



Department of Safety and Fire Engineering Journal Publications

Academic year	Q1	Q2	Q3	Q4	Scopus/ WOS	Others	Total
2025-26	2	2	5	5	14	-	28
2024-25	1	2	1	-	15	-	19
2023-24	-	1	1	-	2	3	05
2022-23	-	-	1	1	2	-	02
2021-22	-	-	-	-	-	-	-
2020-21	-	1	1	3	5	-	05
2019-20	-	2	-	2	4	-	04
2018-19	-	3	1	-	4	-	04
2017-18	-	4	3	1	8	2	10
2016-17	-	-	1	-	1	-	01
2015-16	-	4	-	2	6	1	07
2014-15	-	-	-	3	3	-	03
2013-14	-	-	-	-	-	-	-
2012-13	-	-	-	1	1	-	01
Total	03	19	14	18	65	6	89

Journal Publications Details

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & PP	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/Scopus/ Web of Science/other
2025-26							
1.	A Proposed Model for Inventory Analysis and its Productivity Implications of Medium-Scale Industries	S. Hariharan , Partha Sarathi Chakraborty , S. Nallusamy , K. Manogar	SSRG International Journal of Mechanical Engineering	Volume 12 Issue 7, 7-17	Jul-25	Q4	SCI
2.	Smart Lean Execution and Enhancement Technology for Productivity Optimization in Textile Manufacturing	S. Saravanan , Partha Sarathi Chakraborty , S. Nallusamy , V. Kumar , K. Manogar	International Journal of Engineering Trends and Technology	Vol. 73 No. 8	Aug-25	Q3	SCI
3.	Assessment of machinability and corrosion performance of FRP laminates reinforced with sugarcane and silicon carbide	Surenderpaul Abraham, Nallusamy Sellappa, P. Chakraborty, Manogar Kandasamy , Sujatha Krishnamoorthy	Matéria	Vol. 04 No. 4	Aug-25	Q3	SCI
4.	Comparative analysis of shear load on single side and double side friction stir welded AA2014 joints	P. Dhiravidamani. C. Rajendran V. Jayaseelan & S. Sambath	Journal adhesion Science and Technology	Vol.39, Iss.No.24	Sep-25	Q1	SCI
5.	Hemp-PEEK composites: surface treatment, processing, and performance	Dhiravidamani Periyasamy, Jagadeesh Duraisamy S.Prabharan Srinivasan	International Polymer Processing	Vol.40, Iss.No.05	Sep-25	Q3	SCI
6.	Effect of Cutting Parameters and Cooling Conditions on Surface Roughness and Tool Wear in Turning Ti-6Al-4V Titanium Alloy on an All-Gear Lathe: A Full Factorial Experimental Study	D. Ananda Kumar, A. Murugarajan, M. Prabhu & K. Pratheesh	Journal of Materials Engineering and Performance	Volume 34	Oct-25	Q2	SCI
7.	Evaluation of Plant Species for Air Pollution Tolerance Index in Industrial and Residential Regions of West Tamil Nadu, India	Raghu Kondarasampalayam Murugesan, Kannan Kandasamy, Thangavelu Arumugam & Sangeetha	Environmental Science and Pollution Research	Volume 32	Nov-25	Q1	SCI

