

FACULTY PROFILE

Educational Qualification			
DEGREE	BRANCH	INSTITUTE	YEAR
Ph.D (Full Time)	Electrical Drives	Thiagarajar College of Engineering, Madurai.	2013
M.E.	Power Electronics and Drives	MEPCO SchlenkEngg. College, Sivakasi.	2008
B.E.	Electrical and Electronics Engineering	R.V.S College of Engg,Dindugal.	2006

Experience				
PERIOD		NO OF YEARS	DESIGNATION	INSTITUTION
Jan 2016	Till date	3 Years & 1 month	Associate Professor	Kamaraj College of Engineering and Technology
Dec 2013	Dec 2015	2 Years & 1 Month	Associate Professor (Entry Level)	Kamaraj College of Engineering and Technology
May 2013	Nov 2014	6 Months	Assistant Professor	Kamaraj College of Engineering and Technology
Feb 2009	April 2013	3 Years & 5 Months	Assistant Professor	Sree Sowdambika College of Engineering
June 2008	Nov 2009	1 Year & 5 Months	Lecturer	K.L.N College of Engineering

Publications

Journal Details	Year
A review on different design modifications employed in inclined solar still for enhancing the productivity AE Kabeel, AM Manokar, R Sathyamurthy, DP Winston, SA El-Agouz, ... Journal of Solar Energy Engineering 141 (3), 031007	2019
Robust detection of real-time power quality disturbances under noisy condition using FTDD features O Jeba Singh, D Prince Winston, B Chitti Babu, S Kalyani, ... Automatika 60 (1), 11-18	2019
Different parameters affecting the condensation rate on an active solar still—A review RB A Muthu Manokar, M Vimala, D Prince Winston, R Ramesh, Ravishankar ... Environmental Progress & Sustainable Energy 38 (1), 286-296	2019
Combination of Novel Converter Topology and Improved MPPT Algorithm for Harnessing Maximum Power from Grid Connected Solar PV Systems	2019

BM Sundaram, BV Manikandan, BP Kumar, DP Winston Journal of Electrical Engineering & Technology, 1-14	
Review of different methods employed in pyramidal solar still desalination to augment the yield of freshwater AM Manokara, AE YazanTaamnehb, R Sathyamurthyc, DP Winstone, ... DESALINATION AND WATER TREATMENT 136, 20-30	2018
Experimental investigation on pyramid solar still in passive and active mode AM Manokar, DP Winston, R Sathyamurthy, AE Kabeel, AR Prasath Heat and Mass Transfer, 1-14	2018
Maximum power extraction in solar renewable power system-a bypass diode scanning approach DP Winston, BP Kumar, SC Christabel, AJ Chamkha, R Sathyamurthy Computers & Electrical Engineering 70, 122-136	2018
Experimental investigation on Peltier based hybrid PV/T active solar still for enhancing the overall performance P Pounraj, DP Winston, AE Kabeel, BP Kumar, AM Manokar, ... Energy Conversion and Management 168, 371-381	2018
Comparative study of an inclined solar panel basin solar still in passive and active mode AM Manokar, DP Winston, JD Mondol, R Sathyamurthy, AE Kabeel, ... Solar Energy 169, 206-216	2018
Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method DP Winston, P Pounraj, AM Manokar, R Sathyamurthy, AE Kabeel Desalination 435, 140-151	2018
Integrated PV/T solar still-A mini-review AM Manokar, DP Winston, AE Kabeel, SA El-Agouz, R Sathyamurthy, ... Desalination 435, 259-267	2018
Study on characterization and physicochemical properties of new natural fiber from <i>Phaseolus vulgaris</i> B Gurukarthik Babu, D Prince Winston, P SenthamaraiKannan, ... Journal of Natural Fibers, 1-8	2018
Sustainable fresh water and power production by integrating PV panel in inclined solar still AM Manokar, DP Winston, AE Kabeel, R Sathyamurthy Journal of Cleaner Production 172, 2711-2719	2018
Implementation of a Switched PV Technique for Rooftop 2kW Solar PV to Enhance Power during Unavoidable Partial Shading Conditions BP Kumar, DP Winston, SC Christabel, S Venkatanarayanan Journal of Power Electronics 17 (6), 1600-1610	2017
Different parameter and technique affecting the rate of evaporation on active solar still-a review AT Muthu Manokar A, Prince Winston D, Kabeel A. E, Ravishankar Sathyamurthy Heat and Mass Transfer, 1-38	2017
An enhanced optimization based algorithm for intrusion detection in SCADA network S Shitharth Computers & Security 70, 16-26	2017

