

SUVASHINI S

BIOCHEMISTRY GRADUATE

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Objective

Motivated and detail-oriented **Biochemistry** graduate with a solid foundation in physiology, microbiology, and anatomy. Recently completed medical coding training with hands-on experience in **ICD-10** and **CPT** coding systems, and currently pursuing **CPC** certification. Eager to launch a career as a **Medical Coder** and contribute to accurate health data management and efficient healthcare operations.

Projects

Phytochemical Analysis, Antioxidant and Invitro Antihyperglycemic Activity of *Aegle Marmelos* Leaves

- Conducted a detailed analysis of ***Aegle marmelos*** leaf extracts to identify bioactive compounds such as phenolics, flavonoids, alkaloids, tannins, and saponins.
- Found high phenol content in methanol leaf extract, indicating strong antioxidant potential.
- Demonstrated significant anti-diabetic and anti-glycemic activity in leaf extracts, suggesting potential in regulating blood glucose and oxidative stress.

Participation and Achievements

- Successfully completed the "**English for Career Development and STEM**" course with an Elite grade through the US Online Professional English Network program.
- Completed the "**Employability and Entrepreneurship**" training course at the Regional English Language Office, U.S. Embassy.
- Presented a poster on "**Green Synthesis of Curcumin-Zinc Nanoparticles**" at the International Conference held at Loyola College, securing third prize.
- Presented a poster on "**Prospects and Challenges of Nanotechnology**" at the National Conference held at SIT College.
- Completed an internship in "**Microbiology and Biochemical Techniques**" organized by Sacred Heart College in collaboration with BSN, LAQB, and UEZO.
- Participated in a 15-day internship on "**Molecular Docking Analysis**" conducted by DGVC College.
- Participated and presented paper titled "**Invitro Phytochemical Analysis Of Erythrina Variegata Leaves Extract And Its Antihypertensive Action–An Insilico Study**" at Biotrends'24 - International Conference.
- Honored with the **Best Student Award** in Life Science by St. Peter's University, in collaboration with the Microbiologists Society, India.

Skills & abilities

- Drug Development, Clinical Research
- ICD-10, CPT, HCPCS coding systems
- Anatomy, Physiology & Medical Terminology
- Attention to detail & accuracy
- Microsoft Office

Education

Bhaktavatsalam Memorial College for Women

Bachelor of Science in Biochemistry

87% • (2022 - 2025)

- Physiology, Microbiology, Human Anatomy, Clinical Biochemistry, Cell Biology

Vivekananda Educational Society

HSC

74% • (2021 - 2022)