

Institute Name: SRI SAI RAM INSTITUTE OF TECHNOLOGY					
India Rankings 2020 ID: IR-E-C-16476					
Discipline: ENGINEERING					
Parameter: Paper Publication ( 2018 -2019)					
S.No.	Authors	Title of the Paper	Name of The Journal	Year of Publication	Publisher
1	Pachhaimmal@Priya M., Rajagopalan S.P.	An efficient FMRI classification technique in cloud using multiple parallel feature selection algorithm	CLUSTER COMPUTING	2018	Springer New York LLC
2	Arun Jeas S., Gomathi V.	Load forecasting for smart grid using non-linear model in Hadoop distributed file system	CLUSTER COMPUTING	2018	Springer New York LLC
3	Ragunthar T., Selvakumar S.	A wrapper based feature selection in bone marrow plasma cell gene expression data	CLUSTER COMPUTING	2018	Springer New York LLC
4	Palani U., Suresh K.C., Nachiappan A.	Mobility prediction in mobile ad hoc networks using eye of coverage approach	CLUSTER COMPUTING	2018	Springer New York LLC
5	Bharathi G.P., Jeyanthi K.M.A.	An optimization algorithm-based resource allocation for cooperative cognitive radio networks	JOURNAL OF SUPERCOMPUTING	2018	Springer New York LLC
6	R. Anbusagar N.R., Palanikumar K.	Nanoclay Addition and Core Materials Effect on Impact and Damage Tolerance Capability of Glass Fiber Skin Sandwich Laminates	SILICON	2018	Springer Netherlands
7	Kumar P.N., Rajadurai A., Muthuramalingam T.	Multi-Response Optimization on Mechanical Properties of Silica Fly Ash Filled Polyester Composites Using Taguchi-Grey Relational Analysis	SILICON	2018	Springer Netherlands
8	Devi G.R., Palanikumar K.	Mechanical Properties Evaluation of Unidirectional Glass Fibre Reinforced Aluminium Sandwich Laminate	SILICON	2018	Springer Netherlands
9	Selvamani S.T., Vigneshwar M., Palanikumar K., Jayaperumal D.	The corrosion behavior of fully deformed zone of friction welded low chromium plain carbon steel joints in optimized condition	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2018	Springer Verlag
10	Anand G., Alagumurthi N., Elansezhian R., Palanikumar K.,	Investigation of drilling parameters on hybrid polymer composites using grey relational analysis, regression, fuzzy logic, and ANN models	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	2018	Springer Verlag
11	Anbusagar N.R.R., Palanikumar K., Ponshanmugakumar A.	Preparation and properties of nanopolymer advanced composites: A review	POLYMER-BASED NANOCOMPOSITES FOR ENERGY AND ENVIRONMENTAL	2018	University of Ottawa Press
12	Vigneswaran R., Annamalai K., Dhinesh B., Krishnamoorthy R.	Experimental investigation of unmodified diesel engine performance, combustion and emission with multipurpose additive along with water-in-diesel emulsion fuel	ENERGY CONVERSION AND MANAGEMENT	2018	Elsevier Ltd
13	Arivazhagan T., Siva Bala Solanki S., Rajesh N.P.	Investigation on crystal growth and characterization of organic nonlinear optical triphenylmethane single crystal by vertical Bridgman technique	JOURNAL OF CRYSTAL GROWTH	2018	Elsevier B.V.
