

Name: Dr. P. Venkata Kishore Babu

Designation: Assistant Professor

Contact number: +91-863-2288201 & 9491073318

Extension number: 409

Educational qualifications: Ph.D



Ph.D in the Faculty of Electrical Engineering from Acharya Nagarjuna University, Guntur, Andhra Pradesh in the year 2020.

M.Tech in Power Systems Engineering from RVR & JC College of engineering, Guntur, Andhra Pradesh in the year 2012.

B.Tech in Electrical & Electronics Engineering from Narasaraopeta Engineering College, Narasaraopeta, Guntur, Andhra Pradesh in the year 2002.

Diploma in Electrical & Electronics Engineering from SIR.C.R.Reddy Polytechnic, Eluru, West Godavari, Andhra Pradesh in the year 1996.

Teaching Experience: 8 Years

Google Scholar Citations:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=IrOe_08AAAAJ

Scopus Citations: <https://www.scopus.com/authid/detail.uri?authorId=57207314403>

ORCID iD: <https://orcid.org/0000-0002-6454-9604>

Research Gate Citations: https://www.researchgate.net/profile/Venkata_Ponnam

Vidwan Id: <https://vidwan.inflibnet.ac.in//profile/183579/MTgzNTc5>

Patent Applications Published

A Patent application published by Govt. of India on the title "Integrated Monitoring and controlling device for distribution transformer", Patent Application No: 202041050300 A, Date of Filing: 19-11-2020, Publication Date: 11-12-2020.

A Patent application published by Govt. of India on the title "WCNM-Smart City: Waste collection and notification management system for smart city using IOT", Patent Application No: 202041041929, Date of Filing: 28-09-2020, Publication Date: 09-10-2020.

Research work / Research papers published:

Journals:

Venkata K Babu Ponnamp and K. Swarnasri, "Optimal integration of different types of DGs in radial distribution system by using Harris hawk optimization algorithm", Cogent Engineering (Taylor & Francis), Vol. 7, 2020. doi: /10.1080/ 23311916. 2020. 1823156.

Venkata K Babu Ponnamp and K. Swarnasri, " Multi-Objective Optimal Allocation of Electric Vehicle Charging Stations and Distributed Generators in Radial Distribution Systems using Metaheuristic Optimization Algorithms", Engineering, Technology & Applied Science Research, Vol. 10, No.3, pp. 5837–5844, 2020.

Venkata K Babu Ponnamp and K. Swarnasri, " Multi-Objective Optimal Allocation of Electric Vehicle Charging Stations in Radial Distribution System Using Teaching Learning Based Optimization", International Journal of Renewable Energy Research, Vol. 10, No.1, pp. 366–377, 2020.

Venkata K Babu Ponnamp and K. Swarnasri,, "Novel Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, No.4, 2020, pp. 1756–1760, doi: 10.35940/ijitee.D1665.029420.

Padala Navya Meghana, Dr K Swarnasri, Ponnamp Venkata K Babu, "Smart Customer Demand Forecast With Substantial Energy Demand Variability", International Journal of Advanced Science and Technology, Vol. 29, No.7, 2020, pp.8458-8464.

Venkata K Babu Ponnamp and K. Swarnasri, "Adaptive PSO Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System," 2019 IEEE International Conference on Intelligent Systems and Green Technology (ICISGT),Visakhapatnam, India, 2019, pp. 85-854, doi:10.1109/ICISGT44072. 2019. 00034.

Venkata K Babu Ponnamp, K. Swarnasri, P. Vijetha, "A three phase unbalanced power flow method for secondary distribution system", Advances in Modelling and Analysis B, Vol. 61, No. 3, pp. 139-144, 2018. doi: 10.18280/ama_b.610306

K. ChandraSekhar and P. Venkata Kishore Babu, "Enhancement of Power Quality with multilevel Inverter based IPQC for Micro-Grid", published in International Journal of Innovations in Management, Engineering and Science, Vol.1, Issue.4, June 2018, ISSN: 2455-9008, pp.1-14.

