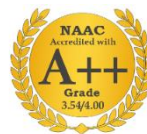




SETHU INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of Electrical and Electronics Engineering		
<b>Name</b>	K.JOTHILAKSHMI	
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<b>Experience</b>	Teaching	Total
	8	8
<b>Date of Joining the Institution</b>	14/11/2023	
<b>Area of Specialization</b>	POWER ELECTRONICS	
<b>Courses taught</b>	Electronic Devices and Circuits, Electric Machines-1 ,Machines lab, Electronics lab, Electrical Circuits, Electrical Engineering, Power Electronics, Basic Civil and Mechanical Engineering, Measurements and Instrumentation,Circuit Theory.	
<b>Research Focus</b>	Electric Vehicles	
<b>No. of papers published</b>	International Journals	Conferences
	4	3
<b>PG Specialization</b>	Power Electronics And Drives	
<b>Ph.D. Specialization</b>	Electric vehicles	
<b>Patents (Filed &amp; Granted)</b>	1	



UPDATED PHOTO

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### **Academic Credentials**

<b>Level</b>	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year of Completion</b>
UG	B.E	Electrical And Electronics Engineering	Anna University	2009
PG	M.E	Power Electronics and Drives	Anna University	2013
Ph.D.	Ph.D.	Electric Vehicles	Anna University	Pursuing

### **Details of Journal Publication:**

SCIE	Non-linear Plant model Inversion technique using Fuzzy Logic Controller	IJAER	Research India Publications	0973-4562	Vol.10 No.70
SCIE	Planning And Coordination Of Relay In Etap	ICHES	Research India Publications	247-251	247-251
SCIE	Grid Connected Power Supply Using Isolated Series Resonant Dc-Dc Converter With Clamped Capacitor Voltage	IJAER	Research India Publications	ISSN 0973-4562	pp. 8195-8198
SCIE	Extracting Energy From Biomass	IJIREEICE	Research India Publications	12	2321-2004

### **Details of Conference attended:**

FDP	Design And Challenges Of Electric Vehicles And Charging Systems	02-09-2024	7
FDP	Ai And Optimisation Techniques Using Matlab	07-10-2024	7
STTP	Smart Grid	12-05-2025	84

### **Details of Patents Filed and Granted:**

National	43089	EFFICIENT DRONE SYSTEM FOR GARBAGE IN CLEANING	Filed
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