

AERONAUTICAL ENGINEERING									
Number of books and chapters in edited volumes/books published and papers published in National/ International conf proceedings per teacher during last five years									
Sl No	Title of paper	Name of the author/s	Department of the teacher	Name of Conference	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi)		
							Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
2018-19									
1	Stress analysis of Al2014-T6 riveted splice joint fuselage structure using finite element analysis	Dr G Ramanan	Aeronautical Engineering	Int. Journal of Mechanical and production Engineering research and Development	2018	2249-6890	http://www.tjprc.org/view-archives.php?page=75&keyword=&from_date=&to_date=&id=67&jtype=2&journal=67	http://www.tjprc.org/journals/journal-of-mechanical-engineering	Scopus
2	fault recognition and isolation scheme for spacecraft propulsion system	Dr G Ramanan	Aeronautical Engineering	Proceedings of the International Conference on Smart Systems and Inventive Technology	2018	ISBN: 9781538658734	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/document/8748608	Scopus
3	Comparison of total electron content of IRNSS with IRI and GPS-TEC at equatorial latitude station	Dr.Mukesh R	Aeronautical Engineering	AIP Conference Proceeding	2018	ISSN: 0094243X	https://aip.scitation.org/	https://aip.scitation.org/doi/10.1063/1.5079004	Scopus
4	Fracture toughness and fatigue behavior of spider silk and S-glass epoxy composites: An FEM approach	Elangovan, R.R	Aeronautical Engineering	Materials Today: Proceedings	2018	22147853	doi.org/10.1016/j.matpr.2016.04.018	https://www.semanticscholar.org/paper/Fracture-toughness-and-fatigue-behavior-of-spider-Archana-Kumar/ae19567315f499817ca140d4c833f2c05c9cac9d	Scopus
2019-20									
5	Influence of Nanoparticles on Mechanical and Thermal Characterization of Hybrid Fiber Reinforced Polyester Composites	Dr G.Ramanan	Aeronautical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320330911	Scopus
6	Optimization of wire electrical discharge machining parameters of activated carbon reinforced aluminium composite	Dr G.Ramanan	Aeronautical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.3	Scopus
7	Intelligent particle swarm optimization for quality machining in advanced manufacturing process	Dr G.Ramanan	Aeronautical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320329266	Scopus
8	Influence of Cylindrical Threaded Tool Pin Profile on the Mechanical and Metallurgical Properties of FSW of ZE42 Magnesium Alloy	Dr G.Ramanan	Aeronautical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://link.springer.com/bookseries/11236	https://link.springer.com/chapter/10.1007/978-981-15-3631-1_23	Scopus

9	Error Diagnosis in Space Navigation Integration Using Wavelet Multi-Resolution Analysis with General Regression Neural Network	Dr G.Ramanan	Aeronautical Engineering	Smart Innovation, Systems and Technologies	2020	2190-3018	https://link.springer.com/book/10.1007/978-981-15-1616-0	https://link.springer.com/chapter/10.1007/978-981-15-1616-0_18	Scopus
2020-21									
10	Multi-response optimization of FSW process parameters of ZE42 alloy using RSM based grey relational analysis	Dr G.Ramanan	Aeronautical Engineering	Smart Innovation, Systems and Technologies	2021	2190-3018	https://link.springer.com/book/10.1007/978-981-33-4443-3	https://link.springer.com/chapter/10.1007%2F978-981-33-4443-3_13	Scopus
11	An aerodynamic performance study and analysis of SD7037 fixed wing UAV airfoil	Dr.Ramanan G, Radhakrishnan P	Aeronautical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321036270	Scopus
2021-22									
12	Performance Study and Analysis of an UAV Airfoil at Low Reynolds Number	Dr G.Ramanan	Aeronautical Engineering	Smart Innovation, Systems and Technologies	2022	2190-3018	https://link.springer.com/book/10.1007/978-981-33-4443-3	https://link.springer.com/chapter/10.1007/978-981-16-6482-3_11	Scopus
13	Investigation of bio degradable natural fibers reinforced hybrid composites for aircraft structures	Dr.Ramanan G	Aeronautical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321070450	Scopus
14	Fabrication and wear characterization of stir cast AA7075-TiCp reinforced composite	Dr.Ramanan G	Aeronautical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321070462	Scopus
15	Static structural analysis and testing of aircraft wing spar using composite material	Dr.Ramanan G	Aeronautical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322029339	Scopus