

Mrs.P.Veera Bhadra Kumari

Assistant Professor



Education Qualifications: M.E
Specialization: Electronic Instrumentation

ADDRESS:

- E- Block -604

JNTUH ID:

79150406-072550

EMAIL:

pvbkumari_eee@mgit.ac.in

DATE OF JOINING:

15-09-2003

EXPERIENCE – 18 Years

- Teaching - 18

SUMMARY:

- Publications - 6
- Conferences - 2

VENTS:

- Organized - 2
- Attended - 40

Membership of Professional Bodies:

1. Member of IEEE
2. Life Member of ISTE

Responsibilities Held at Institution Level:

1. Member of Ranking and Accreditation Cell Committee

Responsibilities Held at Department Level:

1. Lab In-charge for “Power Electronics Lab”
2. Lab In-charge for “Microprocessors & Microcontrollers Lab”
3. Mentor
4. Co In-charge for “Guest Lectures”
5. In-charge for Department Staff Leaves
6. Seminar Coordinator

Courses Handled at Under Graduate /Post Graduate Level:

UG: Power Electronics, Power Semiconductor Drives, Electromagnetic Field Theory, Microprocessors & Microcontrollers, Control Systems, Neural Networks & Fuzzy Logic, Electrical Measurements, Instrumentation

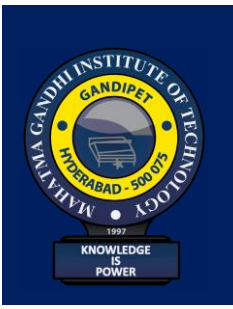
PG: Power Electronic Converters

Publications:

1. P. Veera Bhadra Kumari & N. Madhuri, ‘Analysis of PV Cell fed Cascaded H-Bridge Multilevel Inverter using PD and POD PWM’ in International Journal of Electrical Engineering and Technology (IJEET), Volume 12, Issue 4, April 2021
2. N. Madhuri & P. Veera Bhadra Kumari, ‘Isolated Half Bridge DC-DC Converter using Soft Switching PWM’ in International Journal of Electrical Engineering and Technology (IJEET), Volume 12, Issue 6, June 2021
3. N. Madhuri & P. Veera Bhadra Kumari, ‘A Novel ZCS Buck Converter for Rechargeable Batteries’ in Journal of Information and Computational Science, Volume 11, Issue 3, June 2021
4. P. Veera Bhadra Kumari & N. Madhuri, ‘Soft Switching of Full Bridge DC-DC Buck Converter’ in IJREAM, Vol. 6, Issue 1, April, 2020
5. N. Madhuri & P. Veera Bhadra Kumari, ‘Soft switching of buck converter with coupled inductor’ in IJREAM, Vol. 6, Issue 1, April, 2020
6. P. Veera Bhadra Kumari & N. Madhuri, ‘Power Quality Improvement using Nine Switch UPQC’ in AEGAEUM Journal, Vol. 8, Issue 6, June 2020

Conferences:

1. P. Veera Bhadra Kumari & N. Madhuri, ‘Isolated Bidirectional DC-DC Converter with ZVS-ZCS’ in National Conference on Recent Trends in Electrical Engineering at M.G.I.T on 28th and 29th February 2020
2. N. Madhuri & P. Veera Bhadra Kumari, ‘Coupled Inductor based ZCS-ZVS Buck Converter’ in National Conference on Recent Trends in Electrical Engineering at M.G.I.T on 28th and 29th February 2020



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Events Organized:

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

1. Convenor, Potenza'15, National Level Technical Symposium
2. Co-Convenor, Potenza'13, National Level Technical Symposium

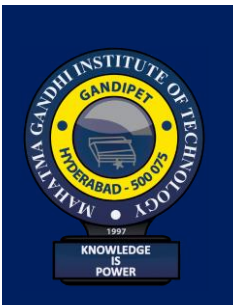
Events Attended:

FDPs/STTPs:

