



Sudarshan Vasanthakumar

Biomedical Engineer | Biomaterials | NCC Best Cadet

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Objective

Biomedical Engineering undergraduate passionate about innovation in healthcare, biomaterials, and rehabilitation technologies.

Education

- KPRIET – B.E. Biomedical Engineering, CGPA: 8.4 (2023–Present)
- KSIRS International School – ICSE/ISC: 10th – 93%, 12th – 90%

Leadership

- Overall Coordinator – College Health Assessment Camp
- Senior Under Officer – NCC (Air Wing)
- Green House Captain – School

Languages

English, Tamil, Malayalam, Hindi

Achievements

- All India Best Cadet (Air Wing) – 4th Position, RDC 2025, Delhi
- Gold Medal – Best Cadet, IGC-RDC 2024, Madurai
- Flag Area Rep – Kovai NCC; Banner Victory for Coimbatore Group
- Presented "Sono-Ink" – National Conference, KPRIET
- 3rd Place – "Carbon Capture Using Algae", KRIYA 2024, PSG Tech

Projects

- Bioactive Gel – Banana Peel + Aloe Vera wound healing formulation
- Assistive Physical Games – Motor skill enhancement for special children
- Sono-Ink – Sound-sensitive diagnostic ink for ultrasonic detection

Internship

- Kumaran Medical Centre – Biomedical workflow optimization and equipment evaluation

Skills

- Python, C, HTML, Arduino, MATLAB, Photoshop, CorelDraw
- Public Speaking, Leadership, Teamwork, Time Management

Extras

- Keyboardist & Vocalist
- Football Midfielder
- Learning CRISPR & Genetic Engineering