

List of Research Publications

Research Articles:

- [1] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Comparative Study and Performance Evaluation of Analytical Methods for Surface Mounted Permanent Magnet Brushless Motors”, IET Power Electron., Vol. 9, No. 11, pp. 2289-2297, 2016
- [2] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Analysis of Permanent Magnet Brushless AC Motor Using Two Dimensional Fourier Transform”, IET-Electric Pow. Appl., Vol. 10, No. 6, pp. 539-547, 2016
- [3] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Generalized Space Fourier Transform method for the analysis of Electrical Machines”, Industrial Engineering, Management Science and Applications 2015, Lecture Notes on Electrical Engineering (LNEE), Vol. 349, pp. 617-627, 2015
- [4] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Analysis of Permanent Magnet Brushless AC Motor Using Two Dimensional Fourier Transform-Parseval’s Theorem Approach”, Theory and Applications of Applied Electromagnetics, Lecture Notes on Electrical Engineering (LNEE), Vol. 344, pp. 185-195, 2015
- [5] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Equivalence between slip ring and sheet rotor induction motor”, Inst. of Engineers B (IEIB), DOI 10.1007/s40031-015-0193-5, March 2015
- [6] Srivastava, R.K., Singh, S.K., **Dwivedi, A.**, Gollapudi, S., “PM enhanced sensing- a tool to study PMSM/AC motors”, International Journal on Smart Sensing And Intelligent Systems, Vol. 6, No. 4, pp. 1456-147, September 2013

Conferences:

- [1] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Analysis and Performance Evaluation of Axial Flux Permanent Magnet Motors”, IEEE-IAS Annual Society Meeting, Portland, Sept., 2016 (presented)
- [2] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Analysis of Axial Flux Permanent Magnet Motors using Fourier Transform Approach”, IEEE Power Electronics and Drives Conference (PEDES), 16-19 Dec. Kerala (accepted)

- [3] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Line Start Permanent Magnet AC Motor with Conducting Sleeve”, International Transportation and Electrification Conference (ITEC’15), pp. 1-5, August 2015
- [4] Gupta S.K., **Dwivedi A.**, Srivastava R.K., “Fabrication of Dual-stator Permanent Magnet Synchronous generator”, Annual IEEE India Conf. (INDICON), pp. 1-5, 17-20 Dec. 2015, Delhi, India
- [5] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Generalized Space Fourier Transform Method in the analysis of Electrical Machines”, International Conference on Industrial Engineering, Management Science and Applications (ICIMSA), 26-28 May 2015, Tokyo, Japan
- [6] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Analysis of Permanent Magnet Brushless AC Motor Using Two Dimensional Fourier Transform-Parseval’s Theorem Approach”, Applied Electromagnetics International Conference (APPEIC) 2014, 16th-18th December 2014
- [7] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Performance Comparison of Different Topologies of PMBLAC Motor using FEM”, IEEE Power Electronics and Drives Conference (PEDES), pp. 1-5, 16th-18th December, 2014
- [8] Kushwaha D., **Dwivedi A.**, Reddy R., Srivastava R.K., “Study of 8/12 Flux Reversal Machine as an Alternator”, National Power Systems Conference (NPSC), pp. 1-4, 16th-18th December 2014
- [9] Kumar S., Verma T., **Dwivedi A.**, Srivastava R.K., “Fabrication and comparison of linear power supplies for low-moderate voltage applications”, IEEE Power and Energy systems Conf. (PESTSE), pp. 1-4, 2014
- [10] **Dwivedi A.**, Singh S.K., Srivastava R.K., “Feasibility Study of Fault Tolerant BLAC motor using PM Enhanced Sensing”, IEEE Texas Instruments India Educators Conference (TIIEC), pp. 216-221, 2013
- [11] Srivastava R.K., Singh S.K., **Dwivedi A.**, Gollapudi S., “Operation of BLAC motor using PM Enhanced Sensing of Internal EMF Variation”, IEEE Sixth International Conference on Sensing Technology (ICST), pp. 336-340, 2012