

NAME : Dr.N.KANNAN .

Designation: Teaching Fellow

Mail ID : kannansuphapriya@gmail.com

CELLNO :9677646697



Research Area: Title: Efficient Analysis of ATC in Hybrid Distributed Renewable Resources for Various Conditions

➤ **Educational Qualifications:**

Qualification	Department	Year (From -To)	Percentage	Class
Ph.D	Power Systems	2013-2021		First
M.E	Power Systems	2003-2005	7.88	First
B.E	EEE	1999-2002	65.95	First
Diploma	EEE	1995-1998	82.5%	First
SSLC	General	1995	72%	First

➤ **Experience:** (Years)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
		DD-MM-YYYY	DD-MM-YYYY	
Anna University -Ariyalur Campus.	Teaching Fellow	22.07.13	Till Date	9
Anna University -Panruti Campus	Visiting Faculty	22.05.11	19.07.13	2 year, 2 Month
Dr.Navalar Neduchezhiyan college of Engineering,	Assistant Professor	23.06.05	07.05.11	5 year, 11 month

➤ **Additional / Academic Responsibilities at University:**

- Class In-charge : seven semester(July 2013 to Jan2014)
:Third semester& four semester (2013 batch)
:seven semester(July 2018 to Jan2019)
: seven semester(July 2019 to Jan2022)

The following labs were developed and installed in the department of Electrical and Electronics Engineering.

➤ Lab In-charge : Electrical Machines Laboratory Engineering practices laboratory and (July 2013 to till date)

➤ Time table In-charge : July 2016 to Jan2022

➤ Event Detail :Department Sport co-ordinator (Academic year of 2013 &2015)

➤ **Professional Activities:NIL**

➤ **Completed B.E/M.E Projects:**

➤ *Number of Projects Guided at the level of U.G (B.E) –26*

➤ *Number of Projects Guided at the level of P.G (M.E) –04*

➤ **Sponsored Research Activities: NIL**

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

One day National seminar in Cloud Computing – PSNACET Dindigul.

One day National seminar in Recent Trends in Power Systems – TCE Madurai.

One day Inter National seminar in Power Systems – Hyderabad

One week Faculty developmnt in Recent Trends in Power Systems – TCE Madurai

One week Faculty development in Signals, Systems and Transform Techniques - MVSR Hyderabad

One day National seminar in Insights on Data Science for Engineers-RMK Chennai

➤ **International Conferences Participated:**

➤ **1 .Name:** International conference on Emerging Trends in Electrical & Communication on 6 march 2015.

Venue: Maria College of Engineering and Technology, Kanyakumari

Title : Analysis of system operation and experience with high wind penetration areas

2.Name : International conference on Innovative Research in Engineering

Venue: V.P.Muthiahpillai Meenakshi Ammal Engineering College for Women

Title : Different methods of forecasting : A comprehensive review.

3.Name : International conference on Innovative Research in Engineering

Venue: V.P.Muthiahpillai Meenakshi Ammal Engineering College for Women

Title : Evaluating the impacts of high penetration of wind- A case study in wind prone areas of Tamilnadu.

4.Name: International conference on Computing Information Electronics and Electrical Engineering on 12,13 April 2016

Venue: Idhaya Engineering College for Women,Chinnasalam

Title : Optimal rescheduling of generators for congestion management using particle swarm optimization

5.Name: International conference on Computing Information Electronics and Electrical Engineering on 12,13 April 2016

Venue: Idhaya Engineering College for Women,Chinnasalam

Title : Single-phase high step-up converter with half-bridge-based pv inverter system

6.Name: International conference on Emerging trends in Engineering and Technology on 8 April 2016

Venue: Dr.Navalar Nedunchezhiyan College of Engineering Tholudur

Title : Optimal rescheduling of generators for congestion management using particle swarm optimization

7.Name: International Conference on ICCIEEE on 21 February 2020.

Venue: Idhaya Engineering college for women, Chinnasalam

Title : Analysis of system operation and Determining high wind power forecasting using wavelet model

National conferences details:

- I. **Name** : National Conference on Innovations in Green Energy Engineering 20 march - 2015
Venue: Dr.Navalar Nedunchezhiyan College of Engineering Tholudur
Title : Wind power forecasting using wavelet packet analysis
- II. **Name** : National Conference on Innovations in Green Energy Engineering 1 April-2016
Venue: Dr.Navalar Nedunchezhiyan College of Engineering Tholudur
Title : Economic Dispatch with Multiple Fuel Cost function by using unified based particle swarm optimization

➤ **Publications :**

International Journals: .

1. **Kannan, N, and Sutha,S 2020**, ‘Reactive power loss reduction in distribution network using crow search optimization and available transfer capability’, Journal of Circuits, Systems, and Computers, <https://doi.org/10.1142/S0218126620502370>, **Impact Factor: 1.363.**

2. **Kannan, N, and Sutha,S** , Evaluation Of ATC For Performance Enhancement Of HPS With Renewable Energy Sources,” Journal Of Electrical Engineering. vol. 20, no. 2, pp.462-467. **Impact Factor: 0.686**

3. **Kannan N, Dr.S.Sutha, B. Nandhini***SINGLE-PHASE HIGH STEP-UP CONVERTER WITH HALFBRIDGE-BASED PV INVERTER SYSTEM,” International Journal of Advanced Research Trends in Engineering and Technology (IJARTET),” Vol. 3, Special Issue 22, April 2016

DECLARATION:

I CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

DATE: 23-05-2022



Signature With date