

Shreenidhi Chandrasekaran

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Objective:

Driven Biotechnology student with a strong foundation in laboratory protocols. Passionate about exploring emerging fields in Biotechnology and turning complex research into innovative solutions.

Education:

Sri Venkateswara College of Engineering, Sriperumbudur
2024-Present

Swamy's School, Porur, Chennai
2010-2024

Technical Skills:

Laboratory Skills: Basic Microbiology and Molecular Biology techniques
Computational Skills: Sequence analysis (BLAST) and Protein Structure and Epitope Prediction

Internship:

Stem Cell Research Centre, Government Stanley Medical College and Hospital, Chennai
Mapped the end-to-end workflow for stem cell isolation, spanning tissue processing through final cryopreservation.

Certifications:

NPTEL- Animal Physiology
NPTEL- Bioinformatics

Achievements:

Secured the **Best Paper Award** for the paper titled "In silico antigen identification and multi-epitope vaccine design against Cocksackievirus B and for Type-1

Diabetes Mellitus using integrated Transcriptomic analysis” on International Conference on Frontiers in Industrial Biotechnology 2026, St Joseph’s College of Engineering

Secured **Finalist position** in the BIOHACKATHON’25, Anna University

Secured **3rd place** in the SVCE INNOVATES 2025 by Institution’s Innovation Council and Sri Venkateswara College of Engineering

Workshops and Conferences:

SRM Institute of Science and Technology - Pre-conference workshop on “Exploring the Neuroscience of Behaviour in Animal Models” at the National Conference on Genetics and Genetic Engineering, 2025

St Joseph’s College of Engineering – International Conference on Frontiers in Industrial Biotechnology, 2026

School of Bioengineering, SRM Institute of Science and Technology – International Conference on Bioengineering, 2026

Clubs:

Ecosystem Development Team – ECO Club (2024-2025)

Screenplay Head – Curtain Call, SVCE (2025-2026)

Senior Member – Photography Club, SVCE

Senior Member – Forum of Economic Studies by Engineers (FORESE)

Languages:

English

Tamil

Hindi

Areas of Interest:

Genetic Engineering, Medical Biotechnology, Food Engineering, Computational Biology

