

Dr.R.B.ANAND

LIST OF PUBLICATIONS

1. Materials, Innovations and Future Research Opportunities on Wind Turbine Blades—Insight Review, N. Karthikeyan, R.B. Anand, T. Suthakar, Shubham Barhate, Environmental Progress & Sustainable Energy Volume 38, Issue 3, First published: 05 October 2018.
2. A STUDY ON REPAIRING PROCEDURES INVOLVED WITH LEADING EDGE CRACKS, OFFSETTING, OVERBITE & UNDERBITE OF GLASS FABRIC REINFORCED COMPOSITE BASED WIND TURBINE BLADES (2019), Sunilkumar, H.S, R.B. Anand, Scientia and Iranica International, Journal of science and Technology.
3. Performance, Combustion and Emission Characteristics of a D.I. Diesel Engine Fuelled with Nanoparticle Blended Jatropha Biodiesel , (2015) , Prabu Arockiasamy, Anand R.B. Periodica Polytechnica, Mechanical Engineering 59(2).
4. Influence of oxygenate additives on the performance and emission characteristics of Jatropha fuelled direct injection diesel engine(2015), Prabu Arockiasamy, Anand R.B. Biofuels 5(6):1-6.
5. Emission control strategy by adding alumina and cerium oxide nano particle in biodiesel, (2015), Prabu Arockiasamy, Anand R.B. Journal- Energy Institute 89(3).
6. Inhibition of NO emission by adding antioxidant mixture in Jatropha Biodiesel on the performance and emission characteristics of a C.I. Engine(2015), Prabu Arockiasamy, Anand R.B. Frontiers in Energy 9(2).

7. Production characterization and working characteristics in DICl engine of Pongamia biodiesel,(2015), Srinivasa rao Muthe, Anand R.B.Ecotoxicology and Environmental Safety 121.
8. Performance and emission characteristics improvement studies on a biodiesel fuelled DICl engine using water and AlO(OH) nanoparticles(2016), Srinivasa rao Muthe, Anand R.B.,Applied Thermal Engineering 98.
9. Influence of Antioxidant Addition in Jatropha Biodiesel on the Performance, Combustion and Emission Characteristics of a DI Diesel Engine ,(2017), Prabu Arockiasamy, Anand R.B. , Journal of The Institution of Engineers (India) Series C 99(2):1-10.
10. Effects of oxygenate additive mixture on the performance and emission characteristics of a biodiesel fuelled compression ignition engine,(2018), Prabu Arockiasamy, Anand R.B. , Australian Journal of Mechanical Engineering 17(1):1-6.
11. Parametric study on impact of delamination on flutter velocity of wind turbine blade structure,(2018),H.S.Sunilkumar, Anand R.B. , AIP Conference Proceedings 2039(1):020040INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018).
12. A case study on damage detection of wind turbine composite blade,(2019), H.S.Sunilkumar, Anand R.B. ,FME Transactions 47(1):135-141.

13. Numerical Investigation on Vibration and Stability of Cutting Fluid Delivery Viscoelastic Conduits,(2019), H. S. Sunil Kumar, R. B. Anand & D. L. Prabhakara ,Arabian Journal for Science and Engineering volume 44, pages5765–5778.

14. CFD Analysis of Flow and Performance Characteristics of a 90°curved Rectangular Diffuser: Effects of Aspect Ratio and Reynolds Number,(2019), Rakesh Kumaraswamy, Karthikeyan N, Anand r b, International Journal of Turbo and Jet Engines.

15 .The insight investigation on the performance affecting parameters of Micro wind turbines,(2019), Karthikeyan N, Anand r b,,Charan Jirra,Tanay Kanungo,IOP Conference Series Earth and Environmental Science 268:012159.

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