14	Achudhan, Deepavarsa, Vandhana, Khalida	Effect of Copper slag in Structural behaviour of Reinforced Concrete Beams	MATERIALS TODAY: PROCEEDINGS	2018	Elsevier Ltd
15	Sailesh A., Arunkumar R., Saravanan S.	Mechanical Properties and Wear Properties of Kenaf - Aloe Vera - Jute Fiber Reinforced Natural Fiber Composites	MATERIALS TODAY: PROCEEDINGS	2018	Elsevier Ltd
16	Vigneshwar M., Selvamani S.T., Hariprasath P., Palanikumar K.	Analysis of Mechanical, Metallurgical and Fatigue Behavior of Friction Welded AA6061-AA2024 Dissimilar Aluminum Alloys in Optimized Condition	MATERIALS TODAY: PROCEEDINGS	2018	Elsevier Ltd

17	Justus Reymond D., Shanmugam P., Dilip Kumar G., Sudarsan J.S.,	Study on Pollutant Removal Efficiency of Industrial Wastewater Using Submerged Anaerobic Membrane Bio-Reactor	MATERIALS TODAY: PROCEEDINGS	2018	Elsevier Ltd
18	Anand G., Alagumurthi N., Palanikumar K., Venkateshwaran N., Elansezhain	Influence of drilling process parameters on hybrid vinyl ester composite	MATERIALS AND MANUFACTURING PROCESSES	2018	Taylor and Francis Inc.
19	Dhineshkumar K., Subramani C., Prakash G.	Analysis and comparison of 13 level inverter	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
20	Rayavel P., Surenderanath S., Rathnavel P., Prakash G.	Emergency automatic signalling system using time scheduling	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
21	Prakash G., Subramani C., Dhineshkumar K., Rayavel P.	Analysis of Extended Z-source Inverter for Photovoltaic System	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
22	Surenderanath S., Rathnavel P., Prakash G., Rayavel P.	Simultaneous DC and three phase output using hybrid converter	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
23	Yuvaraj V., Rajasekaran S., Nagarajan D.	Analytical and Numerical Modeling of Tsunami Wave Propagation for double layer state in Bore	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
24	Ravikumar K., Joseph R., Ravichandran K.	Effect of organo clay on curing, mechanical and dielectric properties of NR/SBR blends	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
25	Avudainayaki R., Selvam B., Ulaganathan P.P.	E-cordial and product e-cordial labeling for the extended duplicate graph of splitting graph of path	JOURNAL OF PHYSICS: CONFERENCE SERIES	2018	Institute of Physics Publishing
26	Prabhakar K., Debnath S., Ganesan R., Palanikumar K.	A review of mechanical and tribological behaviour of polymer composite materials	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	2018	Institute of Physics Publishing
27	Selvamani S.T., Govindarajan P., Ajaymohan M., Hariharan S.J.,	Correlation between Micro hardness and Microstructure of CMT Welded AA 7075 Al Alloy	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	2018	Institute of Physics Publishing
28	Selvamani S.T., Govindarajan P., Ajaymohan M., Hariharan S.J.,	Developing Empirical Relationship to Predict Maximum Tensile Strength on AA 7075 CMT Welded Al Alloy	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	2018	Institute of Physics Publishing
29	Sailesh A., Vignesh Pothiraj P., Ranjith B., Subashchandar A.,	Mechanical Properties of Aloe Vera-Jute-Glass Fiber Reinforced Polymer Matrix Composites	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	2018	Institute of Physics Publishing
30	Kumar P.N., Rajadurai A., Muthuramalingam T.	Thermal and mechanical behaviour of sub micron sized fly ash reinforced polyester resin composite	MATERIALS RESEARCH EXPRESS	2018	Institute of Physics Publishing
31	Natrayan L., Senthil Kumar M., Palanikumar K.	Optimization of squeeze cast process parameters on mechanical properties of Al <sub>2</sub> O <sub>3</sub> /SiC reinforced hybrid metal matrix composites using taguchi technique	MATERIALS RESEARCH EXPRESS	2018	Institute of Physics Publishing
32	Shanthi N., Nivethitha P., Sindhuja S., Hilasini M.,	High Efficient Interleaved Boost Converter for Photovoltaic Applications	7TH IEEE INTERNATIONAL CONFERENCE ON COMPUTATION OF POWER, ENERGY,	2018	Institute of Electrical and Electronics Engineers Inc.
