

RESUME

Name : Dr P.Saravanan
 E-mail : psaravanan@hindustanuniv.ac.in
 Designation : Associate Professor
 Degree (highest degree with year of graduation) : Ph.D 2013
 Experience : Industry : Academic :
 Nil 17years
 Specialization : Aerodynamics
 Research Area : Wind turbine aerodynamics



Publication details:

1.	R Ramkumar, P Saravanan, "Characterization of the Cellulose Fibers Extracted from the Bark of Piliostigma Racemosa", Journal of Natural Fibers, 1-15 (2021)
2.	R.Ramkumar, R.Prabu, V.Yamunadevi, P.Saravanan, P.Ganeshan, "Wear analysis of woven glass / nanofiller fiber reinforced hybrid composites" Materials Today Proceedings(2020)
3.	L Periyannan, D Subramaniam, P Saravanan, R Elayaraja, A Murugesan, "Performance and Emission Characteristics of a Naturally Aspirated Direct Injection Diesel Engine Fuelled with Calophyllum Inophyllum (Punnai) Methyl Ester", International Journal of Ambient Energy, pp. 1-26 (2020)
4.	P Vadivelu, D Lakshmanan, R Naveen, K Mathivannan, GY Kumar "Numerical study on Longitudinal control of Cessna 172 Skyhawk aircraft by Tail arm length" Material Science and Engineering, 764 (1), 012026, 2020.
5.	D Lakshmanan, P Saravanan, P Vadivelu, D Nivitha, MS Yaswanth "Performance Analysis of Medium Altitude Low-Cost Autonomous Quadcopter", Material Science and Engineering, 764 (1), 012037, 2020.
6.	Dr. P. Saravanan R Ramkumar "Assessment of Composites using Waste Sugarcane Bagasse Fibre and Wood Dust Powder", International Journal of Innovative Technology and Exploring Engineering, 9(5), 2126-2131, 2020.
7.	D Nivitha and M S Yaswanth D Lakshmanan, P Saravanan, P Vadivelu "Performance Analysis of Medium Altitude Low-Cost Autonomous Quadcopter", Materials Science and Engineering, 764 (012037), 2020.
8.	Subramaniam.D Periyannan.L, Saravanan.P, Elayaraja.R "Multi tube heat exchanger in counter flow by using cfd analysis", International Research Journal of Engineering and Technology, 7 (01), 1763 – 1771, 2020.
9.	Saravanan P, Parammasivam K.M. and Selvi Rajan, "Experimental investigation on small horizontal axis wind turbine rotor using winglets", Journal of Applied Science and Engineering, Vol. 16, No. 2, pp. 159- 164 (2013).
10.	Saravanan P, Parammasivam K.M. and Selvi Rajan, "Pressure distribution of rotating small wind turbine blades with winglet using wind tunnel", Journal of Scientific and Industrial Research, Vol. 71, pp. 425-429, 2012.
11.	P.Saravanan, S.Nadaraja pillai, K M Parammasivam "Aerodynamic characteristics of hypersonic vehicle with variable sweep back wing configuration" I-manager's Journal on Future Engineering and Technology, Vol.5, Pg 44-50,2009.
12.	Lakshmanan D, Saravanan P, Vadivelu P, "PERFORMANCE CHARACTERISTICS OF ONERA-M6 WING FOR HIGH ALTITUDE LONG ENDURANCE UNMANNED

RESUME

	AERIAL VEHICLES”, International Journal of Pure and Applied Mathematics, 119(18), 2353-2374, 2018.
13.	P Saravanan, K.M. Parammasivam, “Wind Forces on Rotating Small Wind Turbine Blade Tip using Wind Tunnel Measurements”, Asian Journal of Research in Social Sciences and Humanities, 6(5), 41-52, 2016.

Funded project details:

Sl. No	Title of the Project	Sponsoring Agency	Amount of Grant	Period	Present Status
1.	Electro Discharge Machining for smart material fabrication	MODROBS, AICTE.	6,10,000/-	March 2020	Completed
2.	Fabrication of two wheeler parts using E-Glass and kenal fiber	TNSCST	7,500/-	March 2020	Completed
3.	Measurements of six components of Forces and Moments on aircraft models	Aeronautical Research and Development board (AR&DB)	9,55,000/-	2012-2013	Completed

Consultancy project details:

Sl. No	Title of the Project	Sponsoring Agency	Amount of Grant	Period	Present Status
1.	Subsonic flow auto adjustable nozzle movement to maintain flow pressure	Tony Engineering Pvt. Ltd., Tirupur	2,00,000/-	2020	Completed
2.	Pressure regulating nozzle for automated machine table	Innovative Engineering Services, Coimbatore.	2,00,000/-	2019	Completed

Conference attended/organized: Attended: 6 Organized: 02

Workshop attended/ organized: Attended: 18 Organized: 06

Seminar attended/organized: Attended: 12 Organized: 11