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8.	BFRP Epoxy Composite's Impact Strength Enhancement by Hand Layup Method Addition of New Warmed Nano Clay Particles	P. Dhiravidamani, P. Rajendran, S. Durai, T. Kandasamy	Materials Science Forum	Volume 1172	Dec-25	Q4	Scopus
9.	Comparative Performance Analysis of Machine Learning Models for Prediction of Rapeseed Oil Methyl Ester Biodiesel Production,	P. Vignesh, Shrikant R. Jachak, Sandip S. Khedkar, V. Rukkumani, T. Gobinath, S. Mayakannan	International Journal of Vehicle Structures & Systems,	Vol. 17 No. 6	Dec-25	Q4	Scopus
10.	Artificial Intelligence and Managerial Decision-Making: A Multidisciplinary Perspective on Smart Organizations	Mr. Ashish Jain, Dr.J.A.BASKAR, K. VENKATESHWARAN, Dr. Sandeep Kaur, Dr. Yogesh Choudhary, Dr. Syed Hassan Imam Gardezi	MSW Management Journal, ISSN: 1053-7899	Vol. 35 No. 2 (2025)	Dec-25	Q4	Scopus
11.	Comparative study of mechanical properties of coir and jute fiber composites	Dr VADIVEL VIVEK V, DINESH TCR, Dr SANTHOSH N, Dr VIGNESH P	Journal of Environmental Nanotechnology	Volume 15, No 1 (2026)	Apr-26	Q4	Scopus
12.	Enhancing polycrystalline silicon solar cell efficiency with tin oxide antireflective coatings: a morphological, optical, electrical, and thermal study	D. Raga Sudha, M. R. Kamesh, Anu Tonk, K. Chandrasekaran, Rajesh Mudunuri, S. Karthikeyan, Barun Haldar, S. Swathi, and S. Kalaiarasan	J Mater Sci: Mater Electron	(2026) 37:553	Mar-26	Q2	SCI
13.	Impact of MZO thermal barrier coating on diesel engine efficiency using juliflora methyl ester and MgO nanoparticles	R. Balaji , S. Nallusamy, V. S Hariharan , Partha Sarathi Chakraborty & K.Manogar	International Journal of Ambient Energy	VOL. 47, NO. 1, 2627537	Feb-26	Q3	SCI
14.	Influence of weld configuration on load bearing capabilities of TIG welded AA2219 aluminum alloy joints	P. Dhiravidamani, D. Jayabalakrishnan, V. Jayaseelan, S. Ravi	Practical Metallography	Volume 63, Issue 2	Mar-26	Q3	SCI
15.	Particle swarm optimization and statistical evaluation of mechanical characteristics in bamboo fiber-polyester composites for sustainable applications reinforced with peanut	Logesh Kamaraj; Muthusamy Prabu; Saisubbu Subbaiah; Mathialagan Ramarao; Namani Srinivas; Haeder	AIP Conference Proceedings, Vol. 3263, Issue 1	-	Aug 2025	Q4	Scopus

	shell and termite mound soil	Mohammed Abbas; Awadhesh Chandramauli; Suresh Kumar					
16.	Study on mechanical properties and biodegradability of polyethylene composite reinforced with corn husk fibers for sustainable applications	Kamaraj Logesh; Ravi Ashok Kumar; Lakshmanan Ram; Jayarajan Vairamuthu; Mule Rajuvari S. S. Reddy; Zaid Ajzan; Vinod Balmiki; Vikas Verma	AIP Conference Proceedings, Vol. 3263, Issue 1	-	Aug 2025	Q4	Scopus
17.	Enhancing Mechanical Properties and Water Resistance of Sisal-Epoxy Composites using Silicon Carbide Nanoplatelets by Vacuum Infusion Molding	R. Arunkumar; S. Karthick; K. V. Priyadarshini; P. Murugesan; S. Nanthakumar; K. Chandrasekaran;	International Journal of Vehicle Structures & Systems, Vol. 17, No. 3	-	Sep 2025	Q4	Scopus
18.	Enhancing Renewable Energy Penetration with Combined Heat and Power Units and Cryogenic Energy Storage	R. Ashok Kumar; L. Ganesh Babu; D. Magesh Babu; P. Sellamuthu; G. Sivaraman; R. Karthikeyan	E3S Web of Conferences, Vol. 648, ICCEAS 2025	979-8331326067	Sep 2025	Q4	Scopus
19.	Enhancing Mechanical and Viscoelastic Properties of Natural Fibre Reinforced Polymer Composites with Aluminium Oxide Nano Fillers	R. Vijayan, S. Magibalan, R. Ashok Kumar, J. Venkatraman, V. Chandramohan, U. Vivek	EPJ Web of Conferences, Vol. 336, 01003, INSDAM'25	-	Jul 2025	Q4	Scopus
20.	Enhanced Groundwater Quality Assessment and Irrigation Water Quality Index Prediction Using a Hybrid Siamese Neural Network Model	Dr. Arun Kumar Savitha H. S Priyadarshan Sham Ganvir Priyanka Ravindra Dhumal K. Chandrasekaran	2025 International Conference on Communication and Smart Devices (ICCoSD)	979-8-3315-6971-6	Jan 2026	Q4	Scopus
21.	Smart Confined Space Monitoring Rescue System	Vignesh Palanivelu, Ashok Kumar Ravi, Bharath Katamuthu, Hariharan Mohandass, Veeramani Narayanan, Syed Ashik Ahmedh Syed Ghous	International Conference on Intelligent Methods and Advanced Computer Scientific Innovations (IMACSI 2025)	978-989-758-787-0	March 2026	Q4	Scopus

