## **Publications:**

- Syed Yousufuddin, "Effect of Heat Transfer through the Cylinder Wall on Performance of an Air-Standard Otto Cycle", Journal of Multidisciplinary Engineering Science and Technology (JMEST), ISSN: 2458-9403, Vol. 4 Issue 10, October – 2017.
- Syed Yousufuddin," Effect of Combustion Duration on the operating and Performance Characteristics of A Hydrogen-Ethanol Dual Fueled Engine: An Experimental Analysis", International Journal of Advances on Automotive and Technology, Promech Corp. Press, Istanbul, Turkey, Vol. 1, No. 1, pp. 36-45, October, 2016.
- 3. Syed Yousufuddin, Sultan Ali, Naseeb Khan, Syed Nawazish Mehdi, "Exhaust Gas Simulation of Hydrogen–Ethanol Dual Fuel", Electronic Journal of Energy & Environment, vol no.1, issue:2, 30th August 2013, pp.9-15.
- 4. Syed Yousufuddin, K.Venkateswarlu, Naseeb Khan, "A computational study to investigate the effects of insulation and EGR in a diesel engine", International Journal of Energy and Environment, vol no.3, issue:2, January 2012, pp.247-266.
- 5. Syed Yousufuddin, K. Venkateswarlu, Sastry, "Effect of Compression Ratio and Equivalence Ratio on the Emission Characteristics of a Hydrogen-Ethanol Fuelled Spark Ignition Engine", International Journal of Advanced Science and Technology vol no. 40, March 2012, pp. 91-100.
- Sastry, K. Venkateswarlu, Syed Yousufuddin Murthy, "Performance, Vibration and Emission Analysis of Diesel Engine Fuelled with Fish Oil Bio Diesel Blends", International Journal of Advanced Engineering Technology, vol no.3, issue: 1, January 2012, pp. 116-120.
- 7. Syed Yousufuddin, Naseeb Khan, Balu Naik, "Performance and Emission Characteristics of a Diesel Engine with Kanuga and Cotton Seed Oil as Alternate Fuels", International Journal of Mechanics and Thermodynamics, vol no.1, issue: 1, 2010, pp. 1-11.
- 8. K. Kishore, V.V. Satyanarayana, Syed Yousufuddin, "Optimization of Machining Parameters for Titanium Alloys", International Journal of Materials Science, vol no.4, issue: 2, 2009, pp. 135-140.

- 9. Syed Yousufuddin, Mohammad Masood," Effect of ignition timing and compression ratio on the performance of a hydrogen-ethanol fuelled engine", International Journal of Hydrogen Energy, DOI:10.1016/j.ijhydene.2009.05.122, vol no.34, issue:16, August 2009, pp. 6945-6950.
- 10. Syed Yousufuddin, Syed Nawazish Mehdi, Mohammad Masood," Performance Evaluation of a Hydrogen-Ethanol Fuelled Engine", International Journal of Energy Technology and Policy (IJETP), DOI:10.1504/IJETP.2009.027283, vol no.7, issue:2, 2009, pp. 213-228.
- 11. K. Kishore, Venkata Subbaiah, Syed Yousufuddin," Noise Balance in Internal Combustion Engines", International Journal of Applied Engineering Research ISSN 0973-4562, vol no.4, issue:5, May 2009, pp. 767-771.
- 12. Syed Yousufuddin, Syed Nawazish Mehdi, Mohammad Masood, "Performance and Combustion Characteristics of a Hydrogen-Ethanol Fuelled Engine", Energy & Fuels, American Chemical Society, DOI:10.1021/ef800309b, vol no.22, issue:5, September 2008, pp. 3355-3362.
- 13. Syed Yousufuddin, Syed Nawazish Mehdi, "Exhaust Emission Analysis of an Internal Combustion Engine Fuelled with Hydrogen-Ethanol Dual Fuel", International Journal of Engineering, IJE, Iran, Transactions B: Applications, ISSN 1025-2495, e-ISSN 1735- 9244, vol no.21, issue:2, August 2008, pp. 203-210.
- 14. Syed Yousufuddin, Syed Nawazish Mehdi, "Effect of Ignition Timings, Equivalence Ratio, and Compression Ratio on the Performance and Emission Characteristics of a Variable Compression Ratio SI Engine", International Journal of Engineering, IJE, Iran, Transactions B: Applications ISSN 1025-2495, e-ISSN 1735-9244, vol no.21, issue:1, April 2008, pp. 97-106.
- 15. Syed Yousufuddin, Syed Nawazish Mehdi, "Performance and Emission Characteristics of LPG Fuelled Variable Compression Ratio SI Engine", Turkish Journal of Engineering & Environment Science, Turkey, ISSN 1300-0160 Electronic ISSN 1303-6157, vol no.32, issue:7, February 2008, pp. 07-12.
- 16. K. Kishore, Gopal Krishna, Syed Yousufuddin, "Performance of a Drill Reamer (DReamer) Combination Tool", Journal of Advanced Research in Mechanical

