## Faculty Profile



NAME : **MUTHYALA MAHESH**

DESIGNATION : **ASSISTANT PROFESSOR**

DEPARTMENT: **EEE**

DATE OF BIRTH : **06-02-1992**

DATE OF JOINING : **20-01-2021**

EMAIL ID : **muthyalamahesh38@gmail.com**

EMPLOYEE ID: **:1501**

## Basic Information:

## Academic Profile:

| Qualification | Name of the Board/University | YEAR |
|---|---|---|
| SSC | A. P. State board | 2008 |
| INTERMEDIATE | SRI CHAITHANYA JR. COLLEGE | 2010 |
| B. TECH | NBKRIST | 2014 |
| M.TECH | JNTU-ANANTHAPUR | 2019 |

## Research Details:

| | | |
|---|---|---|
| 1. Areas of Specialization : | | POWER SYSTEM |
| 2. No. of Publications : | | 03 |
| 3. Awards Received : | | |
| 4. Research Guidance | | |
| | No. of PhD Guided: | |
| | No. of MTech. Guided: | |
| | No. of B.Tech. Guided: | 05 |
| 5. Details of Professional Membership: | | |
| 6. Subjects Taught : | | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING, CONTROL SYSTEMS, POWER SYSTEM ANALYSIS, NETWORK ANALYSIS, UTILIZATION OF ELECTRICAL ENERGY, POWER SYSTEMS-I, ELECTRICAL CIRCUIT ANALYSIS-II |

## Publication Details:

| Title | Publisher | Published Year |
|---|---|---|
| Synchronous Flux Weakening Control with Flux Linkage prediction for Doubly-Fed Wind Power Generation Systems | SCOPOUS-IJRTE | 2019 |
| Power Loss Reductions and Voltage profile improvement through Fuzzy and AO algorithm for effective system operation by optimal placement of UPFC | E3S Web of Conferences-ICSGET | 2024 |
| Management and Control of a Fuel Cell, Solar Photovoltaic, and Battery Energy Storage System Linked to a DC Nano Grid | E3S Web of Conferences-ICSGET | 2025 |