33	Dhanasekar R., Vaishalee, Akshaya I., Shruthi I.,	Improved Source End Power Factor Enhancement of BLDC Motor Using Bridgeless-Landsman Converter	7TH IEEE INTERNATIONAL CONFERENCE ON COMPUTATION OF POWER, ENERGY,	2018	Institute of Electrical and Electronics Engineers Inc.
34	Murali P.K.	Sandwiched piezoelectric transducer coupled accelerator for dynamic charging in electric vehicles	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON POWER, ENERGY, CONTROL AND TRANSMISSION SYSTEMS, ICPECTS 2018	2018	Institute of Electrical and Electronics Engineers Inc.
35	Sundharam V., Aurovindhya S.	Predicting Intelligence Quotient, Immunity, Blood Sugar, Defective Vision Using Random Forest Classification	2018 IEEE INTERNATIONAL CONFERENCE ON SYSTEM, COMPUTATION, AUTOMATION AND NETWORKING, ICSCA 2018	2018	Institute of Electrical and Electronics Engineers Inc.
36	Rayavel P., Mohit S., Poonamabala Subramaniyam S.T., Vijaya Raghavan V., Harish	A Survey for Diabetic Retinopathy	ICSNS 2018 - PROCEEDINGS OF IEEE INTERNATIONAL CONFERENCE ON SOFT-COMPUTING AND NETWORK SECURITY	2018	Institute of Electrical and Electronics Engineers Inc.

37	Rayavel P., Rathnavel P., Bharathi M., Siva Kumar T.	Dynamic Traffic Control System Using Edge Detection Algorithm	ICSNS 2018 - PROCEEDINGS OF IEEE INTERNATIONAL CONFERENCE ON SOFT-COMPUTING AND NETWORK SECURITY	2018	Institute of Electrical and Electronics Engineers Inc.
38	Sivakumar A., Muthamizhan T.	Harmonic reduction in single boost converter fed DC motor with EMI input filter	INTERNATIONAL JOURNAL OF POWER ELECTRONICS AND DRIVE SYSTEMS	2018	Institute of Advanced Engineering and Science
39	Kumar N.P., Mani N.	Mechanical and micro-structural characteristics of al sic metal matrix with TiO2 nano composites	JOURNAL OF ADVANCED MICROSCOPY RESEARCH	2018	American Scientific Publishers
40	Suganthi S., Aishwarya S., Keerthana S., Sandhya B.R.	Raspberry PI based advanced communication for disaster management	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	2018	Science Publishing Corporation Inc
41	Brindha Devi V., Sindhuja S., Shanthini S., Hemalatha M.	A virtual keyboard security system for automated teller machine	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	2018	Science Publishing Corporation Inc
42	Nandhini J.M., Gnanasekaran T.	Review on failure forecast in cloud for a fault tolerant system	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	2018	Science Publishing Corporation Inc
43	Yuvaraj V., Rajasekaran S., Nagarajan D.	Tsunami wave propagation by voronoi diagram	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	2018	Science Publishing Corporation Inc
44	Saravanan G., Rangachar M.J.S.	Data mules-oriented particle swarm optimisation-based mobile sink data gathering techniques with analytical data analysis using linear regression	INTERNATIONAL JOURNAL OF BUSINESS INFORMATION SYSTEMS	2018	Inderscience Enterprises Ltd.
45	Umanath K., Palanikumar K.	Evaluation of mechanical performance of friction welded AISI304L grade stainless steel joints	INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS	2018	Inderscience Enterprises Ltd.
46	Kumar R.S., Pugazhendhi S., Muralidharan C., Murali S.	An empirical study on effect of information sharing on supply chain performance-the case of Indian automotive industry	INTERNATIONAL JOURNAL OF LOGISTICS SYSTEMS AND MANAGEMENT	2018	Inderscience Enterprises Ltd.
