



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru – 560074

Department of Aeronautical Engineering



Faculty Book/Book Chapters Publication Details in the Last five Years

Sl. No.	Title of Research Paper	Title of the Book/ Book Chapters published	Authors	Year	ISBN/ ISSN	Name of the Publisher
1.	Aerodynamic Analysis of Grid Fins Using HiFUN CFD Software	Advances in Science, Technology & Innovation	Dr.P.Theerthamalai	2024-25	2522-8722	Springer
2	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Advances in Science, Technology & Innovation	Dr.G.Ramanan, Ganesh.R,	2024-25	2522-8722	Springer
3	Investigation on variation of potential core in supersonic jets.	Advances in Science, Technology & Innovation	Dr. Ramanan.G, Ganesh.R,	2024-25	2522-8722	Springer
4	Aero Thermal Analysis of Plume Impingement on Lander Module	Advances in Science, Technology & Innovation	Dr.Inamul Hasan	2024-25	2522-8722	Springer
5	Enhancing Electron Beam Welding Parameters of Ni-Cr-718 Alloy using Taguchi based grey Relational Analysis.	Intelligent Manufacturing and Energy Sustainability	Dr.G.Ramanan, Ganesh.R	2024-25	2190-3018	Springer
6	Research Methodology	Research Methodology	Dr. Ramanan.G	2024-25	978-81 986197-1-6	REST Publisher
7	Cultural and Ethical Perspectives: Foundations for a Developed Bharat 2047	Viksit Bharat 2047	Ganesh.R	2023-24	978-93-6163-772-8	Shanlax Publications
8	Influence of MoS ₂ with TiC on the Tribological and Wear Properties of Hybrid Aluminum Composites	Smart Innovation, Systems and Technologies	Dr.G. Ramanan	2022 -23	2190-3018	Springer
9	Performance Study and Analysis of an UAV Airfoil at Low Reynolds Number	Smart Innovation, Systems and Technologies	Dr.G. Ramanan	2022 -23	2190-3018	Springer



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10	Flight Vehicle Design	Flight Vehicle Design	Dhanya Prakash R Babu, Satish Hiremath	2021-22	978- 195446197 0	InSc Internatio nal
11	Investigation of bio degradable natural fibers reinforced hybrid Composites for aircraft structures	Materials Today: Proceedings	Dr.G.Ramanan	2021 -22	2214-7853	Springer
12	Fabrication and wear characterization of stir cast AA7075-TiCp reinforced composite	Materials Today: Proceedings	Dr.G.Ramanan	2021-22	2214-7853	Springer
13	Error Diagnosis in Space Navigation Integration Using Wavelet Multi- Resolution Analysis with General Regression Neural Network	Smart Innovation, Systems and Technologies	Dr.G.Ramanan	2020 -21	2190-3018	Springer
14	Influence of Cylindrical Threaded Tool Pin Profile on the Mechanical and Metallurgical Properties of FSW of ZE42 Magnesium Alloy	Lecture Notes in Mechanical Engineering	Dr.G.Ramanan	2020 -21	2195-4356	Springer
15	Static structural analysis and testing of aircraft wing spar using composite material	Materials Today: Proceedings	Dr.G.Ramanan	2020 -21	2214-7853	Springer
16	Optimization of Wire Electrical Discharge Machining Parameters of Activated Carbon Reinforced Aluminium Composite	Alternative Energy Sources, Materials and Technologies	Dr.G.Ramanan, Manshankar V	2019 -20	978- 303573567 3	Scientific. Net


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