

**Journal Publications:**

S.No	Title of the Paper	Author Details	Journal Name/Publisher	Year	Vol/ Issue No	Pages	SCI/ SCOPUS/ OTHERS	I.F	ISSN No Print/ Online	DOI
1.	An Appraisal on Security Challenges and Countermeasures in Smart Grid	S.Shitharth, <b>D.Prince Winston</b>	IEEE Sponsored 2nd International Conference on Innovations in Information Embedded and Communication Systems	2015	Vol. 10 No.20	Pages: 16591 - 16597	-	-	Print:ISSN 0973-4562	
2.	Analysis of PV Power Generation under Partial Shading and Hotspot Condition	R.Ramaraj, P.Pounraj, <b>D. Prince Winston</b> , J. S. SakthiSuriyaRaj,S.Cynthia Christabel	International Journal of Applied Engineering Research	2015	Vol. 10 No.55	Pages: 3443-3447	-	-	Print:ISSN 0973-4562 Electronic: ISSN 0973-9769	
3.	Permanent mismatch fault identification of photovoltaic cells using arduino	M. Mahendran, V. Anandharaj, K. Vijayavel and <b>D. Prince Winston</b>	ICTACT JOURNAL ON MICROELECTRONICS,	2015	VOLUME: 01, ISSUE: 02	Pages: 79-82	-	-	Electronic: ISSN 2395-1680	
4.	Couple matching best generation algorithm for partially shaded photovoltaic systems	S.Cynthia Christabel, A.Srinivasan & <b>D.Prince Winston</b>	Journal of Electrical Engineering	2016	Volume 16(3)	Pages: 382-391	SCOPUS	0.28	Print:ISSN 1335-3632	
5.	Reconfiguration solution for extracting maximum power in the aged solar PV systems	S.Cynthia Christabel, A.Srinivasan, <b>D.Prince Winston</b> &B.Praveen Kumar	Journal of Electrical Engineering	2016	Volume 16(3)	Pages: 440-446	SCOPUS	0.28	Print:ISSN 1335-3632	
6.	Single Parameter Fault Identification Technique for Three Phase Induction Motor through Wavelet Analysis and Fuzzy Logic	<b>D.Prince Winston</b> ,G.Sakthivel, M. Saravanan	Journal of Electrical Engineering	2016			SCOPUS	0.28	Print:ISSN 1335-3632	

7.	A New Probabilistic Relevancy Classification (PRC) based Intrusion Detection System (IDS) for SCADA network	S. Shitharth, <b>D. Prince winston</b>	Journal of Electrical Engineering	2016	Volume 10(3)		SCOPUS	0.28	Print:ISSN 1335-3632	
8.	A continuous health monitoring system for photovoltaic array using arduino microcontroller	P. Pounraj, <b>D. Prince Winston,</b> S. Cynthia Christabel, R. Ramaraj	Circuits and Systems	2016	Volume 07(11)	Pages: 3494-3503	-		Print: ISSN 2153-1285 Electronic: ISSN : 2153-1293	<a href="https://dx.doi.org/10.4236/cs.2016.711297">https://dx.doi.org/10.4236/cs.2016.711297</a>
9.	Experimental analysis of single basin single slope finned acrylic solar still	A. MuthuManokar, <b>D.Prince Winston</b>	Materials Today: Proceedings/ <b>Els evier.</b>	2017	Volume 4, Issue 8, ,	Pages 7234-7239	-		Print: ISSN: 2214-7853	<a href="https://dx.doi.org/10.1016/j.matpr.2017.07.051">https://dx.doi.org/10.1016/j.matpr.2017.07.051</a>
10.	Design of solar PV panel cooling system with data logger	V. Priyanka, C. Rajeswari, S.Shanmugapandeeshwari, <b>D. Prince Winston,</b> B. Praveen Kumar	International Journal of Advanced Research in Management, Architecture, Technology and Engineering	2017	Vol. 3, Special Issue 2,	Pages 192-198	-		Electronic: ISSN 2454-9762 PRINT: ISSN 2454-9762	