47	Saravanan G., Rangachar M.J.S.	Network lifetime estimation of wireless sensor networks using communication protocols with non-parametric models	INTERNATIONAL JOURNAL OF NETWORKING AND VIRTUAL ORGANISATIONS	2018	Inderscience Enterprises Ltd.
48	Venkatesan M., Palanikumar K., Rajendra Boopathy S.	Experimental investigation and analysis on the wear properties of glass fiber and CNT reinforced hybrid polymer composites	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	2018	Institute of Electrical and Electronics Engineers Inc.
49	Prabhu S., Flora T., Arulperumjothi M.	On independent resolving number of TiO 2 [ m, n ] nanotubes	JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS	2018	IOS Press
50	Rajalakshmi D., Meena K.	An efficient technique of intrusion detection for large number of malicious nodes in MANET using a tree classifier	INTERNATIONAL JOURNAL OF SIMULATION: SYSTEMS, SCIENCE AND TECHNOLOGY	2018	UK Simulation Society
51	Balachandar M., Naveen S., Nagendra kumar N., Nanthu surya N., Gowthaman C., Ramanan N.	Polymer matrix composite material using in audio chassis application	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY	2018	IAEME Publication
52	Sankar S., Baranidharan K.	A study on behaviours of investors with reference to capital market in Chennai	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	Transstellar Journal Publications and Research Consultancy Private Limited (TJPRC)
53	Venkatesh P., Krishnamoorthy M., Senthilnathan C.R., Dhayalan V.	A study on impact of profit, earning per share and dividend on equity performance on select steeeee sector using discriminant function analysis	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	Transstellar Journal Publications and Research Consultancy Private Limited (TJPRC)
54	Vijayaraja L., Gokulnath B., Sai Ganapathy S., Dhanasekar R., Kesavan R.	Modified SEPIC converter based PV Inverter for Power Quality Improvement	7TH IEEE INTERNATIONAL CONFERENCE ON COMPUTATION OF POWER, ENERGY, INFORMATION AND COMMUNICATION, ICCPEIC 2018	2018	Institute of Electrical and Electronics Engineers Inc.

55	Balachandar M., RamKaushik M., Barath R., Ramanan N.	Experimental characterization of laminates for tensile and impact properties	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY	2018	IAEME Publication
56	Jeyalakshmi R., Thamarai Selvi G.	Effect of TQM practices in large and small medium electronic companies in Tamil Nadu	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY	2018	IAEME Publication
57	Usman Mohideen K.S., Gracy S.H.R.	An empirical analysis on moderating effect of organizational commitment on virtual workplace and employee retention in information technology industry	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY	2018	IAEME Publication
58	Dhandapani S., Rajmohanr T., Vijayan D., Palanikumar K.	Multi response optimisation of machining parameters in EDM of dual particle (MWCNT + B4C) reinforced sintered composites	INTERNATIONAL JOURNAL OF MACHINING AND MACHINABILITY OF MATERIALS	2018	Inderscience Enterprises Ltd.
59	Muthamizhan T., Siva Kumar A.	Performance analysis of standalone solar PV powered induction motor drive using analog-circuit based MPPT algorithm	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS	2018	Institute of Advanced Scientific Research, Inc.
60	Ramprabu G., Saravanan T., Saritha G.	Wireless audio signal communication using li-fi technology	INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY	2018	Blue Eyes Intelligence Engineering and Sciences Publication
61	Ponmalar A., Dhanakoti V.	Phishing attack in social network environment	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS	2018	Institute of Advanced Scientific Research, Inc.
