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**Publications**(Last 5 years)

1. **Govindaraju, C** and Baskaran, K “Efficient sequential switching hybrid modulation techniques for cascaded multilevel inverter”, **IEEE Transactions on Power Electronics**, Vol. 26, No. 6, pp.1639-1648, 2011. (**Annexure I**)
2. **Govindaraju, C** “Efficient sequential switching hybrid modulation techniques for multiphase multilevel inverters”, **IET Power Electronics** Vol. 4, No. 5, pp. 557-569, 2011. (**Annexure I**)
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4. **Govindaraju, C** and Baskaran, K “Efficient hybrid carrier based space vector modulation for cascaded multilevel inverter”, **Journal of Power Electronics**, Vol. 10, No. 3, pp. 277-284, 2010. (**Annexure I**)
5. **Govindaraju, C** and Baskaran, K “Analysis and implementation of multiphase multilevel hybrid single carrier sinusoidal modulation”, **Journal of Power Electronics**, Vol. 10, No. 4, pp. 365-373, 2010. (**Annexure I**)
6. Santhosh T K, Natarajan, K and **Govindaraju C**, ‘Synthesis and Implementation of a Multi-Port DC/DC Converter for Hybrid Electric Vehicles’, **Journal of Power Electronics**, vol.15, no.5, pp. 1178-1189, & 2015. (**Annexure I**)
7. Santhosh T K and **Govindaraju C**, ‘Dual Input Dual Output Power Converter with One-step-ahead Control for Hybrid Electric Vehicle Applications’, **IET Electrical Systems in Transportation**, vol.7, no.3, pp. 190-200, 2017. (**Annexure I**)
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10. Santhosh T K and **Govindaraju C**, ‘Modeling and Simulation of Predictive Voltage Control for a Multi-Port DC/DC Converter’, **Middle East Journal of Scientific Research**, vol.23, no.12, pp. 2913-2919, 2015. (**Annexure II**)

11. Santhosh T K and **Govindaraju C**, 'Inductor Current Based Fault Diagnostic System for Four Port DC/DC Converter', **International Journal of Electrical Electronics and Computer Science Engineering**, vol.2, no.5, pp. 43-48, 2015. (**Annexure II**)

12. **Govindaraju, C.** “Hybrid phase shifted carrier modulation fed five-phase multilevel inverter for multiphase induction motor drive”, **International Journal on Power Electronics**, Vol. 5, No. 1, pp.45-55, 2013. **(Annexure II)**
13. **Govindaraju, C.** and Baskaran, K. “Performance analysis of cascaded multilevel inverter with hybrid phase shifted carrier modulation”, **Australian Journal of Electrical and Electronics Engineering**, Vol. 7, No. 3, pp. 121-132, 2010. **(Annexure II)**
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15. Santhosh T K and **Govindaraju C**, ‘Stability Analysis and Control Design of a Four Port DC/DC Converter’, **Journal of Electrical Engineering and Power Electronics**, vol.1, no.1, pp. 8-18, 2015.
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20. Marimuthu, P and **Govindaraju, C** “ Simulation of Bilateral contracts in multi-area Hydrothermal system under open market system”, **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering**, Vol. 1, No. 3, pp. 159-167, 2012.
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42. A. Franklin Alex Joseph and **C.Govindaraju** ‘Channel selection using glow swarm optimization and its application in line of sight secure communication,’ **Cluster Computing, Springer Journal**, DOI 10.1007/s10586-017-1177-9, 2017. (**Annexure I**)