Faculty Profile

Basic Information:

NAME	:	**Dr. K. DHANANJAYA BABU**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT:		**Electrical and Electronics Engineeering**
DATE OF BIRTH	:	**11-03-1986**
DATE OF JOINING	:	**12-03-2021**
EMAIL ID	:	**dhananjayababu@gmail.com**
EMPLOYEE ID	:	**1517**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D	Sri Venkateswara University, Tirupati	2018
M. Tech	Sri Venkateswara University, Tirupati	2012
B. Tech	JNTU Hyderabad	2007

Research Details:

1. Areas of Specialization	:	Power Systems, Electric Vehicle, AI applications in Electrical Engineering
2. No. of Publications	:	10
3. Awards Received	:	-
4. Research Guidance		
	No. of PhD Guided:	-
	No. of MTech. Guided:	02
	No. of B.Tech. Guided:	10
5. Details of Professional Membership:		Member, International Association of Engineers
6. Subjects Taught	:	• Electromagnetic Field Theory • Electrical Power Transmission and Switchgear • Applied Soft Computing • Electric Vehicle • Network Analysis • Measurement and Instrumentations • Analog Electronics • Basic Electrical and Electronics Engineering

Publication Details:

Title	Publisher	Published Year
"A Novel Way of Finding the Irregularity Present in the System Through Design of CPS System,"	International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), Greater Noida, India, 2024,	2024
Zigbee based WBMS controlling of Temperature, Voltage and SoC by using sensor matrix"	SRM University, on 24th April 2022, Tirichy	2022
Cost-Benefit Analysis Based DG Placement and Sizing in Practical Distribution System Using Fuzzy and DE Algorithm	J. Inst. Eng. India Ser. B (2020) Springer. https://doi.org/10.1007/s40031-020-00461-w	2020
Siting and Sizing Of DG For Maximum Cost Saving in Distribution System with Increasing Load Scenario using Fuzzy and Water Flow-like Algorithm"	", The Journal of CPRI - Vol. 13., No. 3, September 2017	2017
Multi-DG Placement in Practical Distribution System for Maximum Cost Saving with Increasing Load Scenario",	ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608,pp 1413-1421,Vol. 12, No. 5, March 2017	2017
Application of Gravitational Search Algorithm and Fuzzy For Loss Reduction of Networked System Using Distributed Generation	" IOSR Journal of Electrical and Electronics Engineering e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 10, Issue 1 Ver. II (Jan – Feb. 2015), PP 33-37 DOI: 10.9790/1676-10123337	2015
Loss Minimization and Voltage Improvement In Transmission Systems Using Multi Distributed Generation"	International Journal Of Electrical Engineering &Technology ,Volume 5, Issue 4, April (2014), pp. 20-26, Journal Impact Factor (2014):	2014

Patent Details:

Title of Patent	Submitted/Published/Awarded
Artificial Intelligence based Climate Forecasting Device	Published