1. ATAL FDP on "Recent Trends in Electric Vehicles" from 5-7-2021 to 9-7-2021 at National Institute of Technology, Arunachal Pradesh
2. ATAL FDP on "Novel Applications of Waste Technology Systems for Sustainable future" from 2-8-2021 to 6-8-2021 at M S RAMAIAH INSTITUTE OF TECHNOLOGY
3. Online Solar Photovoltaic Training Programme organized by Advit Foundation from 09th August 2021 to 05th September 2021
4. FDP on "Intellectual Property Rights and Patent Filing" at MGIT, Hyderabad on 11-09-2020 & 12-09-2020
5. FDP on "ICT Tools for Teaching, Learning process and Institute" by Ministry of Electronics and Information Technology, Govt. of India from 10-08-2020 to 21-08-2020
6. STTP on "Trends and Challenges of Hybrid Electric Drive Utilities in Transport Sector" by CBIT, Hyderabad from 3-08-2020 to 8-08-2020
7. FDP on "Recent Advances in Renewable Energy & Energy Efficiency Technologies" by MGIT, Hyderabad from 21-07-2020 to 25-07-2020
8. FDP on "Real Time Aspects of Power System Scenario" by MGIT, Hyderabad from 6-07-2020 to 10-07-2020
9. FDP on "ELECTRIC POWER GRID MODERNIZATION TRENDS, CHALLENGES and OPPORTUNITIES" by KKR & KSR Institute of Technology and Sciences, Guntur from 9th to 13th June 2020
10. FDP on "DESIGN OF SOLAR PV SYSTEM USING PVSYS SOFTWARE" by Vaagdevi College of Engineering from 9th to 13th June 2020
11. FDP on "Recent Trends in Electrical Engineering" by Vishnu Institute of Technology, Bhimavaram from 8th to 12th June 2020
12. FDP on "Effective Technical Report Writing using LaTeX" by M.G.I.T, Hyderabad from 8th to 9th June 2020
13. FDP on "Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles" by Bapatla Engineering College, Bapatla from 1st to 5th June 2020
14. FDP on "SCILAB - An Open Source Substitute for MATLAB" by JNTUH College of Engineering, Sultanpur and Spoken Tutorial Project, IIT Bombay from 25th to 30th May 2020
15. FDP on "Research opportunities in Electrical Engineering and its applications" by P.S.R. Engineering College, Sivakasi from 18-05-2020 to 23-05-2020
16. FDP on "AI for COVID-19 Data analysis and deep learning" by EduxLabs from 20-04-2020 to 24-04-2020

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

1. Workshop on "National Institutional Ranking Framework" by UGC-HRDC on 6-02-2021
2. Workshop on "Role of Technical Institutions to adapt the National Education Policy" by UGC-HRDC on 30-01-2021
3. Webinar on "wireless Energy Future for India and the Role of Electrical Vehicle in Micro Grids" by St. Joseph's College of Engineering, Chennai on 8-08-2020
4. Short Course on "Learn to design your own Solar Home system" by Energy Swaraj Foundation on 2-08-2020
5. Webinar on "Power System Scenario" by MGIT on 29-07-2020



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6. Webinar on “Recent trends in Power Management Strategies for Optimal Operation of Distributed Energy Resources in Microgrids” by MGIT, Hyderabad on 28-07-2020
7. Webinar on “Hands-on working with E-Tap. Modules: Draw SLD, Load Flow and Fault Current Study” by MGIT, Hyderabad on 26-07-2020
8. Workshop on “Free and Open source Alternative for Web Conferencing and Teaching- Learning” by MGIT, Hyderabad on 15-07-2020 & 16-07-2020
9. Workshop on “Yoga - A Science of Breath and Meditation for Subtle Energy Channelling” by MGIT, Hyderabad from 6-07-2020 to 10-07-2020
10. Workshop on "Education 4.0 season-II" by IQAC,Atharva College of Engineering, Mumbai from 28th -30th May, 2020

online Certifications:

1. E-learning program on “Power Systems Earthing” on 23rd Apr 2020 organized by Capability Development, TATA Steel
2. E-learning program on “Power Systems Protection” on 21st Apr 2020 organized by Capability Development, TATA Steel
3. NPTEL Course on “Fundamentals of Electric Drives” from July to September 2019 (8 Weeks) organized by NPTEL – AICTE, sponsored by Ministry of HRD, Govt. of India
4. NPTEL online certification course on ”Advance Power Electronics and control” , Jan-Mar, 2019 organized by IIT, Roorkee, sponsored by Ministry of HRD, Govt. of India