

Number of papers published in international journal during 2022-23

Sl. No.	Name of the Faculty	Title of the paper	Title of the journal	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	D.chandankumar,P.Vasanthi,A.Devaraju	Utilization of composite materials in manufacturing of paver blocks	Recent Advances in Materials and Modern Manufacturing	International	2022	ISBN 978-981-19-0244-4	Adhi college of Engineering and Technology.	Springer-Lecture Notes in Mechanical Engineering
2	D.chandankumar,P.Vasanthi,A.Devaraju	Evaluation of mechanical Properties on self-compacting concrete using sugar mill waste	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
3	N. Manikandan, J.s. Binoj, P. RameshRaju, P.C. Krishnamachary	Machinability investigations on wire electrical discharge machining of titanium alloy(Grade9) using Taguchi's approach	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
4	N. Manikandan, P. Thejasree, Ramesh Raju, D. Palanisamy	Investigations on wire electrical discharge machining of titanium alloys by tanguchi-Grey approach	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
5	N. Manikandan, D. Palanisamy, K.C.Varasasid, Ramesh Raju	Prediction of performance measures using multiple regression analysis for wire electrical discharge machining of titanium alloy	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
6	N. Manikandan, J.s. Binoj, P. Thejasree, P.C. Krishnamachary	Investigations on wire electrical discharge machining of Magnesium alloy	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
7	C. Prakash, P. Senthil, N. Manikandan, D. Palanisamy	Machinability investigations of aluminum metal matrix composite (LM26+graphite+Flyash) by using wire electrical discharge	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
8	J.s. Binoj, P. Thejasree, D. Palanisamy, B. Vishuvardhananaidu	Application of multiple regression analysis for wire electrical discharge machining of Ti-6Al-4V(Grade 5)	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
9	D. Arulkirubakaran, R. malkivaRasalin Prince, D. Palanisamy,	Evolution of industrial robots during mid of nineteenth century- beginning of twentieth century-a review	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
10	Ramesh raju, N. Manikandan, D. Palanisamy,	A Review of challenges and Opportunities in additive manufacturing	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
11	D. Palanisamy, A. Devaraju, K. L. Narasimhamu, P. Thejasree	Machinability Analysis and development of Hybrid Grey-ANFIS Model in Machining of (OCr17Ni4Cu4Nb)	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
12	D. palanisamy, A. Devaraju, K. L. Narasimhamu, P. Thejasree	Machinability Investigations on turning of PH steel using Taguchi Based Grey Relational approach	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
13	D. palanisamy, J.S. Binoj, P. Thejasree, N. Manikandan	Investigations on wire electrical discharge machining of magnesium alloy AZ31B by Taguchi's approach	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
14	R. Gopi, I. Saravanan, A. Devaraju	A Review on Nitride -Based Coating Techniques	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
15	D. Chandankumar, P. Vasanthi, A. Devaraju	Development of Agro industrial wastes in material Production	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
16	Sivakumar sivalingam, Anbarasan Baluchamy,	An Experimental assessment of brake thermal efficiency and exhaust emissions of a non-road genset diesel engine fueled with aloe vera	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
17	Sivakumarsivalingam, A. Devaraju, Vigneshasokan	Optimization of ultrasonically welded high density polyethylene With medium density polyethylene	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
18	P. vasanthi, S. Senthilselvan, A. Devaraju, B. Vijaya	Optimization of nano materials using response surface methodology	Recent Advances in Materials and Modern Manufacturing		2022	ISBN 978-981-19-0244-4		Springer-Lecture Notes in Mechanical Engineering
19	D. Palanisamy, Avyaman Devaraju, Manikandan Nataraian,	Application of Hybrid ANFIS Tool for Laser Beam Welding of Inconel 625 Alloy	Diffusion Foundations and Materials Applications		2023	ISSN: 2674-029X		scientific.net
20	R. Franklin Isaac, A. Devaraju	Effect of Laser Treatment on Surface and Interface of Silicon Nitride Coated Ti6Al7Nb Alloy-A Statistical Analysis	International Journal of Communication Systems		2023	ISSN 18769918, 1876990X		Springer
21	D. Palanisamy, Avyaman Devaraju, Manikandan Nataraian,	Application of Hybrid ANFIS Tool for Laser Beam Welding of Inconel 625 Alloy	Diffusion Foundations and Materials Applications		2023	ISSN: 2674-029X		scientific.net
22	Bhaskar, Aruchamy Prasanth, Paramasivan Saranya	An energy-efficient blockchain approach for secure communication in IoT-enabled electric vehicles	International Journal of Communication Systems		2022	ISSN 1074-5351		International Journal of Communication Systems
23	C. Senthil Singh K. Dinesh Babu	Brain Tumor Segmentation through Level Based Learning Model	Computer Systems Science and Engineering		2022	ISSN:0267-6192	Teach science press	
24	Dinesh Babu, Senthil Singh	Detection and Classification of Brain Tumor from MR Images Using an Improved Image Analysis Algorithm	Computer Systems Science and Engineering		2022	ISSN 1938-5862	IOP SCIENCE	
25	V Paranthaman	Effect of silica content on mechanical and microstructure behaviour of resistance spot welded advanced automotive TRIP steels	silicon		2022	ISBN 12633-021-01110-7	SPRINGER	