11.	Comparative study of finned acrylic solar still and galvanised iron solar still	A. MuthuManokar, <b>D.Prince Winston</b>	Materials Today: Proceedings/ <b>Els evier</b>	2017	Volume 4, Issue 8, ,	Pages 8323-8327	-		Print: ISSN: 2214-7853	<a href="https://dx.doi.org/10.1016/j.matpr.2017.07.175">https://dx.doi.org/10.1016/j.matpr.2017.07.175</a>
12.	Low cost and efficient power quality analyzer for small scale industries in South India	JEBA SINGH O, <b>D.PRINCE WINSTON</b>	Journal of Electrical Engineering	2017	Volume 17(4):	Pages: 163-171	SCOPUS	0.28	Print:ISSN 1335-3632	
13.	Comparison of PRC based RVM classification versus SVM classification in SCADA network	S. Shitharth, <b>D. Prince Winston</b>	Journal of Electrical Engineering	2017	Volume 17(1):	Pages: 318-331	SCOPUS	0.28	Print:ISSN 1335-3632	
14.	An enhanced optimization	Shitharth S,	Computers &	2017	Volu	Pages	SCI	3.062	Print:	<a href="https://dx.doi.org">https://dx.doi.org</a>

	based algorithm for intrusion detection in SCADA network	<b>Prince Winston D</b>	Security/Elsevier		me 70,	16-26			ISSN: 0167-4048	<a href="https://doi.org/10.1016/j.se.2017.04.012">rg/10.1016/j.se.2017.04.012</a>
15.	Different parameter and technique affecting the rate of evaporation on active solar still-a review	MuthuManokar A & <b>Prince Winston D</b> &Kabeel A. E & RavishankarSathyamurthy&Arunkumar T	Heat Mass Transfer/ <b>Springer</b>	2017	Vol 54,	Pages: 593–630	SCI	1.551	Print ISSN 0947-7411 Electronic ISSN 1432-1181	<a href="https://doi.org/10.1007/s00231-017-2170-9">https://dx.doi.org/10.1007/s00231-017-2170-9</a>
16.	Implementation of a switched PV technique for rooftop 2 kW solar PV to enhance power during unavoidable partial shading conditions	B. Praveen Kumar, <b>D. Prince Winston</b> , S. Cynthia Christabel, and S. Venkatanarayanan	Journal of Power Electronics,/ <b>Springer</b>	2017	Vol. 17, No. 6,	Pages: 1600-1610	SCI	0.70	Print ISSN 1598-2092 Electronic ISSN 2093-4718	<a href="https://dx.doi.org/10.6113/JPE.2017.17.6.1600">https://dx.doi.org/10.6113/JPE.2017.17.6.1600</a>
17.	Sustainable fresh water and power production by integrating PV panel in inclined solar still	A. MuthuManokar, <b>D. Prince Winston</b> , A.E. Kabeel , RavishankarSathyamurthy	Journal of Cleaner Production/ <b>Elsevier</b>	2018	Volume 172	Pages 2711-2719	SCI	6.395	Print: ISSN: 0959-6526	<a href="https://dx.doi.org/10.1016/j.jclepro.2017.11.140">https://dx.doi.org/10.1016/j.jclepro.2017.11.140</a>
18.	Integrated PV/T solar still-A mini-review	A. MuthuManokar, <b>D. Prince Winston</b> , A.E. Kabeel, S.A. El-Agouz, RavishankarSathyamurthy, T. Arunkumar, B. Madhu, Amimul Ahsan	Desalination/ <b>Elsevier</b>	2018	Volume 435	Pages 259-267	SCI	6.035	Print: ISSN: 0011-9164	<a href="https://dx.doi.org/10.1016/j.desal.2017.04.022">https://dx.doi.org/10.1016/j.desal.2017.04.022</a>
19.	Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method	B. Praveen kumara, <b>D. Prince Winston</b> , P. Pounraj, A. MuthuManokar, RavishankarSathyamurthy, A.E. Kabeel	Desalination/ <b>Elsevier</b>	2018	Volume 435	Pages 140-151	SCI	6.035	Print: ISSN: 0011-9164	<a href="https://dx.doi.org/10.1016/j.desal.2017.11.007">https://dx.doi.org/10.1016/j.desal.2017.11.007</a>
