


## Profile

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|------------------------------|--|---|
| <b>Name of the Faculty</b>   | Mrs. BODDIREDDY SRUJANA  |  |
| <b>Designation</b>           | Assistant Professor  |   |
| <b>Department</b>            | EEE  |   |
| <b>Area of Interest</b>      | Power System   |   |
| <b>Subjects Taught</b>       | Power System Analysis, Power System – I, Electrical Machines-I<br>Electrical Machines-II, Basic Electrical Engineering, Power System II, Renewable Energy Sources, HVDC Transmission<br>High Voltage Engineering |   |
| <b>JNTUH Registration Id</b> | 8021-160310-190401   |   |
| <b>College Staff Code</b>    | SC 1939  |   |
| <b>Official Mail</b>         | bsrujana.eee@gcet.edu.in   |   |

### Educational Qualifications:

| <b>S. No.</b> | <b>Degree</b> | <b>Specialization</b> | <b>University/College</b>                                 | <b>Year</b> |
|---------------|---------------|-----------------------|---|-------------|
| 1             | M-Tech        | Power Electronics     | JNTUH/ Mother Theresa College of Engineering & Technology | 2015        |
| 2             | B-Tech        | EEE                   | JNTUH/ Sindhura College of Engineering & Technology       | 2009        |

## **Publications Details :**

| <b>S. No.</b> | <b>Publication details</b>   |
|---------------|--|
| 1.            | Srujana Boddireddy, and Kalagotla Chenchireddy. "Electric vehicle charging and temperature monitoring system." 2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC). IEEE, 2024. |
| 2.            | Srujana Boddireddy, et al. "Comparative Study of CHB and RDC Multilevel Inverter Topologies." 2024 4th International Conference on Soft Computing for Security Applications (ICSCSA). IEEE, 2024.                          |
| 3.            | Srujana Boddireddy, et al. "Battery temperature monitoring system using Arduino." Int J Adv Appl Sci 14.1 (2025): 53-59.   |

## **Experience:**

|                         |         |
|-------------------------|---------|
| <b>Teaching</b>         | 8 YEARS |
| <b>Industry</b>         | NIL     |
| <b>Research</b>         | NIL     |
| <b>Total Experience</b> | 8 YEARS |