



VAIGAI COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
Vinayagapuram, Therkuthuru, Madurai - 625122
Web: www.vaigai.org, E-mail: vaigaioffice@gmail.com



Name : Mr. A. WESLEY JEEVADASON
Designation : Assistant Professor
Department : Eee
Address for Communication : 102/1 Balamurugan Street, Ponmeni Main Road, Sarmattipuram, Madurai – 625016
Email : Awjdason@Gmail.Com
Mobile Number : +91 90259 80977
Google Scholar link : <https://Scholar.Google.Co.In/Citations?HI=En&User=K4asikmaaaaj>

1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of passing
B.E.	Electrical & Electronics Engineering	Sethu Institute of Technology, Kariapatti	2011
M.E.	Energy Engineering	National Engineering College, Kovilpatti	2013
Ph.D.	Electrical & Electronics Engineering	SRM Institute of Science and Technology, Kattankulathur	Pursuing

2. Professional/ Industry Experience: (in chronological order)

Sl. No.	Designation	Institute/Organization	Period	
			From	To
1	Engineer - Automation	MOSIMA Engineering Research Consultancy & Training, Madurai, TN, India	May 2013	Nov 2014
2	Engineer – MEP Applications	ECOTHERM Industrial Machinery & Trading Co. W.L.L., Kuwait	Dec 2014	March 2015
3	Engineer – Energy Applications	ECOBUILD General Trading Establishment, Kuwait	Nov 2015	Dec 2018
4	Research Scholar cum Teaching Assistant	SRM Institute of Science & Technology, Kattankulathur, INDIA	August 2019	July 2022
5	Assistant Professor	Vaigai College of Engineering, Madurai	August 2022	till date

3. Research Interest:

- Desalination systems,
- Renewable Energy Systems,
- Solar PV and Solar Thermal Applications,
- Thermal Management of EV Batteries

4. Journal Publications (add patent if any):



SCI Indexed:

- [1] **Wesley Jeevadason Aruldoss**, Padmini Sankaramurthy, Suresh Muthusamy and Meenakumari Ramachandran. 2022. An experimental investigation on performance enhancement of twin wedge solar still with concrete basin for increased fresh water production, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 44:3, 8198-8220, DOI: 10.1080/15567036.2022.2120932 (**SCI Indexed**; Impact Factor: **2.902**)
- [2] **Jeevadason, A.W.**, Padmini, S., Bharatiraja, C. and Kabeel, A.E, 2022. A review on diverse combinations and Energy-Exergy-Economics (3E) of hybrid solar still desalination. Desalination, 527, p.115587. doi: 10.1016/j.desal.2022.115587 (**SCI Indexed**; Impact Factor: **11.211**)
- [3] **Jeevadason, A.W.**, Padmini, S. and Bharatiraja, C., 2022. Enhancing Freshwater Productivity of Twin Wedge Solar Still by Temperature Control Through Thermoelectric Sensors and Modules. IEEE Sensors Journal, 22(9), pp.9095-9103. doi: 10.1109/JSEN.2022.3162311. (**SCI Indexed**; Impact Factor: **4.3**)
- [4] **A. Wesley Jeevadason**, K. Kalidasa Murugavel, and M. A. Neelakantan, "Review on Schiff bases and their metal complexes as organic photovoltaic materials," Renewable and Sustainable Energy Reviews, 36, 220–227. (2014). doi:10.1016/j.matpr.2022.01.167. (**SCI Indexed**; Impact Factor: **16.788**; Citations: **178**)

SCOPUS Indexed

- [1] **Jeevadason, A.W.** and Padmini, S., 2022. Experimental investigation of a passive type solar still with double wedge shape glass cover. Materials Today: Proceedings, 56, pp.308-313. doi: 10.1016/j.matpr.2022.01.167 (**SCOPUS Indexed**; SNIP: **0.575**)
- [2] **Jeevadason, A.W.**, Padmini, S. and Bharatiraja, C., 2022. Experimental Investigation of a Novel Design Solar Still Desalination System. ECS Transactions, 107(1), pp.18789-18798. doi: 10.1149/10701.18789ecst (**SCOPUS Indexed**; SNIP: **0.267**)

5. Participation in Seminars/FDP/Workshop/Conference/Webinar:

Sl. No.	Title of the event	Attended/Organized	Date	
			From	To
1	Dr. Paarivendhar Research Colloquium organized by SRM Institute of Science and Technology, Kattankulathur	Presented a Technical Poster	24.03.2022	26.03.2022
2	International Conference on Materials, Machines & Information Technology-2022 (ICMMIT-2022) organized by Amity University Jharkhand, Ranchi	Presented a Research Paper	24.01.2022	25.01.2022



