 Sugali Rahul Naik

**B.E. - Electrical & Electronics Engineering**

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**BRIEF SUMMARY**

Skilled in designing, developing, and maintaining electrical systems and electronic devices. Proficient in circuit design, signal processing, embedded systems, and power distribution. Strong foundation in both hardware and software integration, with hands-on experience in troubleshooting, testing, and project implementation.

**KEY EXPERTISE**

Good at my core concepts

Adaptable to any situations

Good in problem solving skills

Strategic Thinking

Innovative

**EDUCATION**

10th

2019

**Sree Vinaya Sree Vidyanikethan E/M High School**

2021

| Intermediate | Percentage: 65.8 **/ 100**

12th

**Sri Venkateswara Junior Collage, Ballari**

2022 - 2026

**Ballari Institute of Technology and Management**

B.Tech. - Electrical & Electronics Engineering | Percentage: 84.5 **/ 100**

| State | Percentage: **93 / 100**

**PROJECTS**

**Wind Powered Smart Street Light**

**Mentor:** Prof. Parvathi | **Team Size:** 4

**Key Skills:** Wind Energy Conversion Smart automation

I was the team leader for this project. Designed a cost-friendly, eco-friendly system utilizing a wind turbine (DC motor/generator) to capture wind energy and store power in rechargeable batteries for LED street lighting. Incorporated LDR sensors for automatic operation, ensuring activation only in low-light conditions (nighttime), cutting down power usage by 50%. Modeled a power distribution network with transformers and transmission structures to illustrate an adaptable setup for isolated areas. Integrated renewable energy collection, smart automation, and advanced power storage to present a sustainable solution for modern urban illumination.

**IMs**

**WhatsApp -** +91 7672037795

**PERSONAL DETAILS**

**Gender:** Female

**Marital Status:** Single

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**Email:** [ushapaul2326@gmail.com](mailto:ushapaul2326@gmail.com) **Date of Birth:** 23 May,2004 **Phone Number:** +91-7378544054