Personal Information

Name	Mr. G Sandeep
Years of Experience	Teaching: 12 Years Industry: 2 Years
Email Id	Sandeep.g@bvrithyderabad.edu.in
Areas of Specialization	Energy Systems

Educational Qualifications

Doctoral Degree	Ph.D.	Pursuing (JNTUK)
PG Degree	M.Tech.	Energy Systems
UG Degree	B.E.	Electrical & Electronics Engineering

Papers Published

International Journal Publications

1. G. Sandeep, Dr. V.S. Vakula, "Implementation of Solar Power DC Distribution lighting system with Intelligent Controller", in International Journal on Future Revolution in Computer Science & Communication Engineering, ISSN 2454-4248, Volume 3 Issue 10, Page 160-162, Oct-2017
2. G. Sandeep, Dr. V.S. Vakula, "Fault Analysis in Multi Terminal Transmission Lines" in International Journal of Electrical, Electronics & Computer Science Engineering, E-ISSN : 2348-2273 || P-ISSN : 2454-1222
3. G.Sandeep, N.Srinivas, K. Damodara Reddy, A.Ramakrishna, K.Venkateswarlu, "Speed Sensorless Sliding Mode Control of Induction Motor Using Simulink" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 6, Issue 2 (May. – Jun. 2013), PP 50-56.
4. G. Sandeep, T.C. Srinivasa Rao, N. Srinivas, "Application of SVM Technique for Three Phase Three Leg Ac/Ac Converter Topology" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 6, Issue 2 (May- Jun. 2013), PP 65-69.
5. G.Sandeep, Y. Prakash, "Knowledge and Skill Key to Economic Growth", Indian Journal Of Management Science (IJMS) e-ISSN:2231-279X, p-ISSN:2249-0280, (April-2013), PP 28-37.

6. G.Sandeep, K. Damodara Reddy, K.Venkateswarlu, N.Srinivas, "Cascaded Multilevel Inverter Based Active Power Filters: A Survey of Controls", IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 6, Issue 1 (May. – Jun. 2013), PP 76-86

International Conference Publications

1. G. Sandeep, Dr.V.S.Vakula, "Optimal Combination and sizing of a stand alone hybrid power system using Homer Pro", International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) **IEEE Catalog"978-1-4673-9939-5/16/$31.00 C 2016,** Mar-2016

FDP's Attended / Conducted

1. Attended 5 day online FDP on "Artificial Intelligence" conducted by BVRITH during 22nd-26th May,2020
2. Attended 2 day workshop on "Research Tool for Advanced Modeling and Analysis of Electrical Utilities" at UCEV, JNTUK during 20th-21st Nov, 2017.
3. Attended 5 day workshop on " Litre of Light" during 12th Oct-16th Oct, 2017.
4. Attended a workshop on "Video Lecture Creation" at VEDIC and created video lecture for the subject power Systems in August 2017
5. Attended one week FDP on "Inseminate Technical Institutes on OBE Competence, R&D and IPR" at GNITS from June 19th-24th, 2017.
6. Attended 2 day workshop on IoT and its Applications in the Field of Engineering during 24th and 25th March 2017.
7. Attended a one week workshop on 'Optimization Techniques in Electrical Systems' at Sri Vishnu Engineering College For Women, Bhimavaram during 7th -12th September 2015.
8. Attended a Three days National Exhibition and Symposium on Innovative & Futuristic Approaches in Science and Technology at MANIT Bhopal as guide for project Automatic Irrigation System Using PV cells during 26th-28th February 2015
9. Attended a Faculty Development Programme on Applications of Mathematics in Engineering Sciences organized by Department of Humanities & Sciences from 21st -22nd June 2013.
10. Attended a three day workshop on PSCAD and DSA tools organized by Department Of EEE, Vardhaman College Of Engineering and NAYAK power systems from 24th-26th October 2013.

Professional Memberships:

ISTE

Certifications

- In **Coursera** during Apr - June 2020:

Inter Disciplinary: AI for Everyone, Arduino Basics and C Programming,Interfacing with Arduino

Core : Electric Power Systems, Natural Gas, Safety in the Utility Industry, Electric Utilities in Fundamentals and Future, Energy The Enterprise, PV Solar Energy, Solar Energy Basics.

- In **MATLAB** during Apr-June 2020:

Inter Disciplinary : Machine Learning Onramp

Core : MATLAB Onramp

- Completed Transformers, Industry 4.0, Power Systems Transmission and Distribution conducted by TATA Steels during Apr -June 2020.
- Completed "Outcome Based Education and Academic Quality Assurance", Python, Substation Engineering and Fundamentals in **UDEMY** during Apr- June 2020
- Completed "Embracing Challenge" in **HARAPPA** on 1st April, 2020.

- In **NPTEL:** Control Systems during May,2018.