22.	Enhanced Safety Assured Wearable Technology for Personalized Safety Device	Ashokkumar Ravi, Vignesh Palanivelu, Sundar Viswanathan, Kodeswar Sampath, Sabesan Vijayakumar, Yourshankarraja Elangovan	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus
23.	Multigas Detection Using Drone in Confined Spaces	Vasanth Vepadai Kulanthaivelu, Tamil Selvan Vellikuttai Samynathan, Hariharan Chinnadurai, Premnath Saravanan, Vishal Sakthi Vellingiri	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus
24.	Design of Safety Fixture for Securely Holding ABC Fire Extinguisher During the Hydraulic Test	Manogar Kandasamy, Prabu Muthusamy Muthugounder, Ravin Raja, Srikanthraja Murugharathinam, Abish Manoharan, Kannan Annamalai	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus
25.	Advancements in Robotics Capable of Autonomously Navigating Fires and Ensuring the Safety of Humans	Tamil Selvan Vellikuttai Samynathan, Vasanth Vepadai Kulanthaivelu, Logeshwari Nagendran, Praveen Kumar Muthusamy, Tamilvanan Vijayan, Vivek Dharmaraj	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus
26.	An Investigation to Enhance the Lathe Operation by the Implementation of IoT Sensors	Chandrasekaran Kailasam, Raghu Kondarasampalayam Murugesan, Laxmana Eswaran Sankaran, Logesh Kumar Sivanantham S, Paranthaman Raja, Sakthi Gurusamy	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus
27.	Advanced Temperature Monitoring and Safety Technologies in EV Battery System	Raghu Kondarasampalayam Murugesan,	IMACSI 2025	978-989-758-787-0	March 2026	Q4	Scopus

		Chandrasekaran Kailasam, Uvanesh Palanisamy, Vasantha Kumar Vasudevan, Karan Muthusamy, Ranjithkumar Sampangi					
28.	Dynamic and Advanced Beam Anchor in Industrial and Construction Application	Prabu Muthusamy Muthugounder, Manogar Kandasamy, Ramakrishnan Nandanasabapathi, Ragul Prakash Devarasu, Akilan Ravichandran, Anantha Jothi Laxmanan Indhra	International Conference on Intelligent Methods and Advanced Computer Scientific Innovations (IMACSI 2025)	978-989-758-787-0	March 2026	Q4	Scopus

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2024-25							
1.	Enhancing flour quality and milling efficiency: experimental study on bullet plate type flour grinding machine	Palanivel Elayappan Saroja, Prabu Muthugounder , Sathish Shanmugam, Ratchagaraja Dhairiyasamy	Revista Matéria	Volume 29 Issue 3 Pages 331-352	August 2024	Q3	SCI / Scopus
2.	Optimization on wear characteristics of AA2219/Nano Zirconium Diboride composites through orthogonal array	K. Logesh K. Manogar K. Mageshkumar Sathish Kannan S. Suresh Kumar	Springer Nature link	Vol 245 (312)	October 2024	Q2	SCI / Scopus
3.	Aluminium Alloy Nanocomposite Featured with Barium and Silicon Carbide Nanoparticles: Mechanical and Wear Studies.	Dhiravidamani Periyasamy , Jagadeesh Duraisamy, Sami Al Obaid & Venkatesh Rathinavelu	Silicon	Vol.17	Mar-25	Q2	SCI / Scopus
4.	Impact of E glass fiber on functional properties of low density polyethylene composite made via compression mold	S.Karthikeyan , S.Ganesan , A Suresh , P.Muruganandhan, B. Eanest Jebasingh , K Manogar	Innovations in Thermal, Manufacturing, Structural and Environmental Engineering	Vol: 3267, Issue:1	June 2025	Q1	SCI / Scopus
5.	Validation of Toyota stops 6 plus 2 safety practice enablers in manufacturing industry through ISM approach	R Krishnamoorthi, M Prabu , S Magibalan, T Sureshkumar, AV Balan	AIP Conference Proceedings	2965 (1), 1062 – 1066	July 2024	Q4	Scopus
6.	Personal protective equipment perception survey	PM Kumar, M Prabu , S Magibalan, S Natarajan, R Ashokkumar	AIP Conference Proceedings	2965 (1), 1067 – 1074	July 2024	Q4	Scopus
7.	Eyewash & shower for pre treatment of chemical spillage at ETP and STP	T Sureshkumar, S Sakkaravarthi, S Magibalan, M Prabu ,	AIP Conference Proceedings	2965 (1) 1075 – 1081	July 2024	Q4	Scopus
8.	Featuring of boron nitride on high density polyethylene/sisal fiber composite: Characteristics evaluation	Prabu Muthugounder ; R. Deepak Kumar; S. Ganesan; A. Gowrishankar; S. Karthikeyan;	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus

