Dr. C. DHANASEKARAN,
Professor & Head,
Vels Institute of Science, Technology & Advanced Studies (VISTAS), Chennai

INTERNATIONAL JOURNAL PUBLICATIONS

1. Parthiban, A., Dhanasekaran, C., Sivaganesan, S., & Sathish, S. (2020). Modeling on surface cut quality of CO2 laser cutting for Austenitic Stainless steel sheet. Materials Today: Proceedings, 21, 823–827.

2. Prakash, P., Dhanasekaran, C., Surya, K., Pius, K. V., Vishal, A. S., & Kumar, S. V. (2020). Gesture controlled dual six axis robotic arms with rover using MPU. Materials Today: Proceedings, 21, 547–556.

3. Selvam, P. T., Pugazhenthi, R., Dhanasekaran, C., Chandrasekaran, M., & Sivaganesan, S. (2020). Experimental Investigation on the Frictional Wear Behaviour of TiAlN Coated Brake Pads. Materials Today: Proceedings.

4. Kumar, I., & Dhanasekaran, C. (2020). Iron-based nanomaterial sheets for electromechanical applications. Materials Today: Proceedings.

5. Kumar, I., & Dhanasekaran, C. (2020). Behaviour Of Cottonseed Oil Blended With Single-Walled Carbon Nanotubes In, Direct Injection Single Cylinder Diesel Engine. Materials Today: Proceedings, 24, 2157–2162.

6. Kumar, I., & Dhanasekaran, C. (2020). Synthesizing of helical-single walled carbon nanotubes by chemical vapour decomposition for engine. Materials Today: Proceedings, 28, 2174–2179.

7. Kumar, M. U., Sivaganesan, S., Dhanasekaran, C., & Parthiban, A. (2020). Analysis of performance, combustion and emission parameters in di diesel engine by using mahua methyl ester along with nano metal additives titanium dioxide. Materials Today: Proceedings.

8. Arunkumar, S., Dhanasekaran, C., Muthuraman, V., & Kumar, T. V. (2020). Modelling and stress analysis of shaft used in hydraulic streeing pump. Materials Today: Proceedings.

9. Prakash, P., Dhanasekaran, C., Surya, K., Pius, K. V., Vishal, A. S., & Kumar, S. V. (2020). Wireless motion controlled dual six axis robotic arms with rover. Materials Today: Proceedings, 21, 465–469.

10. Kumar, I., & Dhanasekaran, C. (2019). Computational Modelling Of Nano-Composites (Single Walled Carbon Nanotubes) For Engine. Materials Today: Proceedings, 18, 4210–4216.

11. Kumar, I., & Dhanasekaran, C. (2019). A Review on Nano-Casing Of Jet Engine And Diesel Engine Using Single-Walled Carbon Nanotubes. Materials Today: Proceedings, 18, 5464–5471.

12. Kumar, I., & Dhanasekaran, C. (2019). Nanomaterial-Based Energy Storage And Supply System In Aircraft. Materials Today: Proceedings, 18, 4341–4350.

13. Sivaganesan, S., Ferdaus, F., Dhanasekaran, C., Sathishkumar, G., & Sivabalan, S. (2019). CFD Analysis of Aircraft Curved C-D Nozzle: Technical Note. International Journal of Vehicle Structures & Systems, 11(3).

14. Gopal, P., Raja, V. K. B., Chandrasekaran, M., & Dhanasekaran, C. (2017). Woven Hybrid Composites - Tensile and Flexural Properties of Jute Mat Fibres with Epoxy Composites. IOP Conference Series: Materials Science and Engineering, 183(1), 12001.

15. Dhanasekaran, C., & Mohankumar, G. (2016). Dual fuel mode DI diesel engine combustion with hydrogen gas and DEE as ignition source. International Journal of Hydrogen Energy, 41(1), 713–721.

16. Dhanasekaran, C., & Mohankumar, G. (2016). Hydrogen Gas as a Fuel in Direct Injection Diesel Engine. Journal of The Institution of Engineers : Series C, 97(2), 157–162.

17. Mohankumar, G., & Dhanasekaran, C. (2016). Port Fuel Injected Hydrogen in Dual Fuel Mode in Direct Injection Diesel Engine. JSIR Vol.75(01) [January 2016].

18. Dhanasekaran, C., & Mohankumar, G. (2014). Hydrogen Gas in Diesel Engine Using DEE as Ignition Source. Applied Mechanics and Materials, 591, 150–154.

19. Saravanan, N., Nagarajan, G., Sanjay, G., Dhanasekaran, C., & Kalaiselvan, K. M. (2008). Combustion analysis on a DI diesel engine with hydrogen in dual fuel mode. Fuel, 87(17), 3591–3599.

20. Saravanan, N., Nagarajan, G., Kalaiselvan, K. M., & Dhanasekaran, C. (2008). An experimental investigation on hydrogen as a dual fuel for diesel engine system with exhaust gas recirculation technique. Renewable Energy, 33(3), 422–427.

21. Saravanan, N., Nagarajan, G., Dhanasekaran, C., & Kalaiselvan, K. M. (2007). Experimental investigation of hydrogen port fuel injection in DI diesel engine. International Journal of Hydrogen Energy, 32(16), 4071–4080.

22. Saravanan, N., Nagarajan, G., Dhanasekaran, C., & Kalaiselvan, K. M. (2007). Experimental Investigation of Hydrogen Fuel Injection in DI Dual Fuel Diesel Engine. In SAE World Congress & Exhibition.

23. Saravanan, N., Nagarajan, G., Dhanasekaran, C., Kalaiselvan, K. M., & Sanjay, G. (2007). Studies on Port Injected Hydrogen in a Dual Fuel D.I. Diesel Engine. International Energy Journal, 8(4).

24. Saravanan, N., Nagarajan, G., Dhanasekaran, C., & Kalaiselvan, K. M. (2007). Performance and emission characteristics of hydrogen - diesel dual fuelled engine using port injection. Silniki Spalinowe, 148–156.