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3	Online STTP on “Emerging Trends in the Commercial Energy Sector” organized by Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur	Attended	19.08.2021	20.08.2021
4	5 days FDP on “Recent Advances in Water Treatment and Desalination” sponsored by AICTE held at Anna University – University College of Engineering Dindigul Campus	Attended	23.08.2021	27.08.2021
5	5 days FDP on “Exergy and Theroeconomic Investigation in Power Generation Systems” sponsored by AICTE held at Kingston Engineering College	Attended	09.08.2021	13.08.2021
6	5 days FDP on “Thermodynamic Analysis of Energy Systems” sponsored by AICTE held at Institute of Engineering & Technology, Devi Ahliya Vishwavidyalaya	Attended	12.07.2021	16.07.2021
7	One-week online STTP on “Electric Vehicle” sponsored by AICTE held at Lakshmi Naran College of Technology, Bhopal	Attended	05.04.2021	10.04.2021
8	One-day PEER webinar on “Current sustainable electricity market transformation and smart grid technologies”	Attended	29.03.2021	29.03.2021
9	One week Faculty Training Programme on “Finite Element Analysis on Electric motors and electric vehicles” at SRM Institute of Science and Technology, Ramapuram Campus	Attended	19.05.2021	27.05.2021
10	3 days’ workshop on “Challenges and Opportunities in Future Electrical Vehicle Charging” organized by Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur	Attended	12.03.2021	14.03.2021
11	Dr. Paarivendhar Research Colloquium (Virtual Mode) organized by SRM Institute of Science and Technology, Kattankulathur	Presented a Technical Poster	03.03.2021	05.03.2021
12	Research Day at SRM Institute of Science and Technology, Kattankulathur	Presented a Paper	01.03.2021	01.03.2021
13	Webinar on title “Energy Conservation and Management” organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli	Attended	18.07.2020	18.07.2020
14	Webinar on title “Nanofluids in Solar Energy Utilization” by Francis Xavier Engineering College, Tirunelveli	Attended	11.07.2020	11.07.2020
15	Three days FDP on “Recent Advances in Material Science” organized by the Department of Mechanical Engineering, St. Joseph’s Institute of Technology, Chennai in	Attended	08.07.2020	10.07.2020



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	association with IEI Kanchipuram Local Centre			
16	Webinar on title “Use of Professor Adrian Bejan Methods as a Tool in Modeling of Heat Transfer & Fluid Flow Problems” organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli	Attended	07.07.2020	07.07.2020
17	Online webinar on “Advances on Solar Desalination Waste Heat Recovery” conducted by Department of Mechanical Engineering, St. Mother Theresa Engineering College, Thoothukudi	Attended	13.05.2020	13.05.2020
18	Five days online FDP on “Opportunities and Challenges in Next-Generation Semiconductor Devices”, organized by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences, Visakapatnam	Attended	16.06.2020	20.06.2020
19	Hands-on Training program on “Fault Diagnosis and Power Quality Enhancement” by Fluke Technologies (P) Ltd., organized by Department of Electrical & Electronics Engineering, SRM Institute of Science & Technology, Chennai, India.	Attended	15.06.2020	15.06.2020
20	Hands-on Workshop series on “Application of Machine/Deep Learning in Electrical Engineering” conducted by Department of Electrical & Electronics Engineering, SRM Institute of Science & Technology, Chennai, India.	Attended	14.06.2020	14.06.2020
21	Dr. Paarivendhar Research Colloquium-2019 organized by the Directorate of Research, SRMIST	Presented a Technical Poster	23.09.2019	25.09.2019
22	Five Days FDP on "Recent Advances in Solar Energy Research", organized by the department of Mechanical Engineering, SRMIST	Attended	25.11.2019	29.11.2019
23	International workshop on “Access to Affordable Clean Energy to Humanity” conducted by the department of EEE at SRMIST.	Attended	05.12.2019	07.12.2019
24	Ministry of New and Renewable Energy, New Delhi sponsored, one day National Level Technical Seminar on “Next Generation Technologies for Sun-Wind Energy Conversion” at National Engineering College, Kovilpatti	Attended		
25	Department of Science & Technology, New Delhi sponsored, two-day National Level Seminar on “Emerging concepts and trends	Attended		



	in Bio-Inorganic Chemistry” at National Engineering College, Kovilpatti.			
26	Ministry of New and Renewable Energy, New Delhi funded, one day National Level Technical workshop on “Research Opportunities in Solar-Thermal” at National Engineering College, Kovilpatti.	Attended		
27	Department of Science & Technology, New Delhi sponsored, two-day National Level Technical Seminar on “Application of Artificial Intelligence Techniques in Renewable Energy Systems” at National Engineering College, Kovilpatti	Attended		
28	Department of Science & Technology, New Delhi sponsored, two-day National Level Seminar on “Solar Energy conversion using Nanoparticles” at Velammal College of Engineering and Technology, Madurai.	Attended		
29	National Franchisee Training Program organized by TANGEDCO an Electricity Board of Tamilnadu, India	Attended		

6. Membership in Professional societies

- Associate Member of Institute of Engineers – India (Membership No.: AM1920912)
- Member of Kuwait Society of Engineers (Membership no. 39795)

7. Awards, Recognition & Achievements

- Secured **Best Poster Award** at Dr. Paarivendhar Research Colloquium organized by SRM Institute of Science and Technology, Kattankulathur during 24th to 26th March 2022.
- **Second Prize** in **Mini project** at Sethu Institute of Technology.