



Education & Scholastic Achievements			
Program	Institution	CGPA/%	Completion
Dual Degree ¹ in Electrical Engineering	Indian Institute of Technology, Madras	8.72	Expected 2026
Class XII (CBSE)	Arsha Vidya Mandir, Chennai	94%	2021
Class X (CBSE)	Arsha Vidya Mandir, Chennai	90.8%	2019
• Awarded Gold in OPhO² 2021 by placing 6th (Top 0.75%) among 800+ teams from all around the world			2021
• Secured All India Rank 332 (Top 0.24%) in Joint Entrance Exam (JEE) Advanced 2021 among 0.14+ million candidates			2021
• Placed 7th in Physics Brawl 2021 out of 800+ teams (Top 0.87%) Conducted by Charles University, Prague			2021
Professional Experiences			
Undergraduate Researcher		Associate in Government Funded Project	Telecom Industry
R&D of a Full Duplex IC³ May '24 - Present	• Researching for improvising a cutting-edge Chip Design published on Transactions on Circuits and Systems • Proposing an improvement in speed of Telecom communication by two times upon successful development		
Research Associate at 5G Test Bed, IIT Madras May '23 - Present	• Point Of Contact in the Junior Research Team that is building an Indigenous 5G Radiohead for Self-Dependence • Building PCBs that are to serve as the baseline for India's Self-Sufficient 5G Network for use including Defense • Attended the National Communications Conference 2024 with the team on the current happenings in Telecom • Nation-wide 5G Radioheads Project funded by the Government of India's Department of Telecommunications		
Projects			
Product Development & Market Analysis		NGO ⁴ Collaboration	Social Impact
Blue ResQ: Mobile App for Volunteership (CFI, Sahaay 2023-24)	• Ideated a Mobile Application to Decentralize Animal Distress Call Response to improve Success Rate & Speed • Proposed a Revolutionizing of Animal Welfare Volunteership with a pipeline inspired by Ola's Vicinal Response • Analyzed the Demography of the Users . Designed Wireframes & Features to cater to the diverse backgrounds • Successfully led the team to show a full-stack workflow from an online request to the volunteers' application		
Project Vision: Assistive Tech for BVI⁵ (CFI, Sahaay 2022-23)	• Built a Prototype for an Assistive Tech Project to support Blind and Visually Impaired individuals with Mobility • Incubated as a Start-Up at Nirmaan. Analyzed Market Entry, Customer Segment, Unique Selling Point & Cost • Collaborated with Charity Organizations in neighborhoods for feedback on Ergonomic Design & Improvisation		
Positions Of Responsibility			
Head: 3-Tier Club, 52 Members, ₹2L+ Budget		Reformed PR ⁶ & Structure; Achieved Record Member Count	Social Impact
Club Head Sahaay - Social Innovation Club Apr '23 - Mar '24	• Headed the Social Innovation Club executing 5 Technical Projects of a 3-Tier Structure with 5/17/30 Members • Introduced Organizational Structure and formalized Recruitment Process , achieved 100% Success in Projects • Reformed Club's Hierarchy thereby improving Accountability. Pruned redundant roles and fostered leadership • Revamped the Public Image of the Club thereby boosting member & application count by 400% & 900% resp. • Started a Mobile App collaboration with the NGO Blue Cross. Managed 2 Assistive Tech & 2 Agri Tech Projects • Repeated Speaker in News channels including Regional Channels like Dhina Thandhi and Articles on The Hindu		
Coordinator Sahaay, CFI May '22 - Mar '23	• Lead and managed a team of 5 in Project Vision, one of the only 2 CFI Projects pre-incubated with Nirmaan • Delivered crisp one-minute pitches for Vision at venues like G20 and the CSR⁷ Summit for our Finance Minister • Taught a paid Machine Learning & Neural Networks workshop for an audience of 100+ with live demo & slides		
Coordinator Music Club, Saarang May '22 - Mar '23	• Transitioned 15 music events into offline mode with attendance of over 500+ , handling a budget of INR 2L+ • Selected and led a group of 10 Deputy Coordinators facilitating a two-fold increase in productivity of the team • Worked with several types of live sound equipment & audio technology for organizing the live events & shows		
Extra-Curricular			
Guitarist for Music Contingent at Inter IIT		Won IIMB's Unmaad, 3rd in Mood Indigo, Played Ticketed Show	Total Revenue ₹2L+
Music Guitarist, Bassist, Pianist, Composer	• Represented the IIT Madras Music Contingent at 25+ fests & events including Inter IIT , winning 2L+ in prizes • Guitarist of Semitone, a Semi-Pro band; did a live gig & sold out INR 15k+ ; 1st in Unmaad ; 3rd in Mood Indigo • Graduated Trinity Guildhall's Grade 4 in Music Theory with Distinction and Grade 3 in Piano with Distinction • Composed a 2 minute-long piece for mixed orchestra , recorded it with an Online Orchestra & released online • Opened the show for Professionals including Masala Coffee & Guitar Prasanna in Malls and Open Air Theaters • Produced music for promotional video of the "Unity" Clinical Study about techniques against risks of COVID-19		
Ultimate Frisbee	• Reserve Player in the Institute Team. Have attended 10+ City-Wide programs with Institute Team called "Saints"		
Class Representative	• Represented the views of a class of 154 Students and a batch of 1200+ students in meets and Institute forums • Represented Students-view & aided the Head of Department with Academic Restructuring of EE Curriculum		
Saathi Mentor	• Mentored & guided 5 Freshmen with understanding the Institute Cocurricular and Extracurricular Opportunities		
Volunteering	• Forefront of Student Group that aided Dean of Students on improving Safety Measures for Women on Campus		