Low cost and efficient power quality analyzer for small scale industries in South India DPW Jeba Singh. O Journal of Electrical Engineering 17 (4), 163-171	2017
Comparative study of finned acrylic solar still and galvanised iron solar still AM Manokar, DP Winston Materials Today: Proceedings 4 (8), 8323-8327	2017
Experimental analysis of single basin single slope finned acrylic solar still AM Manokar, DP Winston Materials Today: Proceedings 4 (8), 7234-7239	2017
A continuous health monitoring system for photovoltaic array using arduino microcontroller P Pounraj, DP Winston, SC Christabel, R Ramaraj Circuits and Systems 7 (11), 3494-3503	2016

CONFERENCES
D. Prince Winston , “Design and Simulation of Energy Efficient Converter for Switched Reluctance Motor” PCID 2008– Bannari Amman Institute of Technology, February 22, 23 of 2008.
D. Prince Winston , “Design and Simulation of Energy Efficient Converter for Switched Reluctance Motor” MEPCON-08 – MepcoSchlenk Engineering College, 14 th March 2008.
T. S. RaajBharath, D.Prince Winston , Dr. M. Saravanan, “A Simple PI Controller for the PMSM”, National level conference on” Emerging issues and innovations in Power Electronics and Power Systems”, 5.4.2012.
D.Prince Winston & Mr. GANESH RAJA Design And Simulation Of Dc-Dc Converter For Fuel-Cell Based Hybrid System POWER, CONTROL AND INSTRUMENTATION (NCPCI -2K14) 2014.
D.Prince Winston & Mr. PRAVEEN Design of a qzsi based dc to dc converter for renewable energy applications using new shoot through control methods POWER, CONTROL AND INSTRUMENTATION (NCPCI -2K14) 2014.
D.Prince Winston & Mr. SAKTHIVEL Classification Of Power Quality Disturbances Using Wavelet And Support Vector Machine NCEEE’14 2014.
Mr. Praveen and D. Prince Winston , “Design of a qzsi based dc to dc converter for renewable energy applications using new shoot through control methods”, National Conference on Power, Control And Instrumentation (NCPCI -2K14), 4 Apr 2014.
Mr.Sakthivel and D.PrinceWinston , “Classification Of Power Quality Disturbances UsingWavelet And Support Vector Machine”, National Conference on Emerging Technologies in Electrical Engineering NCEEE’14, 19 Apr 2014.

Consultancy

S.No	Name of the Industry/Others	Type of Consultancy	Date	Amount (Rs.)	Status
1	Dharmarathina Textiles (P) Ltd, Kattangudi	Energy and Harmonic Audit	17-12-16	5000.00	Completed on March 2017
2	Latha Mathavan Engg College, Madurai.	Energy and Harmonic Audit	20-02-17	3000.00	Completed on Feb 2017
3	Dharmarathina Textiles (P) Ltd, Kattangudi	Biometric based Automation System	10-02-17	14500.00	Completed on Oct 2017
5	Kaycee Plasto Pack, Virudhunagar.	Energy and Harmonic Audit	05-10-17	3000.00	Completed on Nov 2017
6	Riya Oil Products, Aruppukottai.	Energy and Harmonic Audit	07-02-18	3000.00	Completed on April- 2018
7	VS Constructions, Madurai.	Development of Matrix Switching Circuit for PV application		82936.00	Completed on Dec - 2018
8	Virudhunagar Chamber of Commerce and Industry, Virudhunagar	Development of Two Wireless Screen Opening System for the New Building Opening Function of Virudhunagar Chamber of Commerce and Industry	Jan 2018	9000.00	Completed on April- 2018
9	Dharmarathina Textiles (P) Ltd, Kattangudi	Development of Electric Trolley	Oct 2018	75000.00	Under Process

