCE

Teaching Assistant;

March 2013- August 2017

Department of Physics, Faculty of Applied Science, University of Sri Jayewardenepura, Sri Lanka

- Attached to the Elementary Laboratory
- Appointed to regular conduct of practical classes, grading lab reports, conducting tutorial classes and helping individual students with questions concerning fundamentals of Physics.

Visiting Lecturer:

**The Technical Institute and Scientific Lyceum (High School) Amendeo
AVOGADRO of TORINO in Italy**

- Worked as a visiting Lecturer for ISTITUTO ISTRUZIONE SUPERIORE “A. AVAGADRO” for 2 months for subjects Physics and Mathematics in 2018.

**Faculty of Medical Science, University of Sri Jayewardenepura, Nugegoda,
Sri Lanka**

- Appointed to conduct practicals with grading lab reports in B.Sc. in Medical Laboratory Sciences Degree Program “Physics”

Full time teacher

- Currently teaching at Methodist College, Colombo for Grade 13 Edexcel Physics IAL, Grade 13 National AL Physics, IGCSE Edexcel Physics for Grade 10 & 11, Grade 14 Mechanics.
- Worked as a Physics teacher for IGCSE and IAL of Pearson
- I have worked as a Physics and Mathematics teacher for IGCSE and IAL of Cambridge Curriculum at St. Nicholas International School, Colombo.
- Was working at Trinity College, Kandy as the Physics teacher for IAL London A/L for Pearson Edexcel Curriculum.
- Was teaching in Lyceum International School, Wattala as a Physics teacher for International Cambridge Specifications(High School grades).
- Was tutoring and paper setting for National Physics for Advanced Level students from September in Vidura College, Hokandara.
- Did teach in Leighton Park International School as a Physics and Maths tutor for IGCSE, AS and A2 from 2013 to 2015.
- Worked as the Physics tutor for Grades 9,10,11,12 at Learnium International School, Etul Kotte from 2015 to 2017.
- I was teaching in Bond International, Kirulapona and Exon College, Dehiwala since 2009-2013.

Part time Teacher

- At Exon College, Dehiwala taught subjects Chemistry, Physics and Mathematics for IGCSE AS and A2 for Cambridge and Edexcel Syllabuses.
- At East Asian International School for subjects Physics and Maths.

Mathematical knowledge and experience-

- Ability to teach with experience Core, Pure, Mechanics, Statistics (Distributions-

Binomial Poisson, Normal, χ^2 and any concept in Statistics)

Decision Maths, Further Maths.

- Experience in teaching Edexcel
 - √ Core Maths modules- C1,C2,C3, C4
 - √ Mechanics modules – M1,M2,M3,M4,M5
 - √ Statistical modules – S1,S2,S3,S4.
- Cambridge
 - √ Pure Maths Modules –P1,P2,P3.
 - √ Mechanics Modules – M1, M2, M3
 - √ Statistics Modules – S1,S2,S3
- Experience in teaching SLIIT students Probability and Statistics Module of 2nd Year subject and ability and experience in teaching mathematics related degree level subjects of other universities.
- SAAT exam teaching experience of subjects Maths, Physics and Chemistry.

RELEVANT SKILLS

Experience & knowledge

- Idea and knowledge of the National AL Physics content and curriculum
- Experience and knowledge in Pearson Edexcel Physics & Chemistry of IAL specification with the idea of marking schemes.
- Idea content and knowledge in Pearson Edexcel Physics & Chemistry IGCSE curriculum with the understanding of marking schemes.
- Knowledge, experience and idea of marking schemes of Pearson Edexcel Pure Mathematics, Mechanics & Statistics.
- The idea of marking schemes, curriculum and content of Cambridge Physics, Chemistry & Mathematics of IGCSE & IAL specifications.

Languages Research Skills Computer Skills

- Good conversational and written English
- Good knowledge of Mathematica 9.0 analyzing package
- Use of Microsoft Word (making reports), PowerPoint (seminar presentations), Excel (data analysis); and Internet

Programming skills – C++, C#, C, Sql, Mysql, Oracle, PHP, Java, Eclipse, Html, Java script, Perl

INTERESTS

I would like to interact and work with people of different cultures and religions of different nations, and I like to teach students and to work with co-workers overseas.

I like any kind of new thing to do, challenges drive me live, and I like to work with people of different nations, cultures and countries and break the barriers of social levels.

I want to make students to build analytical and logical skills starting on core concepts up to a deep understanding and thinking of the subject ideas, and to make majority of students to score high in exams (A/B) and for the weakest students' at least to pass while making the subject knowledge able to apply practically in day to day life activities.

I am willing to make students more to understand and analyze and least notes, short notes and make them able to answer any question, even when it is out-of- box or within the syllabus outline.

I am interested in learning Medical Physics and Nano Science & Technology by exploring and involving in innovative team activities in challenging environments.

I have ideas to make a few software with related to Physics and Mathematics knowledge for students to learn online interactively and step-by-step who would like to self-study, as well to make the students understand that even the subjects are taught, actually there is no foundries and all subjects are inter-related in practical day-to day life.

REFEREES

Jayasiri Fernando,
Physics Subject coordinator and Vice principle,
Ananda College, Colombo-10.
0112868116

Dr. Lasantha Pathirage.
No.63, Horana Road,
Kesbewa, Piliyandala
0773049766.

I hereby certify that the particulars furnished by me are true and accurate to the best of my knowledge.

25/03/2025