

Faculty Profile



Mr. C. Parthasarathy

Assistant Professor (Selection Grade)

Department of Automobile Engineering,

Hindustan Institute of Technology and Science

cpsarathy@hindustanuniv.ac.in

Total Experience (in years): 12

Research Area: Bio Fuel, Alternative Fuels, Renewable Energy & Energy Storage.

Recent Publications:

A.S. Abrar Ahmed, V. Ayush Kumar, S. Gokul, P. Vijay, **C. Parthasarathy**, "Experimental Study of Wiper Operation Based on Four Bar Mechanism", International Journal of Engineering Applied Sciences and Technology, 2020, Vol. 4, Issue 10, ISSN No. 2455-2143, Pages 231-236.

A.S. Abrar Ahmed, V. Ayush Kumar, S. Gokul, P. Vijay, **C. Parthasarathy**, "Design and Analysis of Disc Brake Rotor using Different Profiles", International Journal of Engineering Applied Sciences and Technology, 2020 Vol. 4, Issue 9, ISSN No. 2455-2143, Pages 286-293.

Imad Ahmed Ameer, Kale Berth B. R, Kabilsh Kumar **C. Parthasarathy**, "Design & integration of a Flywheel-based Kinetic Energy Recovery System (KERS) for Heavy Duty Vehicles", International Journal of Engineering Applied Science and Technology, International Vol: 4 Issue: 10 February 2020.

D.Yuvarajan, **C.Parthasarathy**, " Emission Characteristics Study of Compression Ignition Engine Fueled with Biodiesel and Cerium Oxide Nanoparticle Blends", International Journal of Ambient Energy, International Vol: 42 Issue: 9, February 2019.

N. Beemkumar, A. Karthikeyan, **C. Parthasarathy**, " Heat Transfer Analysis of Latent Heat Storage System Using D-Sorbitol as PCM", ARPJ Journal of Engineering and Applied Sciences, International Vol: 10 No: 11, June 2015.

C.Parthasarathy, Amos Gamaleal David, Bradley Bright, " Redesign and Flow Analysis of An Automotive Injection Molded Component Using Computer Aided Engineering", International Journal of Applied Engineering Research, International Vol: 10 No: 8, 2015.