9.	Influences of jute fiber and alumina nanoparticles on behaviour of polyester composite synthesized via hand layup route	K. M. Arunraja; Prabu Muthugounder ; S. Karthikeyan; S. Ganesan; A. Gowrishankar; B. P. Muruganandhan	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
10.	Effect of Roselle Fiber on Physical and Thermal Behaviour of Polypropylene Nanocomposite Developed by Conventional Route	S. Karthikeyan; M. Karthick; Maharshi Munipalli; N. Sankar; L. Suriyaprakash; Prabu Muthugounder	AIP Conference Proceedings	Vol. 3267, Issue 1	Mar 2025	Q4	Scopus
11.	Synthetic fiber featured epoxy composite for light weight application: Performance measures	S. Marimuthu; R. Ashokkumar ; S. Karthick; A. Karthikeyan; S. Karthikeyan; Raja Gunasekaran	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
12.	Influences of silicon carbide particles on tensile performance and hardness behavior of polyethylene composites made via injection mold	J. Ganesh Murali; S. Marimuthu; P. Vignesh ; P. Prakash; Gobinath Velu Kaliyannan; S. Karthikeyan	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
13.	Advancing HRM with AI Powered Recruitment Performance Management and Employee Engagement using One Class SVMs	Rafiya Banu; Ruchi Tripathi; Saumya Sharma; Loganathan Chenniappan; K. Chandrasekaran ; Umanesan R	3rd International Conference on Integrated Circuits and Communication Systems (ICICACS 2025)	-	Apr 2025	Q4	Scopus
14.	Enhancing Renewable Energy Penetration with Combined Heat and Power Units and Cryogenic Energy Storage	R. Ashok Kumar ; L. Ganesh Babu; D. Magesh Babu; P. Sellamuthu; G. Sivaraman; R. Karthikeyan	E3S Web of Conferences	Vol. 648	Sep 2025	Q4	Scopus
15.	Synthesis and Characteristics Evaluation of Epoxy Hybrid Nanocomposite Featured With Ramie Fiber and SiC	S. Ganesan; G. Boopathi ; S. Kalaiarasan; B. Eanest Jebasingh; P. Muruganandhan; S. Karthikeyan	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
16.	A comprehensive analysis of mechanical improvements in hemp fiber reinforced polymer composite	LeoNila, T.; Ramakrishnan, N. ; Thanikasalam, A.; Subbu, S.; Bhattaru, S.; Ihsan, M.; Singh, D.; Verma, V.	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
17.	Impact of E glass fiber on functional properties of low density polyethylene composite made via compression mold	Karthikeyan, S.; Ganesan, S.; Suresh, A.; Muruganandhan, P.; Eanest Jebasingh, B.E.; Manogar,	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus

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18.	Biodegradable bast fiber made polypropylene composite via hot compression: Characteristics study	Saravanakumar, A.; Murali, J.G.; Kuila, A.; Karthikeyan, S.; Ganesan, S.; Gowrishankar, A.	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus
19.	Advancing HRM with AI Powered Recruitment Performance Management and Employee Engagement Using One Class SVMs	Banu, R.; Tripathi, R.; Sharma, S.; Chenniappan, L.; Chandrasekaran, K.; Umanesan, R.	AIP Conference Proceedings	Vol. 3267, Issue 1	Jun 2025	Q4	Scopus

