

Dr. V. KIRUBAKARAN

1. Designation : Professor
2. Centre / Department / School : Centre for Rural Energy
3. Qualification : B.E., M.Tech., Ph.D.,
4. Experience (in years) : Teaching: 18 years
Research: 24 years
5. Area of Specialization : 1) Biomass Gasification
2) Solar Energy
3) Energy Conservation
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10. IRINS Link for detailed profile : [107241](#)



11. **Research Guidance :**

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	13	5	6

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC-CARE Listed Publications	119	35
2.	Books Published	10	5
3.	No. of Chapters in Edited Volume / Proceedings	17	14

Select Publications (2019-2024)

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	Prospects and restraints in biogas fed SOFC for rural energization: A critical review in indian perspective	Renewable and Sustainable Energy Reviews	I	1364-0321	143	110914	2021
2.	Energy Conservation Approach for Continuous Power Quality Improvement: A Case Study	IEEE Access	I	2169-3536	9	146959	2021
3.	Environmental friendly micro cold storage for last-mile Covid-19 vaccine logistics	Environ Sci Pollut Res	I	0944-1344	29	23767	2022
4.	Feasibility analysis of admitting gasified waste vegetable oil and non-edible oil blends with diesel in CI engine	Int. J. Environment and Sustainable Development	I	1478-7466	21	319	2022
5.	Investigation of Pungamia Oil Properties Using Spectroscopy for Transformer Applications	IETE Journal of Research	I	0377-2063	70	4169	2023

13. **Sponsored Projects:**

Major Projects handled so far		Major Projects handled during 2019-2024	
Nos.	Financial Outlay (Rs.in lakhs)	Nos.	Financial Outlay (Rs.in lakhs)
14	178.71	6	126.35

14. No. of Seminars/Conferences/Workshops organized (2019-2024) :10
15. No. of Presentations in Seminars/Conferences (2019-2024) : 27
16. No. of Patents :03
17. No. of Invited Talks in National / International Conferences (2019-2024): 35
18. **Additional Responsibilities (2019-2024):**
- Coordinator, Electrical Division, GRI
 - Coordinator, AICTE Programme, GRI
 - Coordinator, Eco Club, GRI
19. **Awards / Honours / Recognitions / Achievements: (2019-2024):**
- IREDA-NIWE Award for “Best Institute for Higher Learning in Wind Energy” – Citation and Cash Award Rs.1.00 lakhs
 - Approved Energy Manager / Auditor by Bureau of Energy Efficiency, Govt. of India
 - Organized various skill development training programme on Renewable Energy (Suryamitra/Varunmitra/ Vayumitra/Jal Urja Mitra)
 - Organized a GIAN Programme funded by MHRD, GRI - 2016-17 - 1; 2018-19 - 2