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Dr.P.Srinivasan is Working as an Assistant Professor in the Department of Electrical and Electronics Engineering at SRMIST, Ramapuram. He Graduated in Electrical and Electronics Engineering at Madras University, Chennai, Tamil Nadu, India. He secured a Master of Engineering in Power Electronics and Industrial Drives at Sathyabama University, Chennai, India. He pursued a Ph.D. in the field of Electrical and electronic Engineering at Saveetha University, Chennai, India. He has been in the teaching profession for more than 16 years. He has presented a number of papers in National and International Journals, conferences, and Symposiums.

Areas of Research:

FRT Enhancement for DFIG based Wind Energy conversion systems, Design of optimized controllers for PV application, optimized charge controllers for Electric vehicles

Article Published in International Journal

1. Srinivasan P, Muralikrishna. K, Rahul Lohkana and KumariNihal, “ZnO antireflection Coating on solar cell to increase the efficiency by enhancingoptical properties.” *ARPJ Journal of Engineering and Applied Sciences*, vol. 18, n0. 2, January 2023, 1819-6608, pp-75-79.
2. Srinivasan, P., D. Sivakumar, and V. N. Ganesh. “Power Generation for Street Lights Using Smart Tiles, Floor and Piezoelectric Shoes for Mobile Battery Charging Along with GPS Tracker Shoes.” *Lecture Notes in Electrical Engineering*, November 9, 2022, 799–811. https://doi.org/10.1007/978-981-19-4971-5_59.
3. Srinivasan P, Dilli Srinivasan J, Arulvendhan K, Muralikrishna K, NaveengandhiS,“An improved control strategy of low voltage ride through

enhancement capability for DFIG based wind turbine: A review”, Journal of Xi’an Shiyou University, Natural Science Edition, ISSN: 1673-064X, volume 18 issue 3, pp 310-321, 2022

4. Srinivasan, P, Samiappan D, “Combination of SMES and fault current limiter for doubly fed induction generator to enhance LVRT capability”, ARPN Journal of Engineering and Applied Sciences, ISSN: 1819-6608, Volume 15(17), pp. 1891–1896, 2020.
5. M.Anjalakshi, S. Pavithra, M.Moovendan, Srinivasan P, “A Research on Non conventional and Renewable sources”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume- 8 Issue-2s8, pp: 1591-1593, August 2019.
6. Srinivasan P, DhandapaniSamiappan, “Enhancement of Low Voltage Ride through Capability for DFIG Based Wind Turbine with STFCL, DVR and Energy Storage System”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-2, pp: 2882-2886, July 2019.
7. Priya Mishra, KarthigaPandi, P. Srinivasan, M. Moovendan, “ElectricBikes Over Fuel Bikes with the Help of ANFIS Model in India”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-1S4, June 2019.
8. Srinivasan P, DhandapaniSamiappan, “LVRT Enhancement Capability of DFIG based WECS by Implementing STFCL-SMES”, International Journal of Pure and Applied Mathematics, 2018, Vol. 119(16): 3495- 3500, ISSN: 1311-8080.
9. Srinivasan P, DhandapaniSamiappan, “Modeling and simulation of HVRTand LVRT enhancement capability for doubly fed induction generator based wind energy conversion system”, International journal of Engineering & Technology, UAE, 2018, Vol.7 (2.33): 405-408, ISSN: 2227-524X.
- 10.Srinivasan P, Dhandapani Samiappan, “Improvement of LVRT capability by combining–Switch type fault current limiter and Super capacitor for DFIG based wind turbines”, IIOABJ, 2017, Vol.8 (Suppl 3): 53-59, ISSN:0976-3104.

Article in Press

1. P Srinivasan*, Samiappan Dhandapani, K Muralikrishna, Nissyjoseph and M Roshan, "LVRT Enhancement of DFIG-based WECS using SVPWM-based Inverter Control",

Recent Advances in Electrical & Electronic Engineering 2023; 16().
<https://dx.doi.org/10.2174/2352096516666230606103013>

2. K Arulvendhan, P Srinivasan*, K Muralikrishna, Joseph Nissy and M Roshan, "Bidirectional DC-DC converter and improved electrical vehicle dynamic response control", Recent Advances in Electrical & Electronic Engineering 2023; 16().
<https://dx.doi.org/10.2174/2352096516666230808155657>

Article accepted for publication

1. Manuscript titled "Soft switching technique in a modified SEPIC Converter with MPPT using cuckoo search algorithm", in the journal "Recent Advances in Electrical and Electronic Engineering"
2. Manuscript titled "Coating performance prediction using a modified spin coater and the Taguchi technique for solar cells", in the journal "Recent Advances in Electrical and Electronic Engineering"

