

Faculty Vitae

Name of the Faculty				
Mr.K.Lingeswaran				
Education				
	Degree	Discipline	Institution	Year
UG	B.E	Electrical and Electronics Engineering	Sona College of Technology	2007
PG	M.E	Energy Engineering	PSG College of Technology	2010
PhD				
Academic experience				
Institution	Title	From	To	FT/PT
Bharath University	Associate Professor	7 July2010	Till date	FT
Certifications or professional registrations				
Nil				
Membership in professional organizations				
Nil				
Honors and awards				
<ol style="list-style-type: none"> 1. Winners in interdepartmental volley ball competition. 2. Skipper of college volley Ball team. 3. Zonal level Volley ball runners in higher secondary. 4. Participated and organized in departmental symposium “EDISION”. 5. Winners in various college staff level cricket tournaments. 				
Service activities (within and outside of the institution)				
<p>Within Institution: Organized an Industrial Level Conference on CDM for tCO2 company, held on 19th September, at Tirupur. Focused on CO2 emitting industries, in and around Coimbatore and tirupur. Created awareness on renewable energy usage.</p>				
List of Publications				
<ol style="list-style-type: none"> 1. K.Lingeswaran, SS Prasad Karamcheti, M.Gopikrishnan, G.Ramu “Preparation and Characterization of Chemical Bath Deposited CdS Thin Film for Solar Cell” Middle-East Journal of Scientific Research 20 (7), 812-814, 2014. 				

2. K.Lingeswaran, A.RichardPravin and V.C.EuginMartinRaj “Energy Efficient Lighting System using Distributed Intelligence for Controller Area Network (CAN)” Middle-East Journal of Scientific Research 16 (12): 1887-1891, 2013.ISSN 1990-9233.
3. ArunDas.V, Lingeswaran.k “GPS Based Automated Public Transport Fare Collection Systems Based On Distance Travelled By Passenger Using SMART CARD” International Journal of Scientific Engineering and Research (IJSER), ISSN (Online): 2347-3878 Volume 2 Issue 3, March 2014
4. K. Lingeswaran and C. Hemalatha “Experimental Studies on Solar Powered Diffusion Absorption Refrigerator” Middle-East Journal of Scientific Research 20 (7): 876-880, 2014. ISSN 1990-9233.
5. A.Raguram and K. Lingeswaran “Design of Stirling Engine and Solar Collectors to Run an Automobile Alternator” Middle-East Journal of Scientific Research 20 (7): 815-818, 2014.
6. K. Lingeswaran and, M. Ramesh “Characterization of CDS Thin Film Solar Cells by DIP Coating Method” Middle-East Journal of Scientific Research 16 (12): 1883-1886, 2013.ISSN 1990-9233.
7. Ritesh Kumar jha , Lingeswaran.k “Fault-Tolerant Voltage Source Inverter for Permanent Magnet synchronous motor” International Journal of Engineering Trends and Technology (IJETT) – Volume 3 Issue 2 No 4, 23-27, April 2012. ISSN: 2231-5381.
8. K.Lingeswaran and C.Nithyanandam “Simulations and Experiments on a 1 kW Direct Driven PM Synchronous Generator for Wind Power” Middle-East Journal of Scientific Research 18 (12): 1792-1797, 2013.
9. S.Premkumar, S.Prabhakar, K.Lingeswaran and P.Ramnathan”Development of Direct Methanol Fuel Cell and Improving the Efficiency” Middle-East Journal of Scientific Research 20 (10): 1277-1280, 2014.
10. K.Lingeswaran,D.ArunKumar, R.Balasundaraprabhu “Preparation and characterization of nanocrystal line CdS Thin films” International Journal of Biotechnology Trends and Technology (IJBT) – volume 1 Issue 3, 40-45, No4- Dec 2011. ISSN: 2249-0183.
11. K.Lingeswaran, S.S.Prasad Karamcheti, R.Kanagaraj and G. Ramu “Preparation and Characterization of Chemical Bath Deposited CDS Thin Film for Solar Cell” International Conference on Smart Technologies for Materials, Communication, Controls, Computing & Energy (ICST-2013), pp.399-401, Year 2013, Chennai.
12. Premkumar.S, Lingeswaran.K, Ramanathan.P, & Prabhakar. S “Design and Optimization of High Efficiency Charge Controller for a Solar Photovoltaic System Power Generation” International Conference on Electrical, Electronics and Computer Science, Pages 112-118, Year 2012, Tirupati.

13. S.Premkumar,S.Prabhakar,K.Lingeswaran,andP.Ramnathan“Developmnt of Direct Methanol Fuel Cell and Improving the Efficiency” International Conference on Smart Technologies for Materials, Communication, Controls, Computing & Energy (ICST-2013), Pages 199-202, Year 2013, Chennai.

14. P. Ramanathan, S. Prabhakar, K. Lingeswaran and S. Premkumar “Single Phase to Three Phase Drive System using High Power Density Single Phase PWM Rectifier with Active Ripple Energy Storage” International Conference on Smart Technologies for Materials, Communication, Controls, Computing & Energy ICST-2013, Pages 395-398, Year2013,Chennai.

15. Lingeswaran.K, Annadurai.S, Vamsi Krishna.B, Gunasekaran.S “Battery Energy Storage System for a Stand Alone Windmill” Application of Conventional& Renewable Energy Sources, October 29-30th, Pages 4-9, 2012.

16. Premkumar.S, Lingeswaran.K, Baskar. D, P. Ramanathan “Automatic water spraying over photovoltaic cells” ACRES-2012 National level conference, Pages 49-52, 2012, Chennai.

17. K.Lingeswaran, S. Satheesh “High Efficiency Transformer Less Inverter For Single-Phase Photovoltaic Systems Using Switching Converter” National Level Conference On Recent Advancement In Power And Control Engineering, Pages 1-5, 2013, Chennai.

18. Waqar Hussain, Yogendra Kumar Yadav, Vikash Kumar Lingeswaran.k “Micro-Scale Solar Energy Harvesting System From Low Over-Head Maximum Power Point Tracking Technique” Rapce -2013 National Level Conference, Pages 123-125, 2013.

19. Presented a paper on “Preparation and Characterization of Chemical Bath Deposited CDS Thin Film for Solar Cell” National symposium for Post Graduate students (NSPGS 2010) held at PSG College of Technology, Coimbatore.

20. Participated in National Conference on Multifunctional Nanomaterials and Nanocomposites (NCMNN 2010) held at Bharathiyar University, Coimbatore.

21. Participated in National seminar on Nanoscience and its applications held at Sri Krishna arts and science college, Coimbatore.

Recent professional development activities

Nil