

Name: Dr. S. Vijender Reddy

[simarlavijender@gmail.com](mailto:simarlavijender@gmail.com)

ph:9492529697

## Study Details

B.tech: Vidyajyothi Institute of Technology(VJIT)

M.Tech: Jawaharlal Nehru Technological University Hyderabad (JNTUH)

Ph.D : Osmania University(UCE,OU).

**Teaching Experience:** 15 Years

**Number of papers published in journals:** 03

**Number of papers published in Conferences:** 10

**One-week refresher course conducted :**01

**Number of Workshops Attended:** 15.

## Publications

### JOURNALS

- [1].**Simarla Vijender Reddy**, M. Manjula, “Performanace of distribution network by connecting solar and wind DGs” Renewable energy focus, Elsevier, Vol. 48, January 2024.
- [2].**Simarla Vijender Reddy**, M. Manjula, “Reliable and Efficient Operation of Distribution Network by connecting Solar Distributed Generation” International Journal of Applied Power Engineering (IJAPE), Vol. 12, No. 1, pp. 83-89, March 2023.

[3]. **Vijender Reddy. Simarla**, Manjula. M, “Power Loss Reduction and Voltage Regulation in DN with Unbalanced loads by Connecting DG using MOSMA”, International Journal of advanced research in electrical, electronics and instrumentation engineering, Vol. 11, issue 4, pp.1761-1769, April 2022.

## CONFERENCES

[4]. **S. Vijender Reddy**, M. Manjula, “Calculation of Voltages and Power Losses with Multiple DG Units with Change of Load” Springer journal, Advances in Decision Sciences, Image Processing, Security and Computer Vision, pp. 335-344, 2020.

[5]. **S. Vijender Reddy**, M. Manjula, “The Optimal Size of Multiple DG Units in Distribution Network with Change of Load” IEEE-2019 Global Conference for Advancement in Technology (GCAT) Bangalore, India. Oct 18-20, 2019.

[6]. **S. Vijender Reddy**, M. Manjula, “Optimal Planning of Multiple Distributed Generation Units in Distribution Network using Ant Colony Search Algorithm” 2018 IEEE International Conference on Innovative Technologies in Engineering (ICITE) Hyderabad, June 17 -20, 2018.

[7]. **Simarla Vijender Reddy**, M. Manjula, “Voltage Regulation and Power Loss Reduction in DN with DG when load changes using MOSMA” International Conference on Emerging Trends in Engineering (ICETE 2023). Hyderabad, November-09, 2023.

[8]. Vijender Reddy S, Manjula M, “The Optimal Size of Multiple DG Units in Distribution Network with Change of Load” IEEE-2019 Global Conference for Advancement in Technology (GCAT), Bangalore, India, Oct 18-20,2019, pp.1-6.

[9]. Vijender Reddy S, Manjula M, “Calculation of Voltages and Power Losses with Multiple DG Units with Change of Load”, Springer book, Advances in Decision Science, Image Processing, Security and Computer Vision, Learning and Analytics in Intelligent System,2019, Vol.4, pp. 335-344.

- [10]. Vijender Reddy S, Manjula M, Optimal Planning of Multiple Distributed Generation Units in Distribution Network using Ant Colony Search Algorithm, International Conference Innovative on Technologies in Engineering (ICITE-2018)- 11th-13th April, 2018.
- [11]. S.Vijender reddy, Suppression of VFTO in a 400kV GIS using Ferrite ring by EMTP software, International conference on high voltage engineering and technology (ICHVET)- January 29-30,2015,Hyderabad.
- [12]. S.Vijender reddy, Optimal Allocation and Sizing of multiple Distributed Generation in distribution network by Ant Colony Search Algorithm, International conference on emerging trends in Engineering technology and science(ICETETS-2014)- Feb 24-25,2014
- [13]. S.Vijender reddy, Optimal Allocation and Sizing of Distributed Generation in Distribution Network Using Ant Colony Search Algorithm, Fifth international conference on advances in Communication, network , and computing –(CNC 2014)- Feb 21-22, 2014 Chennai, India