



# Mr. Sheri Abhishek Reddy

## Assistant Professor



Education Qualifications: Master of Technology (Electrical Engineering)  
Specialization: Power Systems

### ADDRESS:

- E – Block -Room No 508

### JNTUH ID:

2315-0406-124328

### EMAIL:

sabhishekreddy\_eee@mgit.ac.in

### DATE OF JOINING:

20-06-2012

### EXPERIENCE - 10 Years

- Teaching - 10

### SUMMARY:

- Publications - 1
- Conferences - 4
- Patents – 1

### EVENTS:

- Organized - 0
- Attended - 07

### LET'S MEET ON SOCIAL:

- <https://www.facebook.com/sheri.abhi>
- [www.instagram.com/sheriaabhi/?hl=en](http://www.instagram.com/sheriaabhi/?hl=en)
- <https://www.linkedin.com/in/sheri-abhishek-reddy-4743b637/?originalSubdomain=in>

### Membership of Professional Bodies

1. Life Member of Indian Society for Technical Education (ISTE)LM 97304.
2. Member – CIGRE

### Responsibilities Held at Institution Level

1. Member – Co-curricular and Extra Curricular Activities Committee
2. Member – Publicity Committee

### Responsibilities Held at Department Level

1. In charge - Electrical and Electronics Design Lab
2. Member – Industrial Visits and Tours
3. In charge - Departmental Meetings

### Honors/Awards Received

Recipient of UGC Travel Grant in 2018 to present paper in CIGRE Young Members Conference held in Paris in August – September 2018

### Courses Handled at Undergraduate /Post Graduate Level

**UG:** Electrical Machines I, Electrical Machines II, Power Systems I, Power Systems II, Electrical Distribution Systems, Non-conventional Energy Sources, Basic Electrical Engineering

### Publications

1. Sheri Abhishek Reddy, "Mitigation of Switching Overvoltages in UHVAC System", CIGRE India Journal, Year: 2019, Volume: 8, Issue: 1, First page: (25) Last page: (28), Print ISSN: 2250-0081., Online ISSN: 2250-009X.

### Conferences

1. Sheri Abhishek Reddy, "Modelling Suggestions for UHVAC Transmission Line in PSCAD", NCHVET - 2022, CPRI, Hyderabad, 25<sup>th</sup> February 2022.
2. Sheri Abhishek Reddy, "Risk of Failure of 1200kV Transmission Line" CIGRE Young Members Conference, Paris, 26 – 31 August 2018.
3. Sheri Abhishek Reddy "Radioactive Waste Management Using Electrochemical Techniques" DST- Sponsored National Conference on Sustainability through Chemical and Biological Sciences, Organized by Dept. of P&C, MGIT, Hyderabad. 19-20 March 2015.
4. "Review of Electrical Energy Storage Techniques for Renewable Energy Integration" National Conference on Sustainability, Energy and Environment, 1 -2 August 2013

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**Patents**

1. Patent on “Machine Learning based Battery Management System for Optimized EV Performance” was published on 23-04-2021; Indian Patent No.: 202141017715 A

**Events Attended****FDPs/STTPs:**

1. One-week Faculty Development on “SCILAB-An Open Source Substitute for MATLAB” 25<sup>th</sup> to 31<sup>st</sup> May 2020, JNTUH College of Engineering Sultanpur, Sangareddy, Telangana.
2. One Week Online FDP on “AI, Machine Learning, IoT & Big Data Applications in Power Electronics and it's Allied Areas”, 1<sup>st</sup> to 6<sup>th</sup> June 2020, Gokaraju Rangaraju Institute of Engineering and Technology
3. One-week online Faculty Development Program on “Recent Trends in Power Systems”, 22<sup>nd</sup> June to 26<sup>th</sup> June 2020, Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji).
4. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "State of the art applications and research areas in high voltage engineering (RAHVE-2021)" from 2021-07-05 to 2021-07-09 at National Institute of Technology Calicut.
5. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Block Chain Technology: Current Trends and future aspects in Smart Grid" from 2021-7-12 to 2021-7-16 at Gyan Ganga Institute of Technology and Sciences.

**Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:**

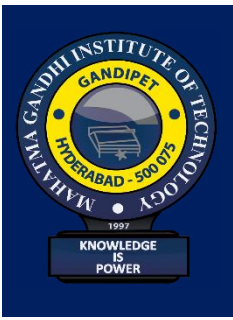
1. Refresher Course on “E-mobility and Battery Charging” 09.12.2021 to 15.12.2021 by Gayatri Vidya Parishad College of Engineering for Women.
2. Refresher Course on “Real Time aspects of Automation in Industry – Need of the Hour” 03.01.2022 to 08.01.2022 by G Pulla Reddy College of Engineering.

**Online Certifications****1. Coursera Courses**

- i. Electrical Power Systems
- ii. Natural Gas
- iii. Safety in the Utility Industry
- iv. Energy: The Enterprise
- v. Energy Production, Distribution & Safety
- vi. Introduction to Solar Cells

**2. MATLAB Online Certification Courses**

- i. MATLAB Onramp
- ii. Simulink Onramp
- iii. Machine Learning Onramp



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**3. IEEE Professional Development Certification**

- Integrated Power Delivery and Management for High-Performance Digital Systems
- Packaging and Integration Technology in Wide Band-gap Devices based Power Electronics Converters
- How to Publish Research in the IEEE Transactions and Journal

**4. Tata Steel Learning Courses**

- Power System Power Cables
- Power Systems Earthing
- Basic Metallurgy
- Primary Steel Making

**Any Other Contribution**

1. Bus In charge – Hayathnagar ; Route No. 43