



Kandula M S V Surya Manohar
III year
Bachelors of Technology
Electronics & Communication Engineering
National Institute of Technology, Calicut

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EDUCATION

- **National Institute of Technology, Calicut** 2022 - 2026
Bachelors of Technology in Electronics & Communication Engineering CGPA: **7.21**
- **Sasi Junior College, Mandapeta** 2020 - 2021
APBIE, (Class XII) Marks: **969/1000**
- **Sri Chaitanya Techno H S Mandapeta** 2019 - 2020
APBE, (Class X) CGPA: **10.0**

PERSONAL PROJECTS

- **Basic Calculator** April - 2024
Developed a responsive and interactive calculator
 - Reduced development time by 30% using Visual Studio Code, Git, and Chrome DevTools for streamlined debugging and version control.
 - Supports 4 basic arithmetic operations (addition, subtraction, multiplication, division) with an intuitive UI that increased user interaction.
 - Technologies: HTML5, CSS, JavaScript, ensuring cross-platform compatibility and a responsive design.
- **Sound Detector** April - 2024
Engineered a sound detector circuit utilizing an Op-Amp
 - Captured and amplified sound waves with an accuracy of 95%, providing a clear output signal suitable for further processing or analysis.
 - Increased amplification efficiency by 30% using optimized operational amplifier configurations.
 - Tools & technologies used: Operational Amplifier, Proteus for circuit design and simulation, reducing design time by 20%.

POSITIONS OF RESPONSIBILITY

- **Senior Level Coordinator - Club Mathematica** April - 2024
Organized events for Club Mathematica
 - Conducted "Infinitum" for Club Mathematica, organizing competitive tests for 30,000+ students and successfully selecting the top 3 teams.
- **Design Head - Electronics and Communication Engineering Association** April - 2024
Led design efforts for ECE Association
 - Led the design team in creating promotional materials, event branding, and digital content for one of the largest branches on campus.

ACHIEVEMENTS & CERTIFICATIONS

- **Workshop Instructor – Video Editing | Tathva, NIT Calicut** October - 2024
 - Conducted a high-impact Premiere Pro Workshop as part of Tathva, NIT Calicut's premier tech fest.
 - Delivered hands-on training to 100+ participants, covering advanced editing techniques, workflow optimization, and industry best practices.
- **YouTube Channel with 1K Subscribers** May - 2024
 - Grew a personal YouTube channel to 1K+ subscribers, creating engaging content on college life at NIT Calicut.
- **Cleared JEE Mains 2022 with a 98.67 Percentile** Jan - 2022
- **Completed a Course on Fundamentals of Digital Marketing by Google** March - 2025

TECHNICAL SKILLS AND INTERESTS

Languages: C++, HTML, CSS, Javascript, OOPS in C++
Developer Tools: Microsoft Excel, Git, GitHub
Softwares & Tools: VS Code, Proteus, LTspice, Matlab
Areas of Interest: Data Structures & Algorithms, Programming, Web Development, Video Editing