



# R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

R.S.M. NAGAR PUDUVOYAL – 601 206

DEPARTMENT OF MECHANICAL ENGINEERING

PAPER PUBLICATION BY FACULTY

Academic Year: 2019-20



1. Renugadevi, K., **Devan, P. K.**, & Thomas, T. (2019). Fabrication of Calotropis Gigantea fibre reinforced compression spring for light weight applications. Composites Part B: Engineering, 172, 281-289.
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4. **Bibin, C.**, Kannan, P. S., **Devan, P. K.**, & Rajesh, R. (2019). Performance and emission characteristics of a DI diesel engine using diestrol blends and diesel as fuel. International Journal of Enterprise Network Management, 10(2), 91-108.
5. Jayabalakrishnan, D., **Balasubramanian, M.**, Prabhu, P., & Suganya, G. Analysis Of Friction Stir Welding Between Dissimilar Materials Using Bobin Tool.
6. Kumar, R., & **Balasubramanian, M.** (2019). Analysis and comparison of diffusion bonded and friction welded Ti-6Al-4V and stainless steel joints with copper as interlayer. Materials Today: Proceedings.
7. **Balasubramanian, M.**, Kumar, R., & **Gopinath, S.** (2020). Multi-objective optimisation of friction welding parameters in joining titanium alloy and stainless steel with a novel interlayer geometry. Advances in Materials and Processing Technologies, 6(1), 25-39.
8. **S. Senthil kumar, C. Bibin** , J. Premnath (2019). Semi Pneumatic Four Stroke Engine. Studia Rosenthaliana (Journal for the Study of Research)
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13. **Prasath, B. R., & Devan, P. K.** (2019, November). Evaluation of Performance and Emissions of Ceramic Coated Turbocharged Direct Injection Diesel Engine operated with Diesel and Biodiesel Blends. In *IOP Conference Series: Materials Science and Engineering* (Vol. 653, No. 1, p. 012035). IOP Publishing.
14. **Devan, P. K., Gopinath, S., Rajesh, K., & Madhu, S.** (2019). Improving the characteristics of engine oil using nanofluid as coolant in combat vehicles. *Materials Today: Proceedings*.
15. **Gavaskar, S. S., & Madhu, S.** (2019). Torsional and compression properties of cylindrical glass fiber reinforced polymer composite. *Materials Today: Proceedings*.
16. **M. Balasubramanian.**(2019). Design and Fabrication of Multi Nozzle Battery Spray Pump. *International Journal of Advanced Science and Technology*.
17. **Loganathan, T. G., Vinoth Kumar, K., & Madhu, S.** (2019). Flexural and fatigue of a composite leaf spring using finite element analysis. *Materials Today: Proceedings*.
18. **Vinoth Kumar, K., Loganathan, T. G., & Madhu, S.** (2019). Wear characteristics of GFRP composites on exposure to rough surface. *Materials Today: Proceedings*.
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