20.	Comparative study of an inclined solar panel basin solar still in passive and active mode	A. MuthuManokara, <b>D. Prince Winston</b> , Jayanta Deb Mondol, RavishankarSathyamurthy, A.E. Kabeel, Hitesh Panchal	Solar Energy/ <b>Elsevier</b>	2018	Volume 169,	Pages 206-216	SCI	4.674	Print: ISSN: 0038-092X	<a href="https://dx.doi.org/10.1016/j.solar.2018.04.060">https://dx.doi.org/10.1016/j.solar.2018.04.060</a>

21.	Experimental investigation on Peltier based hybrid PV/T active solar still for enhancing the overall performance	P. Pounraja, <b>D. Prince Winston</b> , A.E. Kabeel, B. Praveen Kumar, A. MuthuManokar, RavishankarSathyamurthy, S. Cynthia Christabel	Energy Conversion and Management/ <b>Elsevier</b>	2018	Volume 168	Pages 371-381	SCI	7.181	Print: ISSN: 0196-8904	<a href="https://dx.doi.org/10.1016/j.enconman.2018.05.011">https://dx.doi.org/10.1016/j.enconman.2018.05.011</a>
22.	Maximum power extraction in solar renewable power system-a bypass diode scanning approach	<b>D. Prince Winston</b> , B. Praveen Kumar, S. Cynthia Christabel , Ali J. Chamkha , RavishankarSathyamurthy	Computers and Electrical Engineering/ <b>Elsevier</b>	2018	Volume 70	Pages 122-136	SCI	2.189	Print: ISSN: 0045-7906	<a href="https://dx.doi.org/10.1016/j.compeleceng.2018.02.034">https://dx.doi.org/10.1016/j.compeleceng.2018.02.034</a>
23.	Review of different methods employed in pyramidal solar still desalination to augment the yield of freshwater	A. MuthuManokar, YazanTammneh, A. E. Kabeel, RavishankarSathyamurthy, <b>D. Prince Winston</b> , AliJ.Chamkha	Desalination and Water Treatment/ <b>Desalination</b>	2018	Vol: 136	Pages: 20–30	SCI	1.234	Print :ISSN 1944-3994, Electronic: ISSN 1944-3986	<a href="https://dx.doi.org/10.5004/dwt.2018.23188">https://dx.doi.org/10.5004/dwt.2018.23188</a>
24.	Different parameters affecting the condensation rate on an active solar still—A review	A. MuthuManokar, M. Vimala , <b>D. Prince Winston</b> , R. Ramesh, RavishankarSathyamurthy ,P. K. Nagarajan ,and R. Bharathwaaje	Environment Progress & Sustainable Energy/ <b>Wiley</b>	2018	Vol.3 8, No.1	Pages : 286-296	SCI	1.596	Electronic: ISSN:1944-7450	<a href="https://dx.doi.org/10.1002/ep.12923">https://dx.doi.org/10.1002/ep.12923</a>
25.	Effect of insulation on energy and exergy effectiveness of a solar photovoltaic panel incorporated inclined solar still—an experimental investigation	A. MuthuManokar, M. Vimala, <b>D. Prince Winston</b> , RavishankarSathyamurthy and A. E. Kabeel	Solar Desalination Technology / <b>Springer</b>	2019		Pages : 275-292	SCOPUS		Print:ISSN 1865-3529	<a href="https://dx.doi.org/10.1007/978-981-13-6887-5_13">https://dx.doi.org/10.1007/978-981-13-6887-5_13</a>
26.	Enhancement of potable water production from an	A. MuthuManokar, M. Vimala.	Environment, Development	2019			SCI	1.676	Print ISSN 1387-	<a href="https://doi.org/10.1007/s1066">https://doi.org/10.1007/s1066</a>