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & PP	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/Scopus/ Web of Science/other
2023-24							
1.	Effect of graphene/silicon dioxide fillers addition on mechanical and thermal stability of epoxy glass fibre composite	K Murugesan, P Suresh, M Prabu , V Kavimani	Polymer Bulletin	Volume 81, pages 9961–9976,	Feburary 2024	Q2	SCI/WoS/ Scopus
2.	Investigation and parametric optimization with 97Mg+1.5Ag+1.5 LiAlO2 metal matrix composite in wire EDM performance using DFA technique	P. Suresh and M Prabu T. Suresha,	Journal of Ceramic Processing Research	Vol. 25, No. 2, pp. 192-201	March 2024	Q3	SCI/WoS/ Scopus
3.	Behaviour Monitoring Sensor and Alarm System for Vehicle Driver	P Vignesh , P Bharath Kalyan P Pradeep R K Sarvesh Kumar	International Research Journal of Modernization in Engineering Technolgy and Science (IRJMETS)	Vol. 06, Issue 04, PP.9259-9266	April & 2024	-	UGC Care
4.	Electric Vehicle (EV) Trolley for Safe Material Handling	P Vignesh , B Muthupandi, K Bharath Kavinash, R Rohit Rajan	International Research Journal of Modernization in Engineering Technolgy and Science (IRJMETS)	Vol. 06, Issue 04, PP.9274-9278	April & 2024	-	UGC Care
5.	Hazard Identification and Risk Assessment in the Commercial Vehicle Manufacturing Industry	M K Nawines Pravin P Senthilkumar R Ranjith K Perumal P Vignesh	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 11, Issue 04, PP. j310-j317	April & 2024	-	UGC Care

2022-23							
1.	Effect of NI and SI addition on electrical, tribological and corrosion behavior of novel Cu-Zn alloy	M Prabu R.Saravanan, P. Suresh	Journal of Ceramic Processing Research Impact factor- 0.636	Vol 23 Issue No 4 pp.490~497	August 2022	Q3	Scopus
2.	Influences of Ag+LiAlO ₂ on mechanical and high temperature wear behavior of magnesium hybrid composites	M Prabu T. Suresha, P. Sureshb	Digest Journal of Nanomaterials and Biostructures Impact factor– 0.899	Vol. 17 Issue No 3 pp. 731 - 740	September 2022	Q4	Scopus
3.	Multi Objective Optimization of Stir Casting Process Parameters using Technique for Order of Preference by Similarity to Ideal Solution (TOPSIS)	Vignesh P, Senthilkumar P, Seenivasan M	CHIANG MAI JOURNAL OF SCIENCE Impact factor– 0.507	Vol.49, Issue No6, 1663-1668	November 2022	Q4	Scopus
2021-22							
	-	-	-	-	-	-	-
2020-21							
1.	Optimization and Effect of load,sliding velocity ,and time on wear behaviour of AA8011-8 wt.% fly-ash composites	S.Magibalan C.Senthilkumar M.Prabu S.Yuvaraj AV Balan	Surface Topograpy : Metrology and Properties Impact factor– 2.185	Vol.8, Issue No4, 045022	November 2020	Q2	Scopus
2.	Multi-response optimization of AA8011 and 12 wt.-% fly-ash composites	S.Magibalan P.Senthilkumar C.Senthilkumar M Prabu	Materials Testing Impact factor– 2.528	Vol.62, Issue No5, 525-534	May 2020	Q2	Scopus

3.	Safety and Labour Management on Construction site	M Lakshmanan M Prabu S Magibalan P Senthilkumar	Journal of Xidian University Impact factor– 0.263	Vol.14, Issue No8, 1248-1260	2020	Q4	Scopus
4.	Hazard Management in Blast Furnance	S Raghul M Prabu S Magibalan P Senthilkumar	Journal of Xidian University Impact factor- 0.263	Vol.14, Issue No8, 138-1247	2020	Q4	Scopus
5.	Wear loss of stir cast aluminium alloy 8011	S Magibalan M Prabu PS Kumar AV Balan N Shivasankaran SP Sankar	Materials Today : Proceedings Impact factor– 2.59	Vol.21 762-566	Jan 2020	Q3	Scopus

