


<b>1. Name</b>	Dr. Ganesh Moorthy. J	
<b>2. Designation</b>	Assistant professor	
<b>3. Date of Birth</b>	11/0//1989	
<b>4. Date of Joining</b>	19/06/2024	
<b>5. Specialization</b>	Renewable Energy Systems	
<b>6. Academic Qualification</b>	Ph.D.	
<b>7. Domain Mail ID &amp; Contact Number(s)</b>	jp.ganesh11@gmail.com & 9566761903	
<b>8. Experience Details (Chronological)</b>	Teaching: 2yrs                      Industry: 3yrs	

**Experience & Promotion Details**

S.No.	Name of the Organization	Designation	Period	
			From	To
1	KSRCE, Tiruchengode	Assistant Professor	19.06.2024	Till date
2	NIT Calicut	Ad hoc Faculty	29.08.2022	15.05.2024
3	NIT Trichy	Consultant (Solar PV Project)	01.10.2021	30.06.2022
4	NIT Trichy	JRF	02.05.2014	13.02.2015
5	Real Integrated Solar Company	Project Engineer	01.07.2013	31.03.2014

**09. Publication Details:-**

S.No	*National Level		*International Level		Google Scholar Citations: 30 h-index :
	Journal(s)	Conference(s)	Journal(s)	Conference(s)	
1		2	4	1	3

Google scholar id	Orcid id	Scopus id	Researcher id
9RxuaGQAAAAJ	0000-0002-1379-1417	57202995303	rid41231

**10. Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other:-**

S.No	Title of the Proposal	Funding Agency Details	Date &Duration		Amount Sanctioned
			From	To	
	NIL				

**11. Funded Research Projects:-**

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
	NIL			

**12. Detail of Book/Book Chapter Published: -**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing	ISBN no

**13. Patents Filled : -**

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published

**14. Consultancy Activities (Industry):-**

S.No	Title of the Project	Name of the Company	Consultant Amount Received
1.	Mobile APP development for Industries and Hostel Management system	INTECH PLUS Singapore	Rs.150000/-

**15. Professional Recognition/Award/Prize, Fellowship/Internship received etc:-**

S.No	Name of Award/Fellowship/Internship	Awarding Agency
1	MHRD Fellowship	MHRD, India
2	The Model entitled "Efficient solar energy system design" was awarded FIRST PRIZE in "National convention on challenges, innovative & opportunities in solar energy to enact the Kyoto protocol," - SEEK-2013	Satyabhama University Chennai
3	Rajya Puraskar Award	The Bharat Scout & Guides India

**16. Membership in Professional Bodies:**

- IEEE Graduate student member - Membership No:94545468
- The Institute of Engineers (INDIA)-Membership No: SE/620/07/038

### 17. Social media details: -

<b>LinkedIn Profile Link</b>	<a href="https://www.linkedin.com/in/ganesh-moorthy-b1b62919/?originalSubdomain=in">https://www.linkedin.com/in/ganesh-moorthy-b1b62919/?originalSubdomain=in</a>
<b>Instagram Profile Link</b>	
<b>Facebook Profile Link</b>	<a href="https://www.facebook.com/ganesh.moorthy.792/">https://www.facebook.com/ganesh.moorthy.792/</a>
<b>Youtube Profile Link</b>	
<b>Web Page (if any)</b>	

### 18. Areas of Interest: -

- Renewable energy systems
- Solar Energy solar conversion system
- Application of Power electronics in solar Energy (control & converters)
- Challenges in grid integration of solar PV system

## List of Publications

### International Journal:4

1. **Ganesh Moorthy Jagadeesan**, Jerome Moses Mon Singh, Kalaiselvan N. Active Power Regulation in Low Voltage grid-tied Inverters for Rooftop Solar PV Systems: Progress and future directions. **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects.** (a Taylor & Francis publication). (Accepted on 8th August 2024).
2. **Ganesh Moorthy Jagadeesan**, Raja. P and, Moorthi. S (2021). A two-stage single-phase grid-connected solar-PV system with simplified power regulation. **Chinese Journal of Electrical Engineering.** (an IEEE publication). DOI: 10.23919/CJEE.2`022.000008.
3. **Ganesh Moorthy J**, Raja Pitchaimuthu, Moorthi Sridharan and, Venkata Kirthiga Murali (2021). Simplified Active Power Regulation Scheme for Grid Connected Solar Photovoltaic based Micro-Inverter. **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects.** (a Taylor & Francis publication), DOI:10.1080/15567036.2021.1994670.
4. **Ganesh Moorthy. J**, Manual, S., Moorthi, S and, Raja, P. (2020). Performance analysis of solar PV-based DC optimizer distributed system with simplified MPPT method. **SN Applied Sciences,** (a Springer nature publication). DOI: 10.1007/s42452-020-2010-2.

## **International Conference: 01**

1. S Harish, Sarath Sankar, Vasishtha Burugula, **Ganesh Moorthy J**, and P. Raja (2017). “Design and performance enhancement of small-scale solar PV fed PMDC motor-based water pumping system using PI controlled FOCV method”.

**2017 International Conference on Technological Advancements in Power and Energy (TAP Energy). DOI: [10.1109/TAPENERGY.2017.8397293](https://doi.org/10.1109/TAPENERGY.2017.8397293).**

## **National Conference:02**

1. **Ganesh Moorthy J** and, P. Raja (2019), Parallel operation of Three-port grid-connected micro-inverter with power decoupling capability. **35<sup>th</sup> National convention of Electrical Engineers & National conferences on storing energy for a sustainable future -Future Energy in any isolated world” held at Clarion Hotel President, Chennai during 7-9, November 2019.**
2. **J. Ganesh Moorthy**, S.Iniyan, “Performance evaluation of solar water heater using nanofluids” at the **National conferences held at Eswari Engineering College on April 2013(ARIME 2013)**

## **National Journal:**

Nil