62	Kathirvel M., Kumar K.P., Diaz P.M.	Experimental analysis on surface roughness in turning hybrid metal matrix (6061Al+SiC+Gr) composites	MECHANICS AND MECHANICAL ENGINEERING	2018	Wydawnictwo Politechniki Lodzkiej
63	Nantha Kumar P., Rajadurai A., Muthuramalingam T.	Dynamic Mechanical Analysis of Sub-micron Size Flyash Particles Filled Polyester Resin Composites	LECTURE NOTES IN MECHANICAL ENGINEERING	2019	Pleiades Publishing
64	Ashok Gandhi R., Jayaseelan V., Palani Kumar K., Raghunath B.K., Krishnaraj S.	Effect of Carbon Nano Tubes (CNT) on Hardness of Polypropylene Matrix	LECTURE NOTES IN MECHANICAL ENGINEERING	2019	Pleiades Publishing
65	Sujatha K., Ponmagal R.S., Saravanan G., Bhavani N.P.G.	Estimation of Microwave Dielectric Constant Using Artificial Neural Networks	ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING	2019	Springer Verlag
66	Dutt P., Babu T., Murugan M., Anbarasu P., Subramani B.	Design and Analysis of Composite Parabolic Leaf Spring Under Fatigue Load Condition	LECTURE NOTES IN MECHANICAL ENGINEERING	2019	Pleiades Publishing
67	Nandhini J.M., Gnanasekaran T.	Enhanced fault identification and optimal task prediction (EFIOTP) algorithm during multi-resource utilization in cloud-based knowledge and personal computing	PERSONAL AND UBIQUITOUS COMPUTING	2019	Springer London
68	Leo Joseph L.M.I., Rajarajan S.	Reconfigurable hybrid vision enhancement system using tone mapping and adaptive gamma correction algorithm for night surveillance robot	MULTIMEDIA TOOLS AND APPLICATIONS	2019	Springer New York LLC
69	Palanikumar K., Eaben Rajkumar S., Pitchandi K.	Influence of Primary B4C Particles and Secondary Mica Particles on the Wear Performance of Al6061/B4C/Mica Hybrid Composites	JOURNAL OF BIO- AND TRIBO-CORROSION	2019	Springer International Publishing
70	Palanikumar K., Subbiah V.	Bio Caryota Fiber Reinforced Polymer Composites: Mechanical Properties and Vibration Behavior Analysis	JOURNAL OF BIONIC ENGINEERING	2019	Springer
71	Arivazhagan T., Viniitha G., Rajesh N.P.	Growth and characterization of diphenylmethanol single crystal by vertical Bridgman technique for second and third order nonlinear optical applications	JOURNAL OF CRYSTAL GROWTH	2019	Elsevier B.V.
72	Ramya Devi G., Palanikumar K.	Analysis on drilling of woven glass fibre reinforced aluminium sandwich laminates	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	2019	Elsevier Editora Ltda

73	Radhakrishnan E., Kumaraswamidhas L.A., Palanikumar K., Muruganandam D.	Strength and hardness studies of C44300 tube to AA7075-T651 tube plate threaded and unthreaded dissimilar joints fabricated by friction welding process	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	2019	Elsevier Editora Ltda
74	Palanikumar K.	Editorial preface: A Special issue on Advances in Materials, Manufacturing and Applied Sciences	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
75	Anbusagar N.R.R., Palanikumar K., Ramulu P.J.	Study of damage mechanism on OMT nanoclay polymer hybrid sandwich laminates	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
76	Achudhan, Deepavarsa, Vandhana, Shalini	Strengthening and retrofitting of RC beams using fiber reinforced polymers	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
77	Dhanasekar J., Sengottuvel P., Palanikumar K.	Implementation of effective fuel saving methodology for turbines using air drag in vehicles	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
78	Vijayakumar S., Palanikumar K.	Mechanical property evaluation of hybrid reinforced epoxy composite	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
79	Shadrach Jeya Sekaran A., Palani Kumar K.	Study on drilling of woven sisal and Aloe vera natural fibre polymer composite	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
80	Ponshanmugakumar A., Rajavel R.	Enhancement of heat transfer in double pipe heat exchanger	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
81	Mudhukrishnan M., Hariharan P., Palanikumar K.	Delamination analysis in drilling of carbon fiber reinforced polypropylene (CFR-PP) composite materials	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
