

K.S.R. COLLEGE OF ENGINEERING (Autonomous)
TIRUCHENGODE - 637 215
Conference Publications - Calender Year 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Conference	ISBN Number	Scopus indexed (Y/N)	Publisher Name	DOIs	Page No.	Month & Year of Publication
Civil Engineering									
1	S.Sathiyaruba, P.Hema, Dr.V.Revathi	Durability of Lightweight Geopolymer Concrete Made With GGBS And RHA –A Review	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
2	Dhinakaran S.B, Mr.S.Elango	A Study of Quality Control Management in Construction Industry.	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
3	Santhosh M, Mr. A.Thomas Eucharist.	A Study of Passive Solar Energy System In Building Construction	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
4	Mr.K.Selvakumar, G.Sowmiya	Experimental Investigation On Partial Replacement Of Fine Aggregate By Halite in High Performance Concrete	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
5	Boopathi.S . Mr.S.Dinesh Kumar	Detailed Report To Solve And Improvement Of Intelligent Transport System	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
6	Suresh.T, Mr.B.Suresh	Experimental Investigation Of Partial Replacement Of Fine Aggregate With Plastic Power In Geopolymer Concrete	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
7	Radhakrishnan S, Dr. P Sudha	Field Investigation On Ergonomics Risk Aspects Of Labour In Construction Site 2	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
8	M.Arthivu Nithi , P.Hema, Dr V. Revathi	Review On Strength Aspects Of Lightweight Geopolymer Concrete With GGBS And RHA	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
9	Ponnusamy. Dr.A Alex Rajesh, G.Gobinath	An Endurance-Assessment Of Concrete With A Partial Fraction Of Nano-Admixture And High-Range Water Reducers When Exposed To Diverse Chemicals	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023

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10	C.Yokhesh, Mr.T.Vijayashankar	Strength And Durability Study Of Geopolymer Concrete With Silica Fume As Mineral Admixture	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
11	P.Saswin Dr N.Muralimohan	Experimental Study On Behaviour Of Concrete Filled Tubular Columns With Varying Steel Materials	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
12	T.Santhosh Kumar , Mr.T.Vijayashankar	Experimental Study Of High Strength Geopolymer Concrete With Alumina-Silica Materials	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
13	V.Santhiya Dr.M.Gunasekaran	Comparative Study On Reinforced Fly Ash Brick Masonry	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
14	N.Yogiraja Mr.R.Babu, Dr.S.Senthilkumar	Development Of Innovative System To Aide The Construction Industry	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
15	G Meenakshi Sundaram Mr.D.Kanagaraj, Mr.S. Elango	A Pervious Concrete Durability Study With Marble Powder As A Fractional Substitute Of Cement	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
16	N. Jeyapremraj Dr.M. Gunasekaran	Experimental Studies On Lightweight Cementitious Composites' Performance	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
17	N. Sakthivelu, Dr. S. Senthilkumar, Dr. M. Gunasekaran	Extracts From Cost Overruns, Delays, And Risk Management	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
18	D. Jayakumar, Dr. P. Sudha	Performance And Behavior Of Concrete With Partial Replacement Of Cement, Carbon Black, And Natural Fine Aggregate	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
19	M. Saravana Prabhu, Mr.S. DineshKumar	An Experimental Investigation Of Grout With Quartz Power	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023

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20	V. Subramanian, Dr. S. Senthilkumar Dr. M. Gunasekaran	Geopolymer Bricks Under Scrutiny: Researching Their Feasibility And Potential Applications	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
21	D Mujeebur Rahaman Dr.P. Prasanthni.,	Study On Investigation Of Behaviour Of Rc Beam By Using Rebar Coupler	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
22	Sunil Jerome Mr. A. Thomas Eucharist	Experimental Study On Latex Modified Basalt Fibre Concrete	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
23	R.Mukesh, Mr.S.Saravana Ganaesh	Experimental And Study of Geopolymer Concrete using fly ash and GGBS	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
24	Naveen Bharathi S, Mr.K.Selva Kumar	Management Principles and Application for Construction and the Building Environment Sector	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
25	B.Muthu Kumaran, Dr.N.MuraliMohan	Application Of Construction 4.0 In Internet Of Things And Lean Construction Of Tools In The Quality Management System Of Residential Building Projects	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
26	S.Eraibalan, Mr.R.Babu	Economical Cost Control And Duration Analysis In Repair And Rehabilitation Of Building	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
27	R. Sundaralakshmanan, Dr A. Alex Rajesh	Strength Properties of Light Weight Concrete with Waste Rubber Aggregate	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
28	Pranesa Raja.R, Mr.S.Saravanaganesh	Study On Strength And Durability Of Geo-Polymer Concrete.	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023
29	R.Sathiyaraj Mr.S.Elango	Experimental Investigation On Transperancy Of Concrete Using Optical Fibre	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023

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30	M.Mohamed Ibrahim Dr.P.Prasanthni	Experimental Study On Rubberized Concrete With Fully Replacement Of Asphalt Aggregate	Proceedings of Tenth Virtual National Conference on Trendy and Sustainable Development in Civil Engineering,KSRCE, Tiruchengode.	-	-	-	-	-	02nd June, 2023

