

# ANUSHA ANAND

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## Experience

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**Intern, BrahMos Aerospace Pvt Ltd (DRDL-DRDO), Hyderabad** June 2025 - July 2025

- Researched and documented the **Design of Airborne Thermal Conditioning Systems**, focusing on power conversion, control mechanisms, and system stability
- Developed a comprehensive technical report summarising findings and design considerations

**Skills:** Electrical Machines, Power Electronics, Embedded Systems

## Projects

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**Posture Monitoring and Support System** Feb 2025 - Apr 2025

- Developed a wearable posture correction belt that incorporates real-time monitoring capabilities, haptic feedback, and an accompanying web dashboard for posture tracking

**Smart Plug with Energy Redirection** Jan 2025 - Apr 2025

- Developed a logical prototype of an intelligent plug that prevents overcharging by redirecting surplus energy to a supercapacitor

## Educational Qualifications

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**G Narayanamma Institute of Technology and Science, B. Tech. in Electrical and Electronics Engineering** 2023 - Present

- CGPA: 8.65/10 (cumulative of 5 semesters)

**Sri Chaitanya Junior College, Hyderabad, (TSB) Intermediate** 2023

- Result: 9.5/10

**Bharatiya Vidya Bhavan's Vidyashram, Hyderabad, CBSE Class X** 2021

- Result: 9.02/10

## Skills and Extra-Curricular Activities

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### Skills

- **Programming:** Python, C++ (Basic), MATLAB
- **Tools:** Tinkercad, Proteus, KiCad (Basic), Canva, AutoCAD (Basic)
- **Core Electrical Knowledge :** Control Systems, Power Systems, Electrical Machines, Power Electronics, Analog & Digital Electronics, Embedded Systems (Basic)
- **Soft Skills:** Interpersonal Skills, Leadership, Adaptability, Organizational Skills, Collaboration, Event Management, Creativity, Multidisciplinary Approach
- **Languages:** English, Hindi, Telugu (Basic), German (CEFR Level A1), Korean (Reading & Writing Only)

### Extra-Curricular Activities

- **Social Work:** Student Volunteer at GNITS Rotaract, *Rotary District 3150*
- **Participation:** Have participated in Model United Nations(MUN), Mock Parliament 2024, Hackathons and Ideathons, represented the college at **IIT Bombay** during **Mood Indigo'25** fest, co-ordinated IEEE International Conference on Emerging Computing and Intelligent Technologies (**ICoECIT 2026**), and Sports Representative of my Class
- **Freelancing:** Freelance writer for the valedictory magazine of **WLC'24 (Women's Leadership Conclave, Flagship event of GNITS)** and **TEJASYA'25** (Souvenir Magazine highlighting key technical accomplishments of the college)

## Positions of Responsibility

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**Finance Secretary, Literaria Clava: *Literary Society of GNITS*** Jul 2025 - Present

- Oversaw budgeting and financial records for several club events, such as Treasure Hunt, GNITS-MUN'26, Winter Fest, and an inter-college competition held in partnership with BPP University, London.

**Public Relations Team Coordinator, IEEE: *Student Branch GNITS*** Jun 2025 - Present

- Contributed to event promotion, content creation, and outreach during IEEE Student Branch induction week, followed by the College's TechFest **TEJASYA'25** and IEEE International Conference on Emerging Computing and Intelligent Technologies (ICoECIT-2026), co-sponsored by IEEE Hyderabad Section

**Secretary, Institute of Engineers India: *IEI Student Chapter at GNITS*** Oct 2024 - Jul 2025

- Coordinated **2** technical club events during the Tech-Fest **NEXORA'25** and the club's **Ideathon'24**

**Assistant Editor Coordinator, Student Council: *Apex Student Body of GNITS*** Sep 2024 - May 2025

- Coordinated and produced over **5** newsletters for the college under the Student Council's Editorial Board

## Achievements

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- **Secured Runner-Up position** at the **CognitiveX Gen-AI Hackathon 2025** competing against 140+ teams by developing *EchoVerse 2.0*, an AI-powered storytelling and learning companion integrating speech modulation, narration control, and accessibility features
- **Secured Top position** in the **Technical Debate** at TEJASYA'25, the college tech fest, recognising excellence in technical knowledge and communication skills
- **Achieved 7th place** among 21 teams at the **Women's Leadership Conclave'25 Ideathon**, presenting *EqualVest*—an innovative mentorship platform promoting gender equity by mandating male entrepreneurs to mentor female founders
- **Received a Verbal Mention** as the Vietnamese delegate in the **UNHRC Committee at GNITS-MUN'25**, highlighting skills in diplomacy, negotiation, and policy debate during **my debut MUN**.
- **Advanced to the national round** of the **INCA National Map Quiz 2019**, ranking among the top 50 teams nationwide and showcasing strong cartographic and geographic knowledge.