Faculty Profile

Basic Information:

NAME	:	**Dr. K.Vijaya Bhaskar**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT	:	**Electrical and Electronics Engineering**
DATE OF BIRTH	:	**01-07-1986**
DATE OF JOINING	:	**07-02-2022**
EMAIL ID	:	**vijayk252@gmail.com**
EMPLOYEE ID	:	**1607**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	2024
M. Tech	Sreenivasa Institute of Technology and Management Studies, JNTUA	2010
B. Tech	Sri Venkatesa Perumal College of Engineering and Technology, JNTUH	2007

Research Details:

1. Areas of Specialization	:	Electrical Power Engineering
2. No. of Publications	:	22
3. Awards Received	:	---
4. Research Guidance		
	No. of PhD Guided:	---
	No. of MTech. Guided:	15
	No. of B.Tech. Guided:	20
5. Details of Professional Membership:		
6. Subjects Taught	:	Electrical Machines-1 HVDC& FACTS Power Systems-1 Neural Networks and Fuzzy Logic Energy Storage Systems Electrical and Electronic Measurements Electric Vehicle

Publication Details:

Title	Publisher	Published Year
A Fractional Controller for Load Frequency Control Tuned by Metaheuristic Algorithm	IEEE Xplore	2025
Modeling and Analysis of Five Phase Surface PMSM for Application in Electric Vehicles	Industrial Engineering Journal	2024
Multi-Objective Optimal Power Flow Solutions Using Improved Multi-Objective Mayfly Algorithm (IMOMA).	Journal of Circuits, Systems and Computers	2023
An optimal power flow solution to deregulated electricity power market using meta-heuristic algorithms considering load congestion environment.	Electric Power Systems Research	2023
An improved mayfly algorithm based optimal power flow solution for regulated electric power network.	International Journal of Advanced Technology and Engineering Exploration	2022
An Improved Multi Objective Mayfly Algorithm for Solving Optimal Power Flow Problem Considering Different Loading Conditions.	Journal of Circuits, Systems and Computers	2022
Evolutionary Based Optimal Power Flow Solution for Load Congestion Using PRNG.	International Journal of Engineering Trends and Technology	2021

Patent Details:

Title of Patent	Submitted/Published/Awarded
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