



# NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
ISO 9001 : 2015 Certified Institution  
Vadapudupatti, Annanji (po), Theni - 625 531,  
Tamilnadu, India.

## Academic Year 2022-2023

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 website of the Journal
1.	Effect of alkali treatment on wear behaviour of walnut shell reinforced bio-composites	C. Sivakandhan	Mechanical Engineering	Materials today proceedings - science direct	2023	2214-7853	<a href="#">View</a>
2.	Experimental investigation on split type window Air conditioner using HFC and HC mixture as ecofriendly refrigerant alternate to HCFC-22	B Radhakrishnan	Mechanical Engineering	E3S Web of Conferences 399, 06004 (2023)	2023	2267-1242	<a href="#">View</a>
3.	Investigate the emission characteristic of biodiesel from waste cooking oil	B Radhakrishnan	Mechanical Engineering	E3S Web of Conferences 399, 06004 (2023)	2023	2267-1242	<a href="#">View</a>
4.	A Secured Block chain method for multivariate industrial IOT-	Mr.J.Mathalairaj	Computer Science and Engineering	Internet of Things,Elsevier	2023	2542-6605	<a href="#">View</a>



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	Oriented infrastructure based on deep residual squeeze and excitation network with single candidate Optimizer						
5.	Arduino Uno-Based Room Temperature Sensor for Automatic Fan Speed Controller	Dr M Pandimaharajan	Electrical and Electronics Engineering	Journal of Data Acquisition and Processing	2023	1004-9037	<a href="#">View</a>
6.	Synthesis and investigation of sm3 doped mn0.5cu0.5Fe2o4 for microstrip antenna	Dr.T.venishkumar	Electronics and Communication Engineering	Journal of Materials Science: Materials in Electronics , Springer	2023	0957-4522	<a href="#">View</a>
7.	Reversible Logic based Cryptography Design Algoriyhm using Random key	Dr.T.venishkumar,	Electronics and Communication Engineering	Journal of Electronics and Informatics (iroei), IRO journals	2023	2582-3827	<a href="#">View</a>
8.	Reversible Logic based Cryptography Design Algoriyhm using Random key	S.Prathap,	Electronics and Communication Engineering	Journal of Electronics and Informatics (iroei), IRO journals	2023	2582-3827	<a href="#">View</a>



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9.	Reversible Logic based Cryptography Design Algorithm using Random key	M.Idhayachandran	Electronics and Communication Engineering	Journal of Electronics and Informatics (iroei), IRO journals	2023	2582-3827	<a href="#">View</a>
10.	BLDC motor torque ripple factor lowering and FOPID based motion control using DGOA algorithm	Dr M Pandimaharajan	Electrical and Electronics Engineering	Journal of Materials Science: Materials in Electronics, Springer	2023	1461-3484	<a href="#">View</a>
11.	A Novel Method to Identify the Fault in Transmission Line Using Discrete Wavelet Transform (DWT)	Dr M Pandimaharajan	Electrical and Electronics Engineering	European Chemical bulletin	2023	2063-5346	<a href="#">View</a>
12.	Design, Development and packing of Lithium Ion Battery Pack for Electric Vehicles	Dr M Pandimaharajan	Electrical and Electronics Engineering	European Chemical bulletin	2023	2063-5346	<a href="#">View</a>



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13.	AN IMPROVED METHOD TO SECURE SENSE AMPLIFIER USING MACHINE LEARNING ASSISTED MEMRISTORS	Dr M Pandimaharajan	Electrical and Electronics Engineering	ICTACT JOURNAL ON MICROELECTRONICS,	2023	2395-1680	<a href="#">View</a>
14.	Effect of process parameters on machining behaviour using S/N ratio and ANOVA analysis	C. Sivakandhan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	<a href="#">View</a>
15.	Assessment of physical and chemical water quality parameters using naive bayes control algorithm	Dr.M.Pandimaharajan	Electrical and Electronics Engineering	Materials today- Proceedings	2022	2582-3827	<a href="#">View</a>
16.	Study of tensile properties on natural fiber polymer laminated composite	C. Sivakandhan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	<a href="#">View</a>
17.	Enhanced Elman spike neural network based sentiment analysis of online product	A.Solairaj	Computer Science and Engineering	Applied Soft Computing, Elsevier	2022	1568-4946	<a href="#">View</a>



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	recommendation						
18.	Analyse the surface quality in the milling process by soft computing approaches	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	<a href="#">View</a>
19.	Optimization of process parameter in Electrical Discharge Machining process via Taguchi method	C. Mathalai Sundaram,	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	<a href="#">View</a>
20.	Optimization of process parameter in Electrical Discharge Machining process via Taguchi method	B Radhakrishnan	Mechanical Engineering	Materials today proceedings - science direct	2022	2214-7853	<a href="#">View</a>