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1	Vijayakumar Madhaiyan, Ramasamy Murugesan, Gobimohan Sivasubramanian, K.Sathiyasekar, V. Arun, S.Prabhu	Sixty Degree PWM Controlled 7- Level Inverter Utilizing Binary Input	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICAEECI58247.2023.10370833		2023, October
2	Vijayakumar Madhaiyan, Ramasamy Murugesan, Senthilkumar Sengottaiyan, Vijayakumar Muniyan, Arun Vijayakumar, Prabhu Sundaramoorthy	Analysis of Performance for Multilevel Inverters Utilizing Different Pulse Width Modulation Techniques	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICAEECI58247.2023.10370780		2023, October
3	Vijayakumar Madhaiyan, Ramasamy Murugesan, V. Arun, S.Prabhu	Nine Switch Dual Input 9- Level Inverter (NSDI9LI) with Inherent AC Voltage Generation Ability	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICAEECI58247.2023.10370814		2023, October
4	S.Senthilkumar, E.Kannan, Vijayakumar Madhaiyan, S. Gowtham, V. Arun, S. Prabhu	Analysis on various core materials and magnets for Electric Vehicle Applications	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICAEECI58247.2023.10370773		2023, October
5	S.Ramesh, Vijayakumar Madhaiyan, and V. Arun	Evaluating the Effectiveness of the TAR Pulse Width Modulation Strategy for a 7-Level Inverter with Non-Uniform Source Voltages	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICAEECI58247.2023.10370857		2023, October
6	Selvam.P, R.Venkatesh, K.Yamuna,M.Shayma Gowri, Balamurugan,A, R.Devarajan.	A Spontaneous energy optimization algorithm based Amalgamated power quality conditioner to reduce harmonic effects and improve power quality for grid connected wind energy systems	International conference on Sustainable communication Networks and Application (ICSCNA 2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICSNA58489.2023.10370535		15-17 November 2023

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7	R.Sathish, R.Venkatesh, B.Yuvarani, K.Kannan, A.Ragavendiran, P.Selvam	A single KY Boost Converter based system Emulator for Testing Unbalanced Microgrid using IOT	7th International Conference on Electronics, Communication and Aerospace Technology (ICECA-2023)	9.7984E+12	Y	IEEE	DOI: 10.1109/ICECA58529.2023.10395524		22-24, November 2023

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1	Dr.C.Gowri Shankar K.Kavinesh S.Kumar S.Lokendran V.Sukumar	Block Chain Based Secure Routing and Trust Management in Wireless Sensor Network	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
2	Dr.S.Karthikeyan T.Aswath A.Jawahar Dhanush K.B.Ruthuresh M.Sabari	Human Life Safety System with Electrical Information Using GSM and GPS	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
3	Dr.R.Eswaramoorthi S.Arunkumar K.IIavarasan T.Manoj R.Prabakaran	Landslide Monitoring System Using IoT	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
4	Mrs.P.Thilagavathi Kishore.D Lingesht.S Naveena.M Vignesh.V	Automatic Bus Arrival Announcement System Using RF Transmitter and Receiver	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
5	Mr.P.Sivasankar Rajamani C.P.Jeevanandham G.Santhiya M.Sowmyashri R.Swathi	Driver Drowsiness Detection and Control System Using Embedded System	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
6	Dr.S.Karthikeyan C.Kiran T.Kiranraj E.Rathidevi N.Subha	EB Energy Meter Monitoring System Using IoT	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
7	Dr.R.Satheeskumar S.Jagadeep A.Shalini M.Sree Ganesh R.Yogesh	Night Vision Security Patrolling Robot With Sound Sensing	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
8	Dr.T.M.Sathish Kumar R.Magibalan A.Mohanprasath T.Ragul S.Selva Praveen	Real Time Bus Monitoring System Using Mobile Location	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
9	Dr.A.Velliangiri D.V.Mohanaselvan T.Prithivraj R.Sanjay	Face Mask Recognition and Social Distance Monitoring for Covid Pandemic	Fifth International Conference on Emerging Trends in Engineering and Technology	-	N	-	-	-	2023

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10	Dr.P.Mahendran T .Aravinthan S.J Diwahar S .Sharan Y.Sneha	Automatic Electrical Appliance Fault Detection System with Remote Monitoring Through IOT	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
11	Mr.K.Karuppanasamy K.Ashok Kumar S.Dinesh S.Mohan R.Perumal	Railway track Defect monitoring based on IOT	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
12	Dr.K.P.Uvarajan M.Kavin M.Sakthishree G.Vinothini S.Tamil Shri	Automated Intimation to Ambulance for Emergency Medical Service and Traffic to Clearance Using IOT	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
13	Mr.J.Rameshkumar S.Gowrimanohari M.Jayaprakash D.Monisha M.Tamilarasu	Design of broadband Microstrip Antenna for 5G Applications	Fourth International Conference on Recent Innovations in Engineering and Technology	-	N	-	-	-	2023
14	Mr.M.Jothimani T.Dineshkumar R.Gowtham B.Sethu V.Thirumurugan	Water Quality Monitoring System Based on IOT.	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
15	Mr.S.Krishnakumar J.Kamaraj S.D.Logesh S.M.Thilakbalaje N.Sree Harish	IOT Based Green House Frame Work and Control Strategies for Sustainable Agriculture	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
16	Mrs. D. Gowthami Indumathi.J Kalidas.M Kavinmuthu.M Priyadharshini.V	Navigation System for Visually Impaired People by Using Raspberry PI	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023
17	Mrs.P.Usha Karthika Devi.K Pradeepa.S Subashini.E Sushma.S	Student Management System and CGPA SGPA Calculator	Seventh International Conference on Engineering, Technology and Science	-	N	-	-	-	2023


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