Ph.D. Guidance

S.No	Regno	Name	Area of Research	Reg Year	Reg Session	Status
1	1414389706	Gurukarthik Babu B	Nano Technology	2014	JUL	Thesis Submitted
2	1414389743	Sakthivel G	Electrical Machines	2014	JUL	Confirmation completed
3	1512389167	Pounraj P	Solar Still and PV	2015	JAN	Thesis Submitted
4	1514389141	Jeba Singh O	Power Quality	2015	JAN	Thesis Submitted
5	16134897242	Karthikeyan G	Solar PV	2016	JUL	Confirmation completed
6	1614289129	Muthu Manokar A	Solar Still and PV	2016	JAN	Thesis Submitted
7	17143891239	Praveen Kumar B	Solar Still and PV	2017	JAN	Thesis Submitted

Journal Editor & Reviewer Details

- Acted as Reviewer for High Impact Factor SCI Journals Like Energy Conversion and Management, Desalination (Elsevier Publisher)
- Acted as Editorial Board Member in the International Journal “International Journal of Advanced Research in Science and Engineering”.

FDP/ Workshop/ STTP/ Conference Conducted

- Conducted One day Hands on Training on MARLAB Workshop at Kamaraj College of Engineering and Technology in Nov 2014.
- Conducted one day Sixth National Conference on “Advanced Technologies in Electrical Engineering – ATEE’14”, at Kamaraj College of Engineering and Technology. in Mar 2014.

Resource Person for / Workshop/ FDP/ Conference and Others

1. Acted as the resource person International conference “SP-EMITS’14”, RVCE, in march 2014
2. Acted as the resource person in workshop “One day workshop on analysis of Electrical and Electronics System using Matlab”, Cheran College of Engineering, in Feb 2014.
3. Acted as the Resource person in Seminar “Two Days National Seminar on Distributed generation and Microgrid”, Kamaraj College of Engineering and Technology in May 2014.
4. Acted as Session Chair in Symposium “One day National Level Technical colloquium EVATAR’14”, Kamaraj College of Engineering and Technology, Oct 2014.
5. Acted as the Resource person in seven day FDP “Electromagnetic Theory(Sponsored by Centre for Faculty Development, Anna University, Chennai)”, Kamaraj College of Engineering and Technology, in June 2014.
6. Acted as the resource person in Workshop, “One day Hands on Training on Matlab Workshop” Kamaraj College of Engineering and Technology, Nov 2014.
7. Acted as Reviewer Board Member in International Confererence “ICECCT 2015”, SVS College of Engineering, in Mar 2015.
8. Acted as Keynote Speaker in National Conference, “RACE-15”Renganayagivaratharajan College of Engineering, in Mar 2015.
9. Acted as Resource person in FDP. “FDP on Electrmagnetic Fields”, Sri VidyaColege of Engineering, in Dec 2014.
10. Acted as Resource person in Project Contest, “TECHNO EXPO 2015” VSVN polytechnic College, in Jan 2015.
11. Acted as Resource Person in FDP, “MNRE Sponsored power converters and Control of Renewable Energy Systems”, Sri Vidya College of Engineering, Jan 2015.
12. Acted as Resource Person in FDP, “FDP on Application of MATLAB in Power Electronics”, LadhaMathavan Engineering College, in Mar 2015.
13. Acted as Resource Person in International Conference, “ International Conference Emerging Electrical System and Control”, Sethu Institute of Technology, in Dec 2014.

AWARDS/RECOGNITION RECIEVED

Received Young Scientist Fellowship from TNSCST Tamilnadu Government (2018)

Received Young Researcher Award from IIR, Chennai, (2018)

MEMBERSHIP

NAME OF SOCIETY	DETAILS	PERIOD
ISTE	MISTE	Life Time
IETE	MIETE	Life Time

OTHER ACHIEVEMENTS

Cleared BEC Vantage with a Score of 163 Marks and passed the exam with 'C' Grade