

List of Publications

- Mathematical modeling and investigation on aluminium bronze MMC using ECM process
SM A. Jayapradha, G.Jims John Wessley, G.Vimalarani, P.Ramesh Kumar, RamSubbiah
Materials Today 2020
- Experimental investigations on the performance of a modified co-flow jet aerofoil
GJJW K Balaji
Indian Journal of Science and Technology 13 (19), 1873-1881 2020
- Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex
GJJ Wessley, S Chauhan
Indian Journal of Science and Technology 12, 22 2019
- Modeling and Performance Simulation of a Micro Turbojet Engine Using Flownex
SC G. Jims John Wessley1
Indian Journal of Science and Technology 12 (22), 1-5 2019
- E-Waste: Environmental issues and management - A review
PSH Jose, P.S., Kathires, M., Wessley, G.J.J., Jose
Indian Journal of Environmental Protection 39 (10), 954-958 2019
- Efficacy of classical tuning method for nonlinear multi variable processes - A case study with fluidized bed coal gasifier
R Subha Hency Jose, P., Jims John Wessley, G., Kotteeswaran
ARPN Journal of Engineering and Applied Sciences 14 (12), 2170-2184 2019
- Preparation and characterization of an aluminium 6061 alloy based metal matrix composite
MD John Wessley, G.J., Srinivas, S., Azgar Ali
International Journal of Engineering and Advanced Technology 8 (3), 113-116 2019
- Thermodynamic performance analysis of a micro turbojet engine for UAV and drone propulsion
GJ Chauhan, S., John Wessley
International Journal of Recent Technology and Engineering 7 (5), 1-6 2019
- Design and modeling of a micro turbojet engine for UAV propulsion
G Jims John Wessley
International Journal of Engineering and Advanced Technology 8 (3), 722-726 2019
- Parametric analysis of a dual combustion ramjet engine
S Wessley, G.J.J., Pradeep
International Journal of Recent Technology and Engineering 7 (6), 130-135 2019
- EFFICACY OF CLASSICAL TUNING METHOD FOR NONLINEAR MULTI VARIABLE PROCESSES-A CASE STUDY WITH FLUIDIZED BED COAL GASIFIER
PSH Jose, GJJ Wessley, R Kotteeswaran
2019
- Performance Analysis of a Micro Turbofan Engine using Matlab and GSP Intended for the Propulsion of Male UAVs
GJJW R. Krishnaraj
International Journal of Pure and Applied Mathematics 118 (20), 157-163 2018
- Parametric analysis of a down-scaled turbo jet engine suitable for drone and UAV propulsion
GJJ Wessley, S Chauhan
2018

AIP Conference Proceedings 1952 (1), 020024
 Fabrication and Mechanical Characterization of Stir Cast AA6063-Borosilicate-Fly Ash Hybrid Metal Matrix Composites
 GJJ Wessley, AG Franklin, SJ Vijay 2018
 International Journal of Engineering & Technology 7 (3.6), 101-105
 Theoretical Design and Mass Modeling of a Single Spool Micro Turbojet Engine suitable for Drone and UAV Propulsion
 S Chauhan, GJJ Wessley 2018
 International Journal of Pure and Applied Mathematics 119 (12), 16765-16772
 Studies on Controllable Aircraft Rescue System for Passenger Aircrafts using Multi Parachutes and Parafoils
 JE Moses, I Jennitta, GJJ Wessley 2018
 International Journal of Vehicle Structures & Systems 10 (1), 1-5
 An Improved Method to Control the Critical Parameters of a Multivariable Control System
 P Subha Hency Jims, S Dharmalingam, G Wessley 2017
 MS&E 247 (1), 012006
 Preliminary Investigation on the Effects of Shockwaves on Water Samples Using a Portable Semi-Automatic Shocktube
 GJJ Wessley 2017
 IOP Conference Series: Materials Science and Engineering 247 (1), 012002
 An Improved Method to Control the Critical Parameters of a Multivariable Control System
 PSH Jims, S Dharmalingam, GJJ Wessley 2017
 IOP Conference Series: Materials Science and Engineering 247 (1), 012006
 Investigation on Scaling of Gas Turbine Engines for Drone Propulsion
 SC G. Jims John Wessley 2017
 International Journal of Engineering Technology, Management and Applied ...
 Controllable aircraft rescue system: Rescue system using multi parachute for passenger aircrafts with case study
 JE Moses, I Jennitta, GJJ Wessley 2017
 2017 First International Conference on Recent Advances in Aerospace ...
 Modelling of Optimal Tilt Angle for Solar Collectors Across Eight Indian Cities
 SS G. Jims John Wessley, R. Narciss Starbell 2017
 INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH 7 (1), 353-358
 Preliminary investigations on an air-cooled based low temperature flash evaporation desalination system for small-scale applications
 G. Jims John Wessley, C.P. Jawahar, P. Koshy Mathews
 Desalination and Water Treatment 57 (34), 15735 - 15739