	inclined photovoltaic panel absorber solar still by integrating with flat-plate collector	RavishankarSathyamurthy,A. E. Kabeel, <b>D. Prince Winston</b> , Ali J. Chamkha	and Sustainability/ <b>Springer</b>						585X Electronic ISSN1573 -2975	<a href="https://doi.org/10.1007/s00231-019-00376-7">8-019-00376-7</a>
27.	Development of Multitest System for Solar PV	C. Malathi, U. Nithya, S. Suganya, <b>D. Prince Winston</b>	International Research Journal of Engineering and Technology	2019	Volume: 06 Issue: 03		-	-	Print:ISSN : 2395- 0072Electr onic:ISSN: 2395-0056	
28.	Artificial Intelligence for Unearthing Yarn Breakage	M.AmmuBakya, S.Preethi, P.Suganya Devi, S.Vimala Devi, <b>D.Prince Winston</b>	International Research Journal of Engineering and Technology	2019	Volume: 06 Issue: 03		-	-	Print:ISSN : 2395- 0072 Electronic: ISSN: 2395-0056	
29.	Robust detection of real-time power quality disturbances under noisy condition using FTDD features	O. Jeba Singh, <b>D. Prince Winston</b> , B. ChittiBabu, S. Kalyani, B. Praveen Kumar, M. Saravanan& S. Cynthia Christabel	Automatika/ <b>Taylor &amp; Francis</b>	2019	Volume: 60 Issue: 1	Pages 11–18	SCI	0.403	Print:ISSN : 0005- 1144 Electronic: ISSN:1848 -3380	<a href="https://dx.doi.org/10.1080/00051144.2019.1565337">https://dx.doi.org/10.1080/00051144.2019.1565337</a>
30.	Combination of novel converter topology and improved MPPT algorithm for harnessing maximum power from grid connected solar PV systems	B. MeenakshiSundaram ,B. V. Manikandan , B. Praveen Kumar, <b>D. Prince Winston</b>	Journal of Electrical Engineering &Technology/S <b>pringer</b>	2019	Vol:1 4,	pages 733– 746	SCI	0.715	Print ISSN 1975-0102 Electronic ISSN2093 -7423	<a href="https://doi.org/10.1007/s42835-018-00075-9">https://doi.org/10.1007/s42835-018-00075-9</a>
31.	Experimental investigation on pyramid solar still in passive and active mode	A. MuthuManokar, <b>D. Prince Winston</b> ,RavishankarS athyamurthy, A. E.	Heat and Mass Transfer/ <b>Springer</b>	2019	Vol55 ,	Pages: 1045– 1058	SCI	1.551	Print ISSN 0947-7411 Electronic ISSN1432	<a href="https://doi.org/10.1007/s00231-018-2483-3">https://doi.org/10.1007/s00231-018-2483-3</a>

		Kabeel, A. Rama Prasath							-1181	
32.	A review on different design modifications employed in inclined solar still for enhancing the productivity	A. E. Kabee, A. MuthuManokar, RavishankarSathyamurthy, <b>D. Prince Winston</b> , S. A. El-Agouz, Ali J. Chamkha	Journal of Solar Energy Engineering/ <b>ASME</b>	2019	Vol. 141	Pages: 03100 7-1 to 03100 7-10	SCI	1.19	Print: ISSN 0199-6231	<a href="https://doi.org/10.1115/1.4041547">https://doi.org/10.1115/1.4041547</a>
33.	Efficient Output Power Enhancement and Protection Technique for Hot Spotted Solar Photovoltaic Modules	<b>D. Prince Winston</b>	IEEE Transactions on Device and Materials Reliability/ <b>IEEE</b>	2019	Volume: 19 , Issue: 4	<b>Page(s):</b> 664 – 670	SCI	1.583	Print ISSN: 1530-4388 Electronic ISSN: 1558-2574	<a href="http://dx.doi.org/10.1109/TDMR.2019.2945194">http://dx.doi.org/10.1109/TDMR.2019.2945194</a>
