Total publications - 114 Journals - SCI - 14, Scopus indexed - 26, Other refereed - 7 no. Conference Papers – International - 56, National – 11, Scopus indexed - 3, ASME – 5.

## **JOURNAL PAPERS:**

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- 3) K.Nantha Gopal and Rayapati Subbarao, 'Experimental investigation and performance evaluation of DI Diesel engine fueled by waste oil-diesel mixture in emulsion with water', **Journal of Thermal Science**, 2009, vol. 13(3), pp. 83-89. (**Scopus indexed**, **SCI**)
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- 5) K. Nantha Gopal, Rayapati Subbarao, R. Natarajan, Sanjay Jain, Fulender K and Ram Vinoy K, 'Experimental Investigation on the Performance and Emission Characteristics of Two-Stroke Spark Ignition Engine with Hydrogen as Supplementary Fuel', **Journal on Future Engineering & Technology**, 2009, vol.4(4), pp. 22-28.
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- 10) Rayapati Subbarao and M.Govardhan, 'Effect of speed ratio on the performance and flow field of a counter rotating turbine', Journal of Energy Procedia, 2014, vol. 54, pp. 580-592. (Scopus indexed)
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- 14) Sai Sarath Kruthiventi, Subbarao Rayapati, Sai Nikhil Velpula and Manideep Parmi, 'Experimental studies involving flow visualization over non-circular geometries', **Recent Advances in Chemical Engineering**, 2016, pp. 21-28.
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