



CMS COLLEGE OF ENGINEERING AND TECHNOLOGY

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List of International/National Journal Publication-Academic Year 2021-22

S.No	Title of the paper	Name of the author's	Department of the teacher	Name of journal	Year of publication	ISSN number
1	Experimental investigation on ductility and hardness of squeeze cast Al-Si-Cu alloy using response surface methodology and excel-solver	Mr.C.Manikandan	Mechanical Engineering	Materials Research Express	2021	76512
2	Experimental study on partial replacement of cement and sand by using metakaolin and eco sand in concrete	V. Akshana , K. Muralikrishnan , D. Ranjini	Civil Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
3	Investigation of mechanical characteristics of bio fiber reinforced materials	A.NaveenArasu, Dr. R. Thangaraj, P.Karthigaiselvi	Civil Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
4	Experimental study of pond ash in concrete as a partial replacement for fine aggregate	A.Naveen Arasu, B. Aravinthan, K.Sunitha	Civil Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
5	Experimental study on flexural	Thangaraj R Niranjani Shibin C Haroon	Civil Engineering	International Journal of Early		ISSN: 1308-5581

	behaviour of steel-foam concrete composite			Childhood Special Education		
6	Emotion based music player using deep learning and AI	Dr.G.Chitra Ganapathi P Ponni Saranya G	Computer Science and Engineering	International Journal of Early Childhood Special Education		ISSN: 1308-5581
7	Adaptive mining of data using clustering and classification of multi-information system	Dr.G.Chitra Ganapathi, V Umashankari., R Ramesh kumar	Computer Science and Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
8	Robust app clone detection based on similarity of ui structure	Dr.N.Sudha. Dr.G.Chitra Ganapathi, Dr. R.Kumar	Computer Science and Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
9	Memory deduplication and partition for improving performance in cloud computing	Dr.G.Chitra Ganapathi, Dr.N.Sudha, Reshma P	Computer Science and Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
10	Iot-based vehicle pollution monitoring and control	Dr. N Sudha, Mr. R Ramesh S Dinesh kumar	Computer Science and Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
11	Facial expressions and emotion recognition	Dr. N Sudha, MS. P Pradheeba, M.S Vidhya	Computer Science and Engineering	International Journal of Early	2021	ISSN: 1308-5581

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12	Smart agriculture with internet of things (iot)	Dr. N Sudha, MS. P .Reshma Dhanyakrishna	Computer Science and Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
13	Design of microstrip bandpass filter with square loop resonators	G. Kingsley, P. N. Sureshkumar G.Ayappan	Electronics and Communication Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
14	RFD based smart guard watchdog system	S. Prabakaran, M. Pravin, B. M. Mailsamy	Electronics and Communication Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
15	Elder people health monitoring system using IoT	Mr. K. Sivaraj, Mr. S. Prabhu, Mr. G. Varadharaju	Electronics and Communication Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
16	A smart agriculture monitoring and controlling system using gsm	Ramasamy D, Vibin R, Deepakraja	Electrical and Electronics Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
17	Real-time weather monitoring system using iot	<i>Ramasamy . A</i> Mohanabalan R Vibin.R	Electrical and Electronics Engineering	International Journal of Early	2021	ISSN: 1308-5581

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18	Battery Management System for Electric Vehicle	D Suresh, Deepakraja C M Balasubramanian	Electrical and Electronics Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
19	Tooth-Bending Effects in Spur Gear Tooth Influence on Load sharing and Stresses using Finite Element Method	Manickaraj.K, Satheeshbabu S , Navin, Aravind	Mechanical Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
20	Stress analysis of spur gear drive using finite element method by varying number teeth	Manickaraj.k, Satheesh babu M Dr.M.Mahendra boopathi	Mechanical Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
21	Dual Rotor Vertical Wind Turbine	Navin , M.Naveen Prabu , M.Kumaresan	Mechanical Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
22	Performance study of design and fabrication of electric vehicle	B.Karthick , Dr.M.Mahendra boopathi, M.Sathesh Babu	Mechanical Engineering	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581
23	Design of fluidized bed bagasse dryer	V. Srinivasan, A.Nagarajan, M.Vijayaraj	Mechanical Engineering	International Journal of	2021	ISSN: 1308-5581

	and the performance study on kinetics of hot air flow through the distributors and the orifices			Early Childhood Special Education		
24	Intuitionistic fuzzy π generalized semi pre continuous mappings	E.Dhanalakshmi , M.Vimala, E.Rameshkumar	Science and Humanities	International Journal of Early Childhood Special Education	2021	ISSN: 1308-5581