Patent published

1. Name of Patent : Supervisory Control, Monitoring, and Data Acquisition for Remote Industry using Arduino, Patent Number : 202241074372 A, Date of filing of Application :21/12/2022, Publication Date : 30/12/2022

Presented/ published Paper in International Conference

1. Presented paper in International conference on challenges and opportunities in renewable energy, smart systems and e-mobility (ICCORSE-2022), titled "An improved control strategy of low voltage ride through enhancement capability for DFIG based wind turbine: A Review", organized by the Department of Electrical Engineering, Easwari engineering college, Ramapuram, India during 7th –8thOctober 2022
2. Presented paper in International conference on Smart energy and advancement in power technologies titled "Power generation for street lights using Smart Tiles, Floor & Piezoelectric Shoes for mobile battery charging along with GPS tracker shoes", organized by the Department of Electrical Engineering, in National Institute of Technology Jamshedpur, Jharkhand, India during 6th –8thSeptember 2021.
3. P. Srinivasan, D. Sivakumar, P. Rayavel, M. Mohammed Ishaq, A. ArumugaNainar, and K. Saravanan (2020), "Design and Implementation of Three-Phase SEPIC-Based

Photovoltaic System”, Proc .6th international conference on intelligent computing and applications, Advances in Intelligent Systems and Computing, Volume 1369, ISSN 2194-5357, pp 577-592.

4. Presented paper in International conference on Innovation and Research in Marine Electrical & Electronics Engineering, ICIRMEEE 2018 titled “The Coordination control of Voltage and Reactive power between SVC and DFIG after LVRT”, on 27th and 28th September 2018 at AMET Academy of Maritime Education and Training.
5. Presented paper in International conference in Smart structures and systems titled “LVRT Enhancement Capability of DFIG based WECS using PI Controller”, on 28th march 2018 at Saveetha engineering college.
6. Presented a Paper in International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-informaticstitled “LVRT Enhancement capability of DFIG based wind energy conversion system using STFCL”, at Prathyusha engineering college 27th and 28thFebruary 2018.
7. Presented a Paper in Joint International Conference on Intelligent Computing and Applications and Power, Circuit and Information Technologies “Modelling and Simulation of HVRT and LVRT Enhancement capability for DFIG based wind Energy conversionsystems”, at Velammal Engineering college on 2-3 February 2018.
8. Presented a Paper in International Conference on International Conclave on Renewable Energy Systems & Technology-ICREST 16“An Improved Wind Energy conversion system Enhancement of Energy Scavenging Capability for Low Cut in Speeds”, at Saveetha University during 06-08 April 2016.
9. Presented a Paper in International Conference on “A Novel Wind Turbine system using NPC Topology-BBC by Open Switch Fault Detection method”, on Applied Theoretical science and Technology, at Hotel Radha Regent on 19 April 2016.
10. Presented a Paper in Second International Conference on “Implementation SCADA system for Industrial environment using IEEE C37.1 standards”, Human Computer Interactions (ICHCI 16) at Saveetha University on 10& 11 March 2016.
11. Presented a Paper in International Conference on Emerging Trends in Engineering Technology- ICETET 2015 titled “Hybrid Active Filters performance for Renewable power generation systems” conducted by Nehru Institute of Engineering & Technology on 27 March 2015.
12. Presented a Paper in National Conference on Recent trends in Engineering &

Technology (NCRTEET-2014) titled “Improvement of Stability & Dynamic performance of DFIG based wind power generator by Superconducting Magnetic Energy Storage system” conducted by St. Joseph Institute of Technology, on 5th April 2014.

13. Presented a Paper in Second National Conference on Recent Trends In Electrical Engineering (RTEE-12) titled “Design and Implementation of Direct AC-AC Converters using Switching Modules Applied to Voltage Restorers” conducted by Gojan School of Business and Technology, Chennai during 3rd March 2012.

14. Presented a Paper in National Conference on Recent Trends In Electrical Engineering (NCRTEEE-12) titled “Design and Implementation of Direct AC-AC Converters using Switching Modules Applied to Voltage Restorers” conducted by P.B. College of Engineering, Chennai during 2nd March 2012

15. Presented a Paper in International Conference on Smart structures and system titled “Enhanced Power Harvesting for Wind Energy Conversion System with Low Cut-in Speed” conducted by Saveetha Engineering college, Chennai during 5nd March 2012

Membership

1. International Association of Engineers (IAENG), Member Id: 207986, 2019
2. International Society For Research and Development (ISRD), Member Id: M4150905080, 2018
3. International Society for Development and Sustainability (ISDS), Member Id: M007405, 2018
4. The Society of Digital Information and Wireless Communications (SDIWC), Member Id: 25113, 2019
5. Teaching and Education Research Association (TERA), Member Id: TERA-M19101127, 2019
6. Institute For Engineering Research and Publication, (IFERP), Member Id: PM24865391, 2020