



## Mr. S. Silambarasan, M.E.,

Assistant Professor

Dept. of Electrical and Electronics Engineering  
Idhaya Engineering College for Women,  
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### Academic Background

Degree	Specialization	College/University	Class	Year
B.E	Electrical and Electronics Engineering	Arunai Engineering College, Tiruvannamalai. (Affiliated to Anna University, Chennai)	FWD	2011
M.E	Power Systems Engineering	SKP Engineering College, Tiruvannamalai. (Affiliated to Anna University, Chennai)	FWD	2014

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**Years of Experience: 5 Years 8 Months**

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### Areas of Specialization

Control Systems  
Power Systems  
Electrical Machines  
Renewable Energy Systems

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### Research Contribution

1. **Post Graduate Project** on “Power Quality Improvement Using Hybrid Active Power Filter”, Jun 2014.
  2. **Under Graduate Project** on “Phase Controlled Single Phase Automatic Voltage Regulation Using Micro Controller”, April 2011.
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## **Research Publications in International Journals**

1. **Silambarasan S** , 2019, “Distributed Generation System- A Review”, JASC journal, volume-VI/ Issue-III, ISSN No: 1076-5131.
  2. **Silambarasan S, 2018**, A Novel Control Topology for DC – DC Boost Converter Using Soft Computing Techniques, IJARTET, Volume 5,special issue 9, March .
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## **Research Publications in International and National Conference**

### **International Conference**

1. S.Silambarasan, “Uninterrupted power supply to the society from variable power resources with high efficiency”, March 2017.
2. S.Silambarasan, “Fuel cells for aerospace applications - A survey”, International Conference on Innovative Design Analysis and Development Practices in Aerospace and Automotive Engineering, February 2018.
3. S.Silambarasan, “Power Quality Improvement using DVR in Power System”, International Conference on Recent Innovation in Science, Engineering & Management (ICRISEM), March 2018.
4. S.Silambarasan, “Design and Implementation of a Digital Secure Code Shifted Reference UWB Transmitter and Receiver”, International Conference on Newer Engineering Concepts and Technology, March 2018.

### **National Conference**

1. S.Silambarasan , “A detailed review of Energy Resource to power up UAV”, National Conference on small satellite technology and applications, Dec 2017.
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### **Membership**

- ISTE - Lifetime Member
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### **Additional Responsibilities:**

Member Secretary of Internal Quality Assurance Cell and QMS committee

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**[Mr.S.SILAMBARASAN]**