2019-20							
1.	Modeling of machining parameters for MRR and TWR in EDM characteristics on AI/10 wt.-% TiB2 composites	M Prabu S Magibalan C Senthilkumar R Palanivelu P Senthilkumar	Materials Testing Impact factor– 2.528	Vol.61, Issue No6, 559-566	June 2019	Q2	Scopus
2.	Risk assessment and safe handling practices while using asbestos in industries	MN Ameen M Prabu P Senthilkumar	International Journal of Advance Research, Ideas and Innovations in Technology Impact factor: 4.295	(Volume 5, Issue 3) Pp 814 - 817	2019	Q4	SCI
2018-19							
1.	Tribological behaviour of aluminium alloy 8011	S Magibalan P Senthilkumar C Senthilkumar M Prabu	NISCAIR- CSIR,India Impact factor– 0.76	Vol 26 (1) Pp 43-50	Feb 2019	Q3	SCI
2.	Synthesis and characterization of aluminium 7075-silicon carbide metal matrix composite	P Ravishankar S Magibalan R Ranjithkumar M Prabu	SYNTHESIS Impact factor: 2.6	Vol.1, Issue No4	November 2018	Q4	SCI
3.	Investigation On Electrode Vibration Behavior Of Maching Characteristics In Nano-Tic Mixed An Edm Maching Performance	R Boopathi S Sundaram C Senthilkumar M Prabu	Journal of the Balkan Tribological Association Impact factor– 0.142	Vol.24, Issue No3	Sep 2018	Q1	SCI

4.	Dry Sliding behavior of the aluminium alloy 8011 composite with 8% fly ash	S Magibalan P Senthilkumar M Prabu C Senthilkumar A Nagar R Palanivelu	Materials Testing Impact factor– 2.528	Vol.60, Issue No7-8, 777-782	July 2018	Q2	Scopus
5.	Microstructure and mechanical properties of fly ash particulate reinforced AA8011 aluminium alloy composites	S Magibalan, P Senthilkumar, M Prabu C Senthilkumar, A Nagar, R Palanivelu	Materials Testing Impact factor– 2.528	Vol.60, Issue No7-8, 765-771	July 2018	Q2	Scopus
2017-18							
1.	Noise reducing in glass manufacturing industry	M Prabu, M Gokulram, S Magibalan, P Senthilkumar, R Boopathi	J. Eng. Res Impact factor – 1.325	Vol,18, Issue pp33-41	October 2018	Q4	SCI

2.	Dry sliding behavior of aluminium alloy 8011 with 12% fly ash composites	S Magibalan, P Senthilkumar, M Prabu R Palanivelu, C Senthilkumar	Materials Research Express Impact factor – 2.025	Vol.5, Issue No5, 056505	May 2018	Q2	Scopus
3.	EFFECT OF PROCESS PARAMETERS ON MRR, EWR AND RA IN NANOPARTICLES MIXED EDM	R Boopathi, R Thanigaivelan, M Prabu	Research &Development in material Science Impact factor – 4.682	Vol.3, Issue No2, 032505	March 2018	Q3	SCI
4.	DRY SLIDING BEHAVIOR OF ALUMINIUM ALLOY 8011 WITH 4% FLY ASH	S Magibalan, P Senthilkumar, C Senthilkumar, R Palanivelu, M Prabu	Material Testing Impact factor – 2.528	Vol.60, Issue No2, 209-214	Feb 2018	Q2	Scopus
5.	STUDIES ON WEAR LOSS OF STIR CAST ALUMINIUM ALLOY 8011	S Magibalan, M Prabu , N Shivasankaran, AV Balan	Journal of Manufacturing Engineering Impact factor – 0.207	Vol.12, Issue No4, 231-234	Dec 2017	Q2	Scopus
6.	ALUMINIUM METAL MATRIX COMPOSITES–A REVIEW	S Magibalan, KP Senthil, P Vignesh , M Prabu , AV Balan, N Shivasankaran	Transactions on Advancements in Science and Technology (TASTONLINE) Impact factor – 1.1	Vol.4, Issue No 11,	Nov 2017	-	UGC care
7.	Light Metal Composites By Using Aluminium Alloy Application–A Review	P Vignesh , P Senthil Kumar S Magibalan,	Journal of Emerging Technologies and	Vol.4,	Nov 2017	-	UGC care