82	Arputhabalan J., Palanikumar K., Roche Adaikalaraj S., Sugan Priyan M.	Investigation of glass fiber influence on mechanical characteristics and resistance to water absorption of natural fiber reinforced polyester composites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
83	Lilly Mercy J., Prakash S., Palanikumar K., Akshay Kumar B., Venugopal Reddy D.	Comparison & Multiresponse optimisation of drilling characteristics of bovine bones with varying density	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
84	Rathika S., Raghavan P.S.	Influence of polyvinyl palmitate copolymer as viscosity index improvers for lube	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
85	Bosco M.A.J., Palanikumar K., Durga Prasad B.	Assessment and analysis of roundness error in drilling GFRP-armour steel sandwich composites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
86	Balachandar M., Vijaya Ramnath B., Barath R., Bharath Sankar S.	Mechanical characterization of natural fiber polymer composites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
87	Arun Kumar R., Aakash Kumar R.G., Anees Ahamed K., Denise Alstyn B., Vignesh V.	Review of friction stir processing of aluminium alloys	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
88	Srithar A., Palanikumar K., Durgaprasad B.	Experimental investigation and surface roughness analysis on hard turning of AISI D2 steel using polycrystalline cubic boron nitride (PCBN)	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
89	Sri Karthikeyan S., Balakrishnan E., Meganathan S., Balachander M., Ponshanmugakumar A.	Elemental analysis of brake pad using natural fibres	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd

90	Arputhabalan J., Prabhu S., Palanikumar K., Venkatesh S., Vijay K.	Assay of machining attributes in drilling of natural hybrid fiber reinforced polymer composite	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
91	Prakash S., Lilly Mercy J., Palanikumar K., Teja P.V.S., Tanvir M.S.	Empirical modeling of roughness parameters in drilling composites a response surface approach	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
92	Prem Kumar S., Selvamani S.T., Vigneshwar M., Palanikumar K.	Developing an empirical relationship to predict maximum strength on friction stir welded (MG+ CNT) nanocomposites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
93	Ponshanmugakumar A., Rajavel R.	Experimental analysis of vapour absorption generator integrated with thermal energy storage system	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
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95	Vigneshwar M., Selvamani S.T., Nikhil M., Palanikumar K.	Some studies on tribological behavior of friction welded hybrid metal matrix nanocomposites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
96	Shanmugasundar G., Karthikeyan B., Santhosh Ponvell P., Vignesh V.	Optimization of process parameters in TIG welded joints of AISI 304L -austenitic stainless steel using taguchi's experimental design method	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
97	Nantha Kumar P., Nagappan V., Karthikeyan C.	Effects of fly ash, calcium carbonate fillers on mechanical, moisture absorption properties in poly vinyl chloride resin	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
98	Selvamani S.T., Vigneshwar M., Nikhil M., Hariharan S.J., Palanikumar K.	Enhancing the fatigue properties of friction welded AISI 1020 grade steel joints using post weld heat treatment process in optimized condition	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
99	Hariharan S.J., Vigneshwar M., Selvamani S.T., Shanmugam K., Palanikumar K.	Optimizing the plasma arc welding process parameters to attain the minimum corrosion rate in the AISI 409M grade ferritic stainless steel autogenous joints	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
100	Hariprasath P., Vijayakumar V., Selvamani S.T., Vigneshwar M., Palanikumar K.	Some studies on waste animal tallow biodiesel produced by modified transesterification method using heterogeneous catalyst	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
101	Dilip Raja N., Selvamani S.T., Vigneshwar M., Palanikumar K., Velu R.	Sensitivity analysis of friction stir welded aluminum based high strength metal matrix composite joints	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
