

Mr. K.Vamshi Krishna Varma

Head Training & Placements, Assistant Professor



Education Qualifications: M.Tech
Specialization: Power Electronics

ADDRESS:

- D – Block -Room No -003

JNTUH ID:

1499-181111-152809

EMAIL:

kvkvarma_eee@mgit.ac.in,
placements@mgit.ac.in

DATE OF JOINING:

13-12-2018

EXPERIENCE - 21 Years

- Industry - 13
- Industry -8

SUMMARY:

- Publications - 3
- Conferences - 5

EVENTS:

- Organized - 120
- Attended - 30

Membership of Professional Bodies:

1. Indian Society for Technical Education Life Member (ISTE)
2. Member of IEEE

Responsibilities Held at Institution Level:

- a. Working as a Training & Placement Head.
- b. Interacting with various Companies & getting best placements to the students.
- c. Member of anti-ragging committee to make sure that there is no ragging activity in the campus.
- d. Guiding the students Technically.
- e. Motivating the students to fulfill the carrier opportunities.
- f. Guiding students to get best internships.
- g. Working with MNC's to get MOU's for building Technical competency.

Responsibilities Held at Department Level:

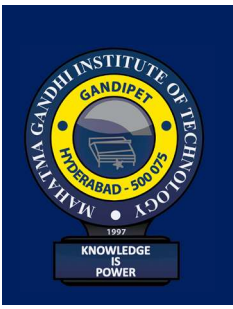
1. Continuously updating files for AICTE, NBA, Autonomous and NAAC.
2. Organizing various trainings (technical side on latest technologies) to the students & getting various product & services companies.
3. Trainings on Power Plant Simulator development, ASIC, FPGA, ARM Processors, DSP, Linux device drivers, Digital Camcorder development, Windows drivers, MAC OS X, Bluetooth, TCP/IP stacks, Wi-fi, 3G & 4G technologies, AI, ML, UI/UX
4. Interacting with Alumni & external industry officials to organize various trainings.
5. Constantly mentoring the students for the academic growth & Carrer growth.
6. Providing various non-technical trainings.

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** Sessions on various latest technologies to meet industry requirements
2. **PG:** Sessions on various latest technologies to meet industry requirements

Publications:

1. Varma, K.V.K., Ramkumar, A., “**Implementation of SPV-powered water pumping system using non-isolated SC converter topology**” in *Springer Electrical Engineering*, ISSN 0948-7921, DOI 10.1007/s00202-020-01170-9 SCI (Impact Factor:1.180)
2. Kshatriya Vamshi Krishna Varma, A. Ramkumar, “**A Performance Investigation of Proposed High-Voltage Boost (HVB) DC-DC Converter Fed BLDC Pumping System Using ANFIS**”

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Controller” in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-ICETESM, March 2019(Scopus indexed)

3. Kshatriya Vamshi Krishna Varma, A. Ramkumar, “**A Novel M-SEPIC DC-DC Converter for BLDC Pumping System with Active PFC using ANFIS Controller**” in *Indonesian Journal of Electrical Engineering and Computer Science* Vol. 11, No. 1, July 2018, pp. 386~399 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v11.i1.pp386-399(Scopus indexed)

Conferences:

1. Kshatriya Vamshi Krishna Varma, A. Ramkumar, K.Rajesh, “**Grid Integrated Eco-Friendly Pumping System for Active PFC Using Interleaved Boost Converter (IBC) Topology**” in International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development, INCCES 2019, art. no. 9167711, DOI: 10.1109/INCCES47820.2019.9167711(Scopus indexed)
2. Kshatriya Vamshi Krishna Varma, Kalahasti Sirisha and A. Ram Kumar, “**A New Switching Pattern Scheme-Based Compact Integrated 15-Level Smart Inverter for Micro-grid System Using Fuzzy Logic Controller**” in *(2018) Lecture Notes in Electrical Engineering*, 435, pp. 237-248. DOI: 10.1007/978-981-10-4286-7_23(Scopus indexed)
3. Proceedings of TEQIP-II Sponsored International Conference on Contemporary Topics in Power Engineering and Aiding Technologies (ICCPEAT'2017), 24th - 25th, February, 2017, Puducherry, INDIA. PERFORMANCE ANALYSIS AND CORROBORATION OF IMPROVED ELECTRONIC BALLAST FOR FLUORESCENT LAMP
4. IEEE-ICCPCT2014 (Scopus Indexed & IEEE Xplore Digital Library) Optimal PWM Strategy for 11-Level Series Connected Multilevel Converter Using Hybrid PV/FC/Bess
5. MAGNETIC PISTON ENGINE (ISSN 2278)-International Journal of Mechanical Engineering.

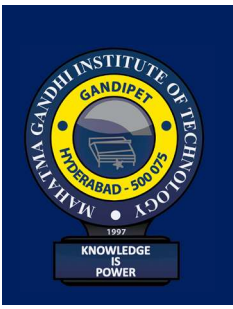
No. of Books/Chapter Published with details:

Events Organized:

FDPs/STTPs:

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

Organized various trainings on Aptitude, Verbal. Reasoning, Soft skills, C,C++, Python, Java, AI.ML , NASSCOM trainings. Embedded systems on various Platforms, softwares, Hardwares & VLSI, power plant simulation, Hardware design, Mobile, Digital camcorders, Bluetooth, RTOS, device drivers, application development (using QT), project management activities (CMM level 5, Six sigma).



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Certifications :

1. 5th Embedded system Conference in Tokyo Japan -2002.
2. Diploma in computer science from ISCT Cuddapah (A.P)
3. Advanced Diploma in Computer hardware Engg JetKing Pune-18(M.S).
4. Advanced Diploma in VLSI Technology by Somaruthu tech, Hyd (AP).
5. Planning, Implementation & Documentation for ISO 9000:2000 from IIQM
6. Microsoft certified professional.
7. Six Sigma breakthrough approach from IIQM Jaipur.
8. Software Quality Assurance from New Delhi.
9. 5th Embedded systems conference in Japan(2002).
10. QT (trolltech) Course in Linux Learning Center, Bangalore.
11. Six Sigma Course in Samsung Electronics India Limited NOIDA (U.P).
12. Award from IIT Chennai for best R & D -2013.