

SREYA NARAYANAN

Phone Number:9645553581| Email: sreyanarayanan415@gmail.com

EXECUTIVE SUMMARY

Motivated MSc Biochemistry student with a strong foundation in molecular biology, analytical techniques, and phytochemical research. Passionate about cancer biology and seeking opportunities to contribute to cutting-edge cancer research through practical laboratory experience.

EDUCATION

MOUNT CARMEL COLLEGE, BANGALORE KARNATAKA	2024-2026
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PURSUING MASTERS IN BIOCHEMISTRY

NEHRU ARTS AND SCIENCE COLLEGE, COIMBATORE TAMILNADU	2021-2024
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BACHELORS IN BIOCHEMISTRY WITH NANOTECHNOLOGY

Overall Examination Score:90%

PANDIT MOTILAL MODEL GOVERNMENT H.S.S, PALAKKAD KERALA	2019 -2021
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HIGHER SECONDARY-BIO-MATHS

Overall Examination Score: -96%

KANIKKAMATHA CONVENT E.M.G.H.S.S, PALAKKAD KERALA	2018-2019
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SECONDARY-10TH

Overall Examination Score-99%

INTERNSHIP

SUDHARMA LAB, PALAKKAD KERALA-2024

(INTERN- DIAGNOSTIC TECHNIQUES: - DURATION 15 DAYS)

- Assisted in laboratory procedures including sample collection, preparation, and analysis
- Performed basic biochemical and microbiological tests, such as blood glucose estimation, urine analysis, and gram staining, under supervision.

- Maintained and calibrated laboratory equipment like spectrophotometers and centrifuges to ensure data accuracy.
- Followed Standard Operating Procedures (SOPs) and adhered strictly to biosafety and waste disposal protocols.
- Recorded and analysed patient test data for inclusion in laboratory reports.
- Gained hands-on experience with diagnostic instruments and clinical sample handling.
- Collaborated with lab personnel to ensure an efficient and hygienic workflow.

LANGUAGE

English	Fluent
Malayalam	Fluent
Tamil	Intermediate
Hindi	Intermediate

ACHIEVEMENTS & CERTIFICATIONS

- Introduction to Cell Biology-NPTEL-SWAYAM (March 2022)
- Biological Process Design for Wastewater Treatment-NPTEL-SWAYAM (March 2025)
- Food Safety Program: - From 06th March – (March 2023)
- DNA Fingerprinting Program: - From 19th November – (November 2023)
- Spoken Tutorial Online Course: -LibreOffice Suite Base Training
- Bioprocessing Worksoop - Biozeen (2024) Certified training in upstream and downstream processing in industrial biotechnology
- Certified in Animal Handling and Behavioural Studies

ACHIEVEMENTS:

- Awarded As Class Topper in Bachelors in Biochemistry
- Awarded As Best Outgoing Student 2023-2024
- Selected As Students Coordinator 2023-2024

WORKSHOPS AND INDUSTRIAL VISIT

- One-Day Industrial Visit to NCBS, Bangalore – (March 27 2025)
Sessions on Genome Engineering, Mass Spectrometry, Genome Sequencing, and NMR.
- Industrial Visit to ITC (Malur, Bangalore) – (September 2024)
Observed large-scale production processes and quality control systems

PROJECT

PHYTOCHEMICAL ANALYSIS OF LAWSONIA INERMIS(Henna)

Conducted an in-depth study on the phytochemical composition of **Lawsonia inermis (Henna)**, a widely used medicinal and cosmetic plant. The project aimed to identify, isolate, and analyse key bioactive compounds present in henna leaves and their potential therapeutic properties. This research focused on understanding the medicinal value of henna, particularly its antioxidant, antimicrobial, anti-inflammatory, and anticancer activities

SKILLS

- Technical Skills: - Ion-Exchange Chromatography, Affinity Chromatography
- Soft Skills: -Leadership, Teamwork, Communication.
- Software: - MS Excel, PowerPoint, Word