- Engineering, ISSN: 1737-9318, ISSN: 1737-9326, vol no.01, issue:02, February 2010, pp. 17-21.
- 17. Syed Yousufuddin, Syed Nawazish Mehdi, Masood, Manzoor Hussain, "Effect of Compression Ratio on the Performance of an Internal Combustion Engine fuelled with Hydrogen-Ethanol Dual Fuel", Technology Spectrum, Journal of JNTU, Hyderabad, India, ISSN 0974-6854, vol no.02, issue:03, February 2008, pp. 101-112.
- 18. Masood, Syed Yousufuddin, "Performance Evaluation of an I.C Engine (S.I) using Biogas as Fuel with Petrol Blends-A Case Study", Conference Proceedings ASME, International Solar Energy Conference (ISEC 2004), Doubletree Lloyd Center, Portland, Oregon, USA., July 11-14, 2004, ISEC2004-65121, pp. 01-06.
- 19. Syed Yousufuddin, Syed Nawazish Mehdi, Masood, "Investigations on Variable Compression Ratio Engine using Ethanol Blends- A Case Study", 2 nd BSME-ASME International Conference on Thermal Engineering Mechanical Engineering Department, Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh, January 2-4, 2004, vol 1, TS#153, pp. 555-560.
- 20. Syed Yousufuddin, Syed Nawazish Mehdi, "Non Conventional Gaseous Fuels for I.C Engines – A Comparative Study", ASME Conference-Engineering Systems Design and Analysis (ESDA 2002), Istanbul Technical University, Turkey, July 8-11, 2002, ESDA2002/ATF-018.
- 21. Naseeb Khan, B. Balu Naik and Syed Yousufuddin, "Experimental Investigation of the Suitability of Hydrogen with Cottonseed Oil as Alternate Fuel for IC Engines: A Review", 6 th National Conference on AdvancesinMechanicalEngineering Under TEQIP II (AIM-2016), October 6-7, 2016, pp.34-43.
- 22. P.Venkateswara Rao, Buchiah, Syed Yousufuddin, "Effect of Geometrical Parameters on the Pressure Drop and Heat Transfer Characteristics of a Plate Fin-Tube Heat Exchanger", International Conference on Computational Methods in Engineering & Sciences (IC-CMES '09), Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, India, January 8-10, 2009, pp. 608-616.

- 23. Syed Yousufuddin, "Performance and Emission Characteristics of C.I Engine using Diesel -Water Surfactant as Fuel", International Conference & XX National Conference on I.C. Engines and Combustion (ICONICE 2007), organized by Jawaharlal Nehru Technological University, Kukatpally, Hyderabad, India, December 6-9, 2007, pp. 183- 186.
- 24. Syed Yousufuddin, Bhagwan Reddy, "Performance of diesel engine using Biofuels (Karanja oil & Cotton seed oil", International Conference on Bio-Fuels Vision 2015, organized by Engineering college Bikaner, Rajasthan, India, October 13-15, 2006, Paper no:126.
- 25. Syed Yousufuddin, A.Srinivas, "A Novel Approach to enhance the efficiency of Catalytic Converter using alternate Catalyst in S.I Engines", National Conference on Advances in Mechanical Engineering (AIM-2005), conducted by Department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad-31, India, May 13-14, 2005.
- 26. Syed Yousufuddin, A.Srinivas, "A Novel Approach to enhance the efficiency of Catalytic Converter using alternate Catalyst in S.I Engines", National Conference on Advances in Mechanical Engineering (AIM-2005), conducted by Department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad-31, India, May 13-14, 2005.
- 27. Syed Yousufuddin, Kolluri, "Performance Evaluation of Methanol Blended Fuels in S.I Engines", National Conference on Emerging Trends in Thermal Engineering Competitive Manufacturing and Management (TECM 2005), organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Engineering, Chennai, Tamil Nadu, India. May 13-14, 2005, January 24-25, 2005.
- 28. Kolluri, Syed Yousufuddin, "Experimental Study of Plastic Moulding Process using Theromocole as Pattern Material", National Conference on Emerging Trends in Thermal Engineering Competitive Manufacturing and Management (TECM 2005), organized by Department of Mechanical Engineering, St.Joseph's College of Engineering, Chennai, Tamil Nadu, India. May 13-14, 2005, January 24-25, 2005.

- 29. Kolluri, Syed Yousufuddin, "NDT-An overview", National Seminar on "Recent Advances in Mechanical Engineering" (RAME-2004), January 16-17, 2004, pp.MD-38- MD-43.
- 30. Syed Yousufuddin, Kolluri, "Investigations of Ethanol Blends on a Flexible Fuel Engine", National Seminar on "Recent Advances in Mechanical Engineering" (RAME2004), May 13-14, 2005, January 16-17, 2004, pp.EN-30-EN-40.
- 31. Syed Yousufuddin, "Recovery of Heat from S.I Engine Exhaust", National Seminar on modern trends in Automobile (NSMTA), Raja Ram Bapu Institute of Technology (R.I.T), Sangli, INDIA, May 13-14, 2005, August 1-2, 2002, pp.203-206.
- 32. Syed Yousufuddin, "Hydrogen-Ethanol Dual Fuel For Future Engine Fuel Demands", Book Publisher: LAP LAMBERT Academic Publishing, Germany, ISBN-10: 3659268003, ISBN-13: 978-3659268007, October 10, 2014. <a href="http://www.amazon.com/Hydrogen-EthanolDual-Fuel-Future-Demands/dp/3659268003">http://www.amazon.com/Hydrogen-EthanolDual-Fuel-Future-Demands/dp/3659268003</a>
- 33. Syed Yousufuddin, Engineering Textbook for undergraduate course titled "THERMODYNAMICS", SURE Publications, Hyderabad-44, A.P, 2004.
- 34. Syed Yousufuddin, Published a book chapter titled "Performance of diesel engine using bio fuels (Cotton seed oil and Kanuga oil)" in the book "Biodiesel: Performance Evaluation of Internal Combustion Engines" that is be published by Aavishkar Publishers (India) in 2008. ISBN: 10: 8179102602 ISBN: 13: 97881791