

B. Narsimha Reddy

Assistant Professor

Education Qualifications: Master of Technology
Specialization: Power Systems-High Voltage Engineering



ADDRESS:

- E – Block -Room No:107

JNTUH ID:

43150406-155518

EMAIL:

bnreddy_eee@mgit.ac.in

DATE OF JOINING:

05-01-2003

EXPERIENCE - 18 Years

- Teaching -18

SUMMARY:

- Publications - 7
- Conferences - 6

EVENTS:

- Attended - 40

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

Responsibilities Held at Institution Level:

1. Member in MGIT maintenance
2. Electrical Maintenance Incharge

Responsibilities held at department level:

1. Electrical Machines Lab-II - Incharge
2. Mentor for 20 students of EEE(2019-23 batch)

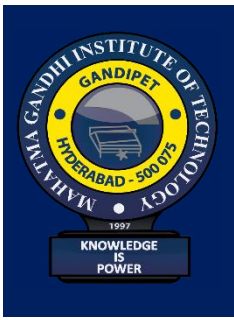
Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** Electrical Machines-III, Electrical Machines-II, Electrical Machines-I, Power Systems-I, Power Systems-II, Electrical Distribution Systems, Extra High Voltage Engineering, Basic Electrical Engineering, Electrical Technology..
2. **PG:** Non-Conventional Energy Sources

Publications:

International Journals:

1. An International Journal on "AN EFFECTIVE USAGE WITH MULTICARRIER PWM TO FIVE-LEVEL REDUCED-SWITCH-COUNT BOOST PFC RECTIFIER" in IJCRT JOURNAL, ISSN NO : 2320-2882, VOLUME 9, ISSUE 6, June 2021.
2. An International Journal on "ADVANCED TECHNIQUE WITH NINE IGBTs FOR THREE-PHASE THREE-LEG AC/AC CONVERTER" in IJCRT JOURNAL, ISSN NO : 2320-2882, VOLUME 9, ISSUE 5 May 2021
3. An International Journal on " FLC BASED CONTROL SCHEME FOR A STAND ALONE PV SYSTEM WITH POWER QUALITY IMPROVEMENT FEATURES" in IJAEMA JOURNAL, ISSN NO : 0886-9367, Volume - XIII, Issue IV, April 2021
4. An International Journal on " SECURE AND ADVANCED VULNERABILITY ANALYSIS FOR THE AUTHENTICATION" in IJCRT JOURNAL, ISSN NO : 2320-2882, Volume - 9, Issue 4 April 2021
5. An International Journal on " VOLTAGE PROFILE ENHANCEMENT OF 400KV TRANSMISSION LINE BY USING TCSC" in Aegaeum Journal, ISSN: 0776-3808 Volume 8, Issue 6, June 2020
6. An International Journal on " VOLTAGE SAG COMPENSATION OF TRANSMISSION LINE SYSTEM BY USING THYRISTOR CONTROLLED SERIES CAPACITOR " in IJAREEIE JOURNAL, ISSN (Online): 2319-8753,ISSN (Print): 2347-6710, Volume 9, Issue 6, June 2020,Page No.4672
7. An International Journal on "MITIGATION OF HARMONICS BY USING SHUNT HYBRID ACTIVE POWER FILTER IN 3-PHASE



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4-WIRE SYSTEM” in IJAREEIE JOURNAL, e-ISSN: 2278 – 8875, p-ISSN: 2320 – 3765, Volume 9, Issue 6, June' 2020, Page No. 1443.

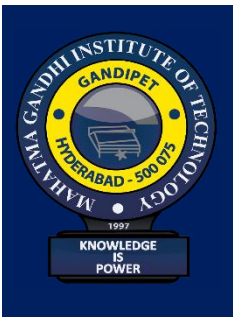
Conferences:

1. **Presented a paper on “Cataloging of Power System Faults using WT and PNN” in International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE 2015) at MRECW on 3rd & 4th July, 2015.**
2. **Presented a paper on “Analyzing the Wavelet Multi Resolution based Faults Exploration on Power System Transmission Line” in International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE 2016) at MRECW on 19th & 20th August- 2016.**
3. **Presented a paper titled “Analysis and Evaluation of Battery Operated Vehicles” in National Conference on Recent Trends in Electrical Engineering at MGIT, Hyderabad on 28th and 29th February 2020.**
4. **Presented a paper titled “Multi Boost Converter in Hybrid Vehicles for Super Capacitor and Battery Power Management” in National Conference on Recent Trends in Electrical Engineering at MGIT, Hyderabad on 28th and 29th February 2020.**
5. **Presented a paper titled “Application of Artificial Intelligence Techniques to Power Generating Stations” in National Conference on Recent Trends in Electrical Engineering at MGIT, Hyderabad on 28th and 29th February 2020.**
6. **Presented a paper titled “Implementation of Energy Auditing and Energy Conservation Techniques in Thermal Engineering Stations” in National Conference (NCDATES 2015) at CMREC on 9th & 10th January 2015**

Events Attended

FDPs/STTPs:

1. One Week Virtual FDP on "Research Challenges, opportunities in Smart Grid with Integration of Electric Vehicles" during 08-10-2021 to 12-10-2021 Organised by Department of EEE, VEMU Institute of Technology, P.Kothakota, Chittoor(Dist.) A.P.
2. Online National Level FDP on "Materials for Photonic Applications" during 09-08-2021 to 13-08-2021 Organised by MGIT, Hyd.
3. One Week online STTP on "Design and Technology Aspects of Off-grid & Grid Connected roof top Solar and Bio-Energy (operation & Maintenance)" during 22.03.2021 to 27.03.2021 Organised by Department of EEE, St. PETER's Engineering College.
4. Five Days online FDP on "Advances in Robotics, AI & Industry 4.0" during 16.03.2021 to 20.03.2021 Organised by Department of EEE, Coimbatore Institute of Technology.



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- <https://twitter.com/MGITHyderabad>

5. One Week National Level FDP on "Real Time Aspects of Power System Scenario" during 06-07-2020 to 10-07-2020 Organised by Department of EEE, MGIT.
6. One Day National level online FDP on "Controller Hardware –in-the-Loop Simulation: Tool for Future Electrical Engineers" on 24.06.2020 Organised by Department of EEE, MGIT.
7. Five Days online STTP on "Recent Trends & Challenges in Smart Grid Technology" during 17.08.2020 to 21.08.2020 Organised by Department of EEE, Sri Ramakrishna Engineering College, Coimbatore.
8. A Short Course on "Learn to Design your own Solar Home System" on 05.08.2020 Organised by Energy Literacy Drive of the Energy Foundation in Association with MGIT.

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

1. AICTE-ISTE approved Orientation/Refresher Programme on "Recent Trends in Mechatronics" during 18.03.2021 to 24.03.2021 Conducted by KITS, Telangana.
2. Two Day Workshop on "Adoption of Teaching and Learning" during 05.07.2017 to 06.07.2017 Organised by Department of IT, MGIT, Hyderabad in association with Swecha Academic Chapter

Online Certifications:

1. COURSERA - "Solar Energy Basics" on 20 May 2021.
2. COURSERA - "Increase SEO Traffic with WordPress" on 26 Mar 2021.
3. COURSERA - "Custom Reports in Google Analytics" on 31 Mar 2021
4. COURSERA - "Linear Circuits 1: DC Analysis" on 1 Jan 2021.