34.	Study on characterization and physicochemical properties of new natural fiber from Phaseolus vulgaris	B. GurukarthikBabu, <b>D. Princewinston</b> , P. SenthamaraiKannan, S.S. Saravanakumar& M. R. Sanjay	Journal of Natural Fibers/ <b>Taylor &amp; Francis</b>	2019	Vol 16- Issue 7	Pages 1035-1042	SCI	1.252	Print:ISSN : 1544-0478 Electronic: ISSN:1544-046X	<a href="https://dx.doi.org/10.1080/15440478.2018.1448318">https://dx.doi.org/10.1080/15440478.2018.1448318</a>
35.	Annual performance analysis of adding different nanofluids in stepped solar still	Hitesh Panchal ,RavishankarSathyamurthy, A. E. Kabeel, S. A. El-Agouz, DSilva Rufus ,T. Arunkumar , A. MuthuManokar , <b>D. Prince Winston</b> , Atul Sharma , NishantThakar ,Kishor Kumar Sadasivuni	Journal of Thermal Analysis and Calorimetry / <b>Springer</b>	2019	Volume 138,	pages 3175–3182	SCI	2.471	Print ISSN1388-6150 Electronic ISSN1588-2926	<a href="https://doi.org/10.1007/s10973-019-08346-x">https://doi.org/10.1007/s10973-019-08346-x</a>

36.	Performance improvement of solar PV array topologies during various partial shading conditions	<b>D. Prince Winstona</b> , S. Kumaravel, B. Praveen Kumar, S. Devakirubakaran	Solar Energy/ <b>Elsevier</b>	2019	Vol 196	228–242	SCI	4.7	Print: ISSN: 0038-092X	<a href="https://doi.org/10.1016/j.soler.2019.12.007">https://doi.org/10.1016/j.soler.2019.12.007</a>
37.	Exploration of Electrical, Thermal, and Mechanical Properties of Phaseolus vulgaris Fiber/Unsaturated Polyester Resin Composite Filled with Nano–SiO <sub>2</sub>	B. GurukarthikBabu, <b>D. Prince Winston</b> , P. V. AravindBhaskar, R. Baskaran& P. Narayanasamy	Journal of Natural Fibers/ <b>Taylor &amp; Francis</b>	2020			SCI	1.252	Print:ISSN : 1544-0478 Electronic: ISSN: 1544-046X	<a href="https://dx.doi.org/10.1080/15440478.2020.1724231">https://dx.doi.org/10.1080/15440478.2020.1724231</a>
38.	Design of Sustainable PV Module for Efficient Power Generation during Faults	<b>D. Prince Winston</b>	IEEE Transactions on Components, Packaging and Manufacturing Technology/ <b>IEEE</b>	2020	Volume: 10, Issue: 3 ,	389 – 392	SCI	1.86	Print ISSN: 2156-3950 Electronic ISSN: 2156-3985	<a href="http://dx.doi.org/10.1109/TC-PMT.2020.2973028">http://dx.doi.org/10.1109/TC-PMT.2020.2973028</a>
39.	Experimental studies on passive inclined solar panel absorber solar still	C. Sasikumar ,A. MuthuManokar , M. Vimala , <b>D. Prince Winston</b> , A. E. Kabeel , RavishankarSathyamurthy, Ali J. Chamkha	Journal of Thermal Analysis and Calorimetry/ <b>Springer</b>	2020	Volume139	3649–3660	SCI	2.471	Print ISSN1388-6150 Electronic ISSN1588-2926	<a href="https://dx.doi.org/10.1007/s10973-019-08770-z">https://dx.doi.org/10.1007/s10973-019-08770-z</a>
40.	Effect of water depth and insulation on the productivity of an acrylic pyramid solar still–An experimental study	A. MuthuManokar, YazanTaamneh, AbdElnabyKabeel, <b>D. Prince Winston</b> , P.Vijayabalan, D. Balaji, RavishankarSathyamurthy, S. PadmanabaSundar, D. Mageshbabu	Groundwater for Sustainable Development/ <b>Elsevier</b>	2020	Volume 10, 100319		SCOPUS	-	Print: ISSN: 2352-801X	<a href="https://dx.doi.org/10.1016/j.gsd.2019.100319">https://dx.doi.org/10.1016/j.gsd.2019.100319</a>