



NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



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Vadapudupatti, Annanji (po), Theni - 625 531,
Tamilnadu, India.

Academic Year 2021-2022

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to article / paper / abstract of the article
1.	Experimental investigation of mechanical properties of Al7075-Al2O3-B4C composite via stir route	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	VIEW
2.	Road Profile Level Detector for Profile Leveling and Drafting	Mr.R. Shanmuga Priyan	Civil Engineering	INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY	2022	2278-0181	VIEW
3.	Block chain fostered cycle-consistent generative adversarial network framework espoused intrusion detection for protecting IoT network	A.Solairaj	Computer Science and Engineering	Transactions on Emerging Telecommunications Technologies, Wiley	2022	2161-3915	VIEW



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4.	Processing and Characterisation of Epoxy-SiC Functionally Graded Polymer Matrix Composites	B Radhakrishnan	Mechanical Engineering	Journal of Inorganic and Organometallic Polymers and Materials - springer	2022	1574-1451	VIEW
5.	Investigation of Wear Behaviour and Mechanical Properties of Titanium Diboride Reinforced AMMC Composites	B Radhakrishnan	Mechanical Engineering	Hindawi Advances in Materials Science and Engineering	2022	1687-8442	VIEW
6.	Experimental investigation of tensile properties in banana fibre composites	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	VIEW
7.	Chemistry of char forming mechanism of spiroposphates	David Mathan N,	Chemistry	Research Journal of Material Sciences	2022	2320-6055	VIEW
8.	Experimental Investigation and Parameter Analysis of Solar Still with the Different Wick Materials	B Radhakrishnan	Mechanical Engineering	Iranian Journal of Chemistry and Chemical Engineering (IJCCE)	2022	1021-9986	VIEW
9.	Effects of on MnO ₂ nanoparticles behavior of a sardine oil methyl	C. Sivakandhan	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2022	1588-2926	VIEW



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	ester operated in thermal barrier coated engine						
10.	Surface activated mesoporous Ag-Fe ₃ O ₄ tethered chitosan nanomatrix heterojunction photocatalyst for organic dyes degradation: Performance, recycling, and mechanism	S. Vigneshwaran, P. Sirajudheen, and S. Meenakshi	Chemistry	Environmental Nanotechnology Monitoring & Management	2022	100654	VIEW
11.	Construction of ternary (1D/2D/3D) Fe ₂ O ₃ -supported micro pillared Cu-based MOF on chitosan with improved photocatalytic behavior on removal of paraquat	S. Vigneshwaran, P. Sirajudheen, V. P. Sajna, C.M. Park and S. Meenakshi	Chemistry	Environmental Science and Pollution Research	2022	11356-022-18615-2	VIEW
12.	STUDY OF MECHANICAL PROPERTIES OF COPPER SLAG REINFORCED	B Radhakrishnan	Mechanical Engineering	Materials Physics & Mechanics	2022	1605-2730	VIEW



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	PARTICULATE POLYMER COMPOSITE.						
13.	Review- Investigation of bio-absorbable magnesium AZ91 alloy using powder metallurgy technique	A.Vennimalairaj an	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
14.	Review- Investigation of bio-absorbable magnesium AZ91 alloy using powder metallurgy technique	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
15.	Investigate the performance analysis of karanja biodiesel in diesel engine	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
16.	Modified microstrip fed of pentagon shape aperture coupling with RDRA for 5G wireless	Dr Athilingam	Electronics and Communicati on Engineering	Materials Today: Procedings	2021	2214-7853	VIEW



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	application						
17.	Modified microstrip fed of pentagon shape aperture coupling with RDRA for 5G wireless application	B.Manikandan	Electronics and Communication Engineering	Materials Today: Proceedings	2021	2214-7853	VIEW
18.	Heat transfer analysis in fin and tube exchanger using CFD	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
19.	Characterization of untreated and alkali treated Areca catechu fibre through eco-friendly composite plates	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
20.	Investigation of mechanical properties of friction stir welding aluminium alloy AA7475-T651 and AA2219-O	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
21.	Graphene applications in Unconventional	Vembathurajesh A,	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW



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	Machining Processes –A review						
22.	Graphene applications in Unconventional Machining Processes –A review	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
23.	Graphene applications in Unconventional Machining Processes –A review	Mathalai Sundaram C	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
24.	Investigate the characterization and synthesis process of Titanium dioxide nanoparticles	C. Mathalai Sundaram,	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
25.	Investigate the characterization and synthesis process of Titanium dioxide nanoparticles	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
26.	Investigate the welding of Inconel 718 and Inconel 600 in friction stir	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW



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	welding						
27.	Experimental investigation of Al7075 reinforced with WC and SiC metal matrix composites	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
28.	INVESTIGATION OF THE SURFACE ROUGHNESS OF ALUMINIUM COMPOSITE IN THE DRILLING PROCESS	B Radhakrishnan	Mechanical Engineering	Materials Physics and Mechanics	2021	1605-2730	VIEW
29.	Novel Approach to search distance using LLH approach	T.Yogameera	Computer Science and Engineering	Applied Computing E-Journal, Elsevier - E-library.	2021	2210-8327, 2634-1964.	VIEW
30.	Prediction of Surface Roughness in CNC Turning Process using Adaptive Neural Fuzzy Inference System	B Radhakrishnan	Mechanical Engineering	Journal of Engg. Research, ICMME Special Issue	2021	2307-1877	VIEW
31.	Analysis on unsteady heat transfer and fluid flow through	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW



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	sensible heat storage system						
32.	Computer vision-based surface roughness measurement using artificial neural network	Sivakandhan C,	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
33.	Computer vision-based surface roughness measurement using artificial neural network	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
34.	Dynamic mechanical analysis performance of pure 3D printed polylactic acid (PLA) and acrylonitrile butadiene styrene (ABS)	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2021	2214-7853	VIEW
35.	Charge Density Based Small Signal Modeling for InSb/AlInSb Asymmetric Double Gate Silicon	Dr.T.venishkumar	Electronics and Communication Engineering	Silicon-Springer	2021	1876-9918	VIEW



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	Substrate HEMT for High Frequency Applications						
36.	Applications of chitin and chitosan based biomaterials for the adsorptive removal of textile dyes from water- A comprehensive review	P. Sirajudheen, V. C. Resha Kasim, S. Vigneshwaran, C. P. Nabeena, and S. Meenakshi	Chemistry	Carbohydrate polymers	2021	118604	VIEW
37.	Surface modification method of duplex type stainless steels by the pack boriding process	B Radhakrishnan	Mechanical Engineering	Hemijaska industrija	2021	0921-5093	VIEW
38.	Low-Velocity Impact Behaviour of 3d Printing Techniques Using Fiber Reinforcement Polymer Composites: A State of the Art Reviews	B Radhakrishnan	Mechanical Engineering	Journal of Thin Films, Coating Science Technology and Application	2021	2455-3344	VIEW