

Publications 2020-2021

List of Journal Papers:

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Waste Management Of Debris To Durable Block Using Rca And Fly Ash	Rishav Singh, Md. Moinuddin	C.E	International Journal Of Innovation In Engineering Research & Management	2020	ISSN: 2348-4918	http://journal.ijierm.co.in/index.php/ijierm/about
AN OVERVIEW OF CONFINED MASONRY STRUCTURES AS SEISMIC RESISTANT STRUCTURE	Chayan Biswas, Azharuddin Ahmed, Golam Rasel Mondal, Gopinath Dey, Nirmalya Bhattacharya	C.E	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	ISSN-2349-5162	https://jetir.org/jetir%20ugc%20approval.pdf
Benefits and Challenges of Precast Construction in India – A Review	Azharuddin Ahmed; Dr. Anup Kumar Mandal	C.E	SSRG International Journal of Civil Engineering	2020	ISSN: 2348 – 8352	https://www.internationaljournalsrsg.org/IJCE/indexing.html
A	Rishav	C.E	Research	2020	ISSN:	https://iaraindia.com/research-

Comprehensive Comparative Study Between Howrah Bridge And Second Hooghly Bridge	Singh, Azharuddin Ahmed		Explorer, Indian Academic Researchers Association		2250-1940	explorer/research-explorer-previous-issues/
AN EXPERIMENTAL STUDY ON DIFFERENT MATERIAL PROPERTIES REQUIRED FOR MAKING OF FLY ASH BRICK	MD MAINUDDIN, MD RUHUL AMIN	C.E	RESEARCH EXPLORER, Indian Academic Researchers Association	2020	ISSN: 2250-1940 (P) 2349-1647 (O)	https://iaraindia.com/research-explorer/research-explorer-previous-issues/
STUDY ON CHARACTERISTICS OF KOLKATA SOIL ON THE BASIS OF LIQUEFACTION SUSCEPTIBILITY	Dhritiman Mondal, Rishav Singh	C.E	SCIENCE EXPLORE, Indian Academic Researchers Association	2020	ISSN: 2250-1940	https://iaraindia.com/science-explore/previous-issues/

Ingenious Menu Ordering System for Restaurants	Prithick Saha	ECE	International Research Journal of Engineering and Technology (IRJET)	2020	e-ISSN: 2395-0056 p-ISSN: 2395-0072	https://www.irjet.net/irjet-indexing
A CFD Analysis of the Air Flow Around a Grinding Wheel	Sujit Majumdar , Ahin Banerjee , Debasish Roy , Samik Chakraborty	ECE	Journal of the Association of Engineers	2020	0368-1106	https://www.i-scholar.in/index.php/JAEI
Modelling and Optimization of Grinding Process using Flower Pollination Algorithm	Sujit Majumdar, Sudip Mandal, Rajiv Singh, Samik Chakraborty	ECE	Journal of Intelligent Manufacturing (JIMS), Springer Journals	2020	ISSN: 1572-8145	https://link.springer.com/journal/10845/updates
Simple gain Model of Group III-V semiconductor based Laser diode	Abhishek Saha, Vedatrayee Chakraborty	ECE	Recent Trends in Electronics & Communication Systems	2020	eISSN: 2393-8757	https://www.stmjournals.com/Indexing.html
New Frequency Domain–Based Inverse	Joy Kumar Mondal, Abhishek Kumar	CE	International Journal of Geomechanics	2021	ISSN: 1943-5622	https://ascelibrary.org/journal/ijgnai

Ground Response Analysis Framework for the Determination of Dynamic Soil Properties						
A Systematic Review on Inverse GRA Methodologies Developed for the Determination of Dynamic Soil Properties Using Downhole Seismic Array Records	Joy Kumar Mondal, Abhishek Kumar	CE	Indian Geotechnical Journal	2021	ISSN: 0971-9555	https://link.springer.com/journal/40098
Comparative study of Drain current of Symmetric and Asymmetric DG MOSFET with simulation in Silvaco_TCAD Software	Abhishek Saha, Vedatrayee Chakraborty	ECE	Journal of Semiconductor Devices and Circuits	2021	ISSN 2455-3379	https://www.stmjournals.com/Indexing.html
Evaluation of	Sujit	ECE	Measurement	2021	ISSN 0263-	https://www.sciencedirect.com/journal/

cutting fluid application in surface grinding	Majumdar, Pinaki Das, Suraj Kumar, Debasish Roy, Samik Chakraborty				2241	measurement
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List of Book Chapters in edited volumes/books published and papers published in national/international conference proceedings

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Abhishek Saha	NA	A Comparative Study of GaN and Si-	Lecture Notes in Networks and	Topical Drifts in Intelligent Computing	International	2021	978-981-19-0745-6_37	Dream Institute of Technology	Springer Link

			Based SOI FinFET	Systems	g. ICCTA				logy	
2	J.P. Banerjee	NA	Optimization of a Dual-Material Double-Gate TFET for Low Power Digital Application	Lecture Notes in Networks and Systems	Computers and Devices for Communication	International	2021	978-981-15-8366-7_58	Dream Institute of Technology	Springer
3	J.P. Banerjee	NA	A Novel Approach Dual Material Double Gate Germanium-Based TFET	Lecture Notes in Electrical Engineering	Advanced Materials for Future Terahertz Devices, Circuits and Systems	International	2021	978-981-33-4489-1_12	Dream Institute of Technology	Springer