102	Ramu P., Jaya Kumar C.V., Palanikumar K.	Mechanical characteristics and terminological behavior study on natural fiber nano reinforced polymer composite - A review	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
103	Balachandar M., Vijaya Ramnath B., Jagadeeshwar P., Yokesh R.	Mechanical behaviour of natural and glass fiber reinforced with polymer matrix composite	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
104	Balachandar M., Vijaya Ramnath B., Ashok Kumar S., Siva Sankar G.	Experimental evaluation on mechanical properties of natural fiber polymer composites with human hair	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
105	Arun Kumar R., Ramesh S., Kedarvignesh E.S., Aravind Arulchelvam M.S., Anjunath S.	Review of friction stir processing of magnesium alloys	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd

106	Shanmugasundar G., Sivaramakrishnan R., Meganathan S., Balasubramani S.	Structural optimization of an five degrees of freedom (T-3R-T) robot manipulator using finite element analysis	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
107	Balasubramani S., Prem Kumar N.	Friction factor, load and displacement studies of aa6063 in forward extrusion process with equal channel angular pressing (ECAP) preprocess	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
108	Ravikumar K., Palanivelu K., Ravichandran K.	Dielectric properties of natural rubber composites filled with graphite	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
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111	Ashok Gandhi R., Jayaseelan V., Raghunath B.K., Palanikumar K., Ramachandran S.	Nano indentation hardness testing of PP-CNT composites	MATERIALS TODAY: PROCEEDINGS	2019	Elsevier Ltd
112	Murukesh C., Rayavel P.	Predicting the severity of blood vessel tissue damage in retinal images using support vector machine classifier	AIP CONFERENCE PROCEEDINGS	2019	American Institute of Physics Inc.
113	Sreedevi B., Rayavel P.	Playing games in computers without physical interaction using electroencephalography for differently abled	AIP CONFERENCE PROCEEDINGS	2019	American Institute of Physics Inc.
114	Anand J.C.P., Yuvaraj V., Babu R.D.	Magneto hydrodynamic effects on steady blood flow in a stenosis under angular velocity	AIP CONFERENCE PROCEEDINGS	2019	American Institute of Physics Inc.
115	Dhineshkumar K., Subramani C., Prakash G., Vimala C.	A modified static gain SEPIC converter renewable applications	AIP CONFERENCE PROCEEDINGS	2019	American Institute of Physics Inc.
116	Prabhakar K., Debnath S., Anwar M., Palanikumar K.	Experimental Analysis on the Effect of Surface Treatment of Glass Fibers & Nanoclay on Mechanical Properties of Glass Fiber Reinforced Polymer Nanocomposites	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	2019	Institute of Physics Publishing
117	Das S., Chandrasekaran M., Samanta S., Kayaroganam P., Paulo Davim J.	Fabrication and tribological study of AA6061 hybrid metal matrix composites reinforced with SiC/B4C nanoparticles	INDUSTRIAL LUBRICATION AND TRIBOLOGY	2019	Emerald Group Publishing Ltd.
118	Ponmaniraj S., Rashmi R., Anand M.V.	IDS based network security architecture with TCP/IP parameters using machine learning	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES, GUCON 2018	2019	Institute of Electrical and Electronics Engineers Inc.
119	Kavitha P., Krishna Moorthy B., Sudharshan P.S., Aarthi T.	Mapping artificial intelligence and education	PROCEEDINGS OF THE 2018 INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INTERNET OF THINGS, IC3IOT 2018	2019	Institute of Electrical and Electronics Engineers Inc.
120	Sundharam V.M., Sriram M.S., Pachhaialmmal P.	Predicting the customer behavior through web page and content mining techniques	PROCEEDINGS OF THE 2018 INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INTERNET OF THINGS, IC3IOT 2018	2019	Institute of Electrical and Electronics Engineers Inc.

121	Sreedevi B., Pachiamma P.M.	Analysis of performance metrics with mesenchymal stem cell classification and optimization algorithms	PROCEEDINGS OF THE 2018 INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INTERNET OF THINGS, IC3IOT 2018	2019	Institute of Electrical and Electronics Engineers Inc.
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