

List of Publications

- SM A. Jayapradha, G.Jims John Wessley, G.Vimalarani, P.Ramesh Kumar, RamSubbiah, Mathematical modeling and investigation on aluminium bronze MMC using ECM process, Materials Today, 2020.
- GJJW K Balaji, Experimental investigations on the performance of a modified co-flow jet aerofoil, Indian Journal of Science and Technology 13 (19), 1873-1881,2020.
- GJJ Wessley, S Chauhan, Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex, Indian Journal of Science and Technology 12, 22, 2019.
- SC G. Jims John Wessley, Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex, Indian Journal of Science and Technology 12 (22), 1-5,2019.
- PSH Jose, P.S., Kathires, M., Wessley, G.J.J., Jose, E-Waste: Environmental issues and management - A review, Indian Journal of Environmental Protection 39 (10), 954-958, 2019.
- R Subha Hency Jose, P., Jims John Wessley, G., Kotteeswaran, Efficacy of classical tuning method for nonlinear multi variable processes - A case study with fluidized bed coal gasifier, ARPN Journal of Engineering and Applied Sciences 14 (12), 2170-2184,2019.
- MD John Wessley, G.J., Srinivas, S., Azgar Ali, Preparation and characterization of an aluminium 6061 alloy based metal matrix composite, International Journal of Engineering and Advanced Technology 8 (3), 113-116,2019.
- GJ Chauhan, S., John Wessley, Thermodynamic performance analysis of a micro turbojet engine for UAV and drone propulsion, International Journal of Recent Technology and Engineering 7 (5), 1-6,2019.
- G Jims John Wessley, Design and modeling of a micro turbojet engine for UAV propulsion, International Journal of Engineering and Advanced Technology 8 (3), 722-726,2019.
- S Wessley, G.J.J., Pradeep, Parametric analysis of a dual combustion ramjet engine, International Journal of Recent Technology and Engineering 7 (6), 130-135,2019.
- PSH Jose, GJJ Wessley, R Kotteeswaran, EFFICACY OF CLASSICAL TUNING METHOD FOR NONLINEAR MULTI VARIABLE PROCESSES-A CASE STUDY WITH FLUIDIZED BED COAL GASIFIER,2019
- GJJW R. Krishnaraj, Performance Analysis of a Micro Turbofan Engine using Matlab and GSP Intended for the Propulsion of Male UAVs, International Journal of Pure and Applied Mathematics 118 (20), 157-163,2018.
- GJJ Wessley, S Chauhan, Parametric analysis of a down-scaled turbo jet engine suitable for drone and UAV propulsion, AIP Conference Proceedings 1952 (1), 020024, 2018.
- GJJ Wessley, AG Franklin, SJ Vijay, Fabrication and Mechanical Characterization of Stir Cast AA6063-Borosilicate-Fly Ash Hybrid Metal Matrix Composites, International Journal of Engineering & Technology 7 (3.6), 101-105,2018.
- S Chauhan, GJJ Wessley, Theoretical Design and Mass Modeling of a Single Spool Micro Turbojet Engine suitable for Drone and UAV Propulsion, International Journal of Pure and Applied Mathematics 119 (12), 16765-16772, 2018.
- JE Moses, I Jennitta, GJJ Wessley, Studies on Controllable Aircraft Rescue System for Passenger Aircrafts using Multi Parachutes and Parafoils, International Journal of Vehicle Structures & Systems 10 (1), 1-5,2018.
- P Subha Hency Jims, S Dharmalingam, G Wessley, An Improved Method to Control the Critical Parameters of a Multivariable Control System, MS&E 247 (1), 012006,2017.
- GJJ Wessley, Preliminary Investigation on the Effects of Shockwaves on Water Samples

Using a Portable Semi-Automatic Shocktube, IOP Conference Series: Materials Science and Engineering 247 (1), 012002, 2017.

PSH Jims, S Dharmalingam, GJJ Wessley, An Improved Method to Control the Critical Parameters of a Multivariable Control System, IOP Conference Series: Materials Science and Engineering 247 (1), 012006, 2017.

SC G. Jims John Wessley, Investigation on Scaling of Gas Turbine Engines for Drone Propulsion, International Journal of Engineering Technology, Management and Applied Research, 2017.

JE Moses, I Jennitta, GJJ Wessley, Controllable aircraft rescue system: Rescue system using multi parachute for passenger aircrafts with case study, 2017 First International Conference on Recent Advances in Aerospace ., 2017.

SS G. Jims John Wessley, R. Narciss Starbell, Modelling of Optimal Tilt Angle for Solar Collectors Across Eight Indian Cities, INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH 7 (1), 353-358, 2017.

G. Jims John Wessley, C.P. Jawahar, P. Koshy Mathews, Preliminary investigations on an air-cooled based low temperature flash evaporation desalination system for small-scale applications, Desalination and Water Treatment 57 (34), 15735 – 15739, 2017.