Conferences:

Presented a paper titled "Novel Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System" in International Conference on Smart Energy Systems and Electric Vehicles (ICSESEV-2020) held during 8th – 10th Jan-2020.

Presented a paper titled “Smart Customer Demand Forecast with Substantial Energy Demand Variability” in International Conference on Science Engineering and Technology (ICSET-2K19), Mummadivaram, Andhra Pradesh during 26th – 27th July 2019.

Presented a paper titled “ Adaptive PSO Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System” is of IEEE International Conference on Intelligent Systems and Green Technology (ICISGT), during 29th & 30th June 2019. [IEEE Explore]

Contributed a paper titled "Distributed Solar Generation Applied to Agriculture Sector in Andhra Pradesh - A case Study " in International Conference on "Green Advances in Electrical, Power Control, Electronics and Communication Engineering" Organized by Krishi Sanskriti on 8th November,2015.

Participated in National Conference on "Green Methodologies for Sustainable Future" Organized by Department of Chemistry, K L University, Vaddeswaram, Guntur during 13th & 14th March, 2015.

Memberships of professional bodies: Life Member of IAENG – International Association of Engineers

Guest lectures delivered: Nil

Workshops /Seminars / Courses Participated:

Attended a Webinar on "Electric vehicles and their impacts on electrical distribution networks" Organized by Department of Electrical & Electronics Engineering, Miracle Educational Society group of institutions, Vizianagaram on 3rd June, 2020.

Attended a Webinar on " Art of writing Scientific research paper" Organized by Department of Chemical Engineering, SSN College of Engineering, Chennai on 1st & 2nd June, 2020.

Attended a National level faculty development program on "Tools for online classroom post covid-19", Organized by P.B.Siddhartha College of Arts & Science and computer Society of India, Vijayawada during 18th-20th May, 2020.

Attended a Webinar on "Drafting a Patent Application & Procedure for Filing an Indian Patent" Organized by Vignan Pharmacy College, Vadlamudi, Guntur on 10th May, 2020.

Participated in one day National Level Workshop on "Art of thesis writing" Organized by Siddhardha Academy of General & Technical Education, Vijayawada on 21st September, 2019.

Participated in AICTE sponsored one week STTP on "Energy Management of Smart Grids and Micro grids with IOT" Organized by Department of Electrical & Electronics Engineering, RVR & JC College of Engineering, Guntur during 29th July - 3rd Aug, 2019.

Participated in three day Faculty Development Program on "Student Induction" Organized by AICTE at Chadalawada Ramanamma Engineering College, tirupathi during 10th – 12th June 2019.

Participated in six day Faculty Development Program on "Soft Computing Techniques and Applications" Organized by Vignan's Nirula Institute of Technology & Science for Women in association with E & ICT Academy, NIT, Warangal during 13th - 18th May, 2019.

Participated in two day National Level Workshop on "Problem Identification, Research Methodology & Academic Writing" Organized by Department of Electrical & Electronics Engineering, Kallam Haranadha Reddy Institute of Technology, Guntur on 28th & 29th January,2019.

Successfully Completed an AICTE approved Faculty Development programme (FDP201X) on Pedagogy for Online and Blended Teaching-Learning Process conducted by IIT Bombay from 3rd May to 30th May,2018.

Successfully Completed an AICTE approved Faculty Development programme (FDP101X) on Foundation program in ICT for Education conducted by IIT, Bombay from 8th Mar to 12th Apr,2018.

Participated in one day Workshop on "Generating HDL code from Simulink" Organized by K.L.University, Vijayawada on 28th February, 2018.

Participated in two day Workshop on "Embedded coder for production code generation by Mathworks Training service" Organized by K.L.University, Vijayawada on 26th & 27th February, 2018.

Participated in two week ISTE STTP on "Electric Power System" Organized by IIT, Kharagpur at (Remote Center) R.V.R & J.C College of Engineering, Guntur during 12th June - 15th July, 2017.