

## Profile



Name: **Dr. A.BINDU**

Designation: **AP**

Qualification: **ME, Ph.D**

She obtained **BE degree** from **Arulmigu Kalasalingam College of Engineering** with **First class** and **ME degree** from **Sathyabama Institute of Science and Technology** in **first class with distinction**. She had completed her research in **A Grey Wolf Optimization Algorithm Based MPPT with Integrated DC-DC Converter fed Multilevel Inverter for a Standalone PV System** from **Anna University**

Her area of interests are **Renewable Energy, Power Electronics, Control systems and Electric Vehicles**

She joined this institute on **17/7/1997** and having more than **24 Years of teaching experience**

### **Conference:**

1. Presented a Paper entitled "Three level Z- source converter using reduced passive component count" in the National Conference on Communication, VLSI and Signal Processing organised by The Indian Engineering College Vadakkangulam on 8th April 2010.
2. Presented a Paper entitled "Implementing Sensorless Vector and Direct Torque Control for SCIM" in the National Conference on Emerging Trends in Electrical Sciences organised by The Rajaas Engineering College Vadakkangulam on 11th March 2011.

3. .Presented a Paper entitled “A Fuzzy Controlled SEPIC fed Seven Level Inverter for Photovoltaic System” in the Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems & Power, Circuits and Information Technologies organised by Madanapalle Institute of Technology & Science, Andhra Pradesh on 27 th April 2017.

**Journals:**

1. Bindu, A ,Carolin Mabel, M & Bharatiraja, C 2017, ‘A Real-Time Energy Management Approach and its Power Converter for PV Powered Plug-in Electric Vehicles', Journal of Electrical Engineering, vol.17, pp. 52-61.
2. Bindu, A,Carolin Mabel, M &Bharatiraja, C, 2017, ‘A Fuzzy Controlled SEPIC fed Seven Level Inverter for Photovoltaic System’, International Journal of Pure and Applied Mathematics, vo.114, no. 12, pp. 603-613.

**Professional Bodies:**

- Life Member of Indian Society for Technical Education (ISTE) since 2010 and membership id is LM - 70281.