

- [1] **N. N. Deshmukh**, A. Ansari, P. Kumar, A. V George, F. J. Thomas, and M. S. George, "Effect of position of radial air injection plane on control of thermo-acoustic instability using active closed-loop method," *J. Vib. Control*, no. September, p. 107754632110501, Oct. 2021.
- [2] **N. N. Deshmukh** and S. D. Sharma, "Different Experimental Approaches for Characterization of Thermo-acoustic Instabilities," *J. Inst. Eng. Ser. C*, vol. 102, no. 3, pp. 673–681, 2021.
- [3] Badal Kudachi; Nitin Satpute; **N. N. Deshmukh**; Bipin Mashilkar, "Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fueled with Cottonseed Biodiesele," *Adv. Appl. Mech. Eng.*, pp. 205–213, 2020.
- [4] **N. N. Deshmukh** and S. D. Sharma, "Coefficient of Rayleigh Index based performance evaluation of radial micro jet injection technique for thermo-acoustic instability control," *Measurement*, vol. 151, pp. 1–7, 2020.
- [5] H. Prajapati and **N. N. Deshmukh**, "Design and development of thin wire sensor for transient temperature measurement," *Meas. J. Int. Meas. Confed.*, vol. 140, pp. 582–589, Jul. 2019.
- [6] S. U. Sawant, S. J. Chauhan, and **N. N. Deshmukh**, "Effect of crack on natural frequency for beam type of structures," *AIP*, vol. 1859, 2017.
- [7] **N. N. Deshmukh** and S. D. Sharma, "Experiments on heat content inside a Rijke tube with suppression of thermo-acoustics instability," *Int. J. Spray Combust. Dyn.*, vol. 9, no. 2, pp. 85–101, 2017.
- [8] A. Sawant, **N. N. Deshmukh**, S. Chauhan, M. Dabhadkar, and R. Deore, "Design and analysis of lifting tool assemblies to lift different engine block," *AIP*, vol. 1859, 2017.
- [9] A. Shaikh and N. Deshmukh, "Simulation and Experimental Study of Acoustic Waves for Cleaning of Soot in Process Equipments," *Adv. Intell. Syst. Res.*, vol. 137, pp. 242–251, 2017.
- [10] **N. N. Deshmukh** and A. Vishwanath, "Experimental and Simulation Study of Modified Acoustic Horn Design for Sonic Soot Cleaning," *Innov. Des. Dev. Pract. Aerosp. Automot. Eng.*, pp. 117–134, 2017.
- [11] N. Vivekraj Selvaraj and **N. N. Deshmukh**, "Experimental and Simulation Study to Reduce Engine Noise," *Indian J. Sci. Technol.*, vol. 9, no. 34, 2016.
- [12] **N. N. Deshmukh** and S. D. Sharma, "Suppression of thermo-acoustic instability using air injection in horizontal Rijke tube," *J. Energy Inst.*, vol. 90, no. 3, pp. 485–495, 2017.
- [13] **N. N. Deshmukh** and S. D. Sharma, "Effect of pointed and diffused air injection on premixed flame confined in a Rijke tube," *Cogent Eng.*, vol. 3, no. 1, p. 1156280, Dec. 2016.
- [14] A. I. Shaikh and **N. N. Deshmukh**, "Theoretical, Simulation and Experimental Analysis of Sound Frequency and Sound Pressure Level of Different Air Horn Amplifier," *Int. J. Eng. Res. Technol.*, vol. 4, no. 2, pp. 1027–1036, 2015.
- [15] **N. N. Deshmukh** and A. A. Patange, "Experimental and Analytical Study for Uncertainty in Strain Measurement," *Int. J. Eng. Res. Technol.*, vol. 3, no. 01, pp. 1–5, 2015.
- [16] U. Kantute, **N. N. Deshmukh**, and S. H. Kulkarni, "Vibration Measurement in an I.C. Engine Using Data Acquisition System," *Int. J. Eng. Stud.*, vol. 2, no. 1, pp. 975–6469, 2010.
- [17] **N. N. . Deshmukh** and D. N. . Malkhede, "Experimental performance analysis of single cylinder diesel engine with blends of food grain based and non-food grain based biodiesel," *World Acad. Sci. Eng. Technol.*, vol. 60, pp. 442–445, 2011.