		K Perumal K Selvaraj	Innovative Research (JETIR) Impact factor – 7.95	Issue No 11,			
8.	Aluminium metal matrix composite –A review	S Magibalan, KP Senthil, P Vignesh, M Prabu, AV Balan	Transactions on advancements in science and technology (TASTONLINE) Impact factor– 1.1	Vol.1, pp1-6,	Sep 2017	Q3	SCI
9.	Hazard identification and risk assessment in automotive industry	R Ramesh, M Prabu, S Magibalan, P Senthilkumar	International journal of chem. Tech research Impact factor– 0.819	Vol.10, Issue No4, 352-358	2017	Q3	Scopus
10.	Effect of machining characteristics of nano- TiC mixed dielectric fluids on inconel 718 in the EDM process	R Boopathi, S Sundaram, C Senthilkumar, M Prabu	Materials Testing Impact factor– 2.528	Vol.59, Issue No4, 402-408	March 2017	Q2	Scopus
2016-17							
1.	Occupational health and safety in stamping industry	MR Lingeswaran, M Prabu, S Magibalan, TV Christy	Advances in Natural and Applied Sciences	Vol. 10 Issue No. (2), PP. 61-66	Feb 2016	Q3	Scopus

2015-16

1.	Electric discharge machining of Al-TiB ₂ composites with and without graphite powder suspended dielectric	M Prabu , G Ramadoss, C Senthilkumar, S Magibalan, P Senthilkumar	ARPJ Journal of Engineering and Applied Sciences	Vol. 11 Issue No. (2), PP. 1242-12449	March 2015	Q2	Scopus
2.	Investigating the Effect of Brass Electrode on Inconel 718 on Electrical Discharge Machine	P Shankar, R Boopathi, M Prabu	International Journal of Innovative Science, Engineering & Technology	Volume 2 Issue 4 PP. 1664-1667	April 2015	Q2	Scopus
3.	Optimization of Electro Discharge Machining Parameters Using Ant Colony Algorithm	M Prabu , G Ramadoss, C Senthilkumar	International Journal of Applied Engineering Research	Volume 10 Issue (1), PP. 5955-5958	April 2015	Q2	Scopus
4.	Safety Behaviour For Developing Injury Free Culture In Organization	AVB Murali.N , M. Prabu ,S.Magibalan, T.V. Christy	International Journal of Mechanical Engineering and Research	Vol. 5, Issue. (1) PP.55-58	June 2015	Q2	Scopus
5.	Experimental study on the cutting surface roughness in CNC	S Magibalan, M Prabu , P Vignesh	Journal of Chemical and Pharmaceutical Sciences	Volume 974 Pages 2115	June 2015	Q4	Scopus

6.	Experimental investigation on effect of graphite powder suspended dielectric in electric discharge machining of AL-TiB2 composites	M Prabu , G Ramadoss, C Senthilkumar, R Boopathi, S Magibalan	Journal of Chemical and Pharmaceutical Sciences	Volume 974 Pages 2115	Aug 2015	Q4	Scopus
7.	Risk assessment and control measures for chemical hazards in stainless steel industry—A review	G Nitin, KM Raghu , M Karthick	Int. Rev. Bus. Res. Pap	Vol. 5, PP.71-76	Aug 2015	-	UGC Care
2014-15							
1.	Electrical discharge machining of Al-TiB2 with a low-frequency vibrating tool	M Prabu , G Ramadoss, P Narendersingh, TV Christy, VV Eswaran	Science and Engineering of Composite Materials	Vol. 21 Issue. (3), PP. 445-452	June 2014	Q4	Scopus
2.	Heat Transfer Enhancement by Using Graphite/Water Nanofluid in Corrugated Tube Equipped with Different Concentrations	NSP Vedhagiri Eswaran. V, Dr. G. Ramadoss, M Prabu ,	International Journal of Applied Engineering Research	Vol. 9 Issue.(1), PP. 19287-19302	July 2014	Q4	Scopus
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