



**DEPARTMENT OF CIVIL ENGINEERING**

**PUBLICATION DETAILS**

**Journal/Conference Publication Details:**

**AY- 2020– 2021**

<b>S.N O.</b>	<b>FACULTY NAME</b>	<b>Citation</b>	<b>Doi</b>	<b>Scopus</b>	<b>Sci</b>	<b>Non-Scopus/ Non-Sci</b>
1	Roshan Sriraam M. and <b>Dr. Selvan V</b> , A Review on Development of High Temperature Resistant Concrete using Alternate Materials, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 11, Issue 1, pp.67-72(2020).		<i>581.1120 20/2581</i>			<b>1</b>
2	Pradeepkumar K. S., <b>Selvan V.</b> , Satheeshkumar K. R. P., Review of Numerical Methods for Sloshing, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8, Issue XI, 2020, ISSN: 2321-9653.					<b>1</b>
3	Oviya I., Sumega N. and <b>Selvan V.</b> , Experimental Investigation on Strength Properties of High-Performance Concrete Under Shockwave Compactor, AIP Conference Proceedings 2270, 120004 (2020).		<i>https://doi.org/10.1063/5.0019386</i>	<b>1</b>		
4	Sumega N., Oviya I., <b>Selvan V.</b> , Experimental Investigation on High Temperature Concrete Using Shockwave Application, AIP Conference Proceedings 2270, 120003 (2020).		<i>https://doi.org/10.1063/</i>	<b>1</b>		

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5	Siddarth Manoj D, <b>Eswaramoorthi P</b> “Study on Pre-Engineered Building and Conventional Steel Structure” International Journal of Advanced Research in Science, Communication and Technology I, Volume 5, Issue 2,557-564(2021), ISSN No: 2581-9429.					1
6	Siddarth Manoj D, Jinimol, <b>Eswaramoorthi P</b> “A comparative study of pre-engineered building, and conventional steel structure” International Research Journal of Modernization in Engineering Technology and Science, Volume.3, Issue.4,1442-1448, 2021.					1
7	Siddarth Manoj D, <b>Eswaramoorthi P</b> “ A Review on Comparative Study of Pre Engineered Building, Conventional Steel Structure and RC Structures” International journal of Advances in Engineering and Management (IJAEM), Volume 2, Issue 8, 670-677(2020).					1
8	Jinimol J.S, <b>P,Eswaramoorthi</b> “ Comparative Analysis and Design of PSC I Girder and Double T Girder at Platform Level in Elevated Metro Stations” International journal of Advances in Engineering and Management (IJAEM) Volume 3, Issue 6, 2021, 2641-2646.					1
9	G. Ranganayagi and <b>J. Premalatha</b> . “Tall Buildings with Outrigger and Belt Truss System as the Lateral Load Resisting System- A Review”. International Journal of Advanced Research in Science, Communication and Technology (IJARSCT). Volume 11, Issue 2, 2020, 150 - 154.		10.48175 /IJARSCT- 615 150			1
10	<b>J. Premalatha</b> and P. Gokulakannan. “Seismic Performance of Steel Concrete Composite Multi-Storey Frame”. International Journal of Advanced Research in Science, Communication and		10.48175 /IJARSCT- 1317			1

	Technology (IJARSCT) Volume 5, Issue 2, May 2021. 734-740.					
11	<b>J. Premalatha</b> and P. Gokulakannan. "Seismic Performance of Tall Buildings With Diagrid Structural Systems-A Review". International Research Journal of Modernization in Engineering Technology and Science Volume 02, Issue 11, November-2020, 479-483.					1
12	<b>Sathyamoorthy G.L</b> and Janani Priya I. published a paper on Application of Natural Adsorbents for Removing Heavy Metal Ions from Industrial Wastewater in the International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 4, Issue 2, April 2021.			1		
13	<b>Sathyamoorthy G.L</b> and Baviya. K published a paper on Determination of Kinetic Constants for Treating Tannery Wastewater Using Activated Sludge Process (ASP) in the International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) in IJARSCT, Volume 3, Issue 2, March 2021.			1		
14	<b>Sathyamoorthy G.L</b> and Shanmuga Raj. R published a paper on Industrial wastewater treatment by up flow anaerobic sludge blanket reactor (UASBR) Pensée International Journal Volume :51, Issue:3 PENSEE ISSN: 0031-4773 pp 638-649, March 2021.					1
15	<b>Sathyamoorthy G.L</b> and Sneha, M. Published a paper on Removal of arsenic from water by using fly ash agglomerates in the Web of Science AIP Conference Proceedings 2270, 060002 (2020); Published Online: November 2020.		<a href="https://doi.org/10.1063/5.0025863">https://doi.org/10.1063/5.0025863</a>		1	
16	<b>Sathyamoorthy G.L.</b> and Sam Sushmitha, A published a paper on Nutrient (phosphorus) removal from domestic wastewater in the in the Web of Science AIP Conference Proceedings 2270, 060001 (2020); Published Online: November 2020.		<a href="https://doi.org/10.1063/5.0019686">https://doi.org/10.1063/5.0019686</a>		1	

17	<b>Dr.K.Ramadevi</b> and S. Parkavi,"Shear Behavior and Failure Pattern of Precast Wall Panel Connections with Full and Semi Blockouts (Slots)" . tierarztlichejournal. Vol 41, 2021, ISSN: 0303-6286.					1
18	<b>Dr.K.Ramadevi</b> , Ms. J.Sathya Kirubaa and Dr.K.Kumaresan, Self -Healing Bacterial Concrete, Pensee International Journal ,Volume 51, Issue 1, 2021, pp. 766-771, ISSN 0031-4773.					1
19	S. Gokul Raj, Anto Sahaya Jaser, and <b>K. Ramadevi</b> , 2020. Investigation on the extent of efflorescence formation in various brands of Portland pozzolanic cements AIP Conference Proceedings 2270, 030012.		<a href="https://doi.org/10.1063/5.0020777">https://doi.org/10.1063/5.0020777</a>	1		
20	Sruthi. S , <b>V. Gayathri</b> , "A Review on Parametric Study on Properties in Geopolymer Concrete by Using Industrial By Products", tierarztlichejournal. Vol 40, 2020, ISSN: 0303-6286.					1
21	P. Muthukumar, R. Janani, S. Sivamani , N. Sivarajasekar , T. Pradeepika, S. Sivapriya, <b>V. Gayathri</b> , "Kinetics and thermodynamics of thermal inactivation of partially purified bacteriocin from Pseudomonas aeruginosa" AIP Conference Proceedings 2270, 020001, November 2020		<a href="https://doi.org/10.1063/5.0019523">10.1063/5.0019523</a>	1		
23	N. Sivarajasekar , T. Pradeepika , S. Sivapriya , <b>V. Gayathri</b> , S. Sivamani, "Optimization of copper(II) biosorption onto waste Gossypium hirsutum seed microwavebiochar using RSM" AIP Conference Proceedings 2270, 020007, November 2020.	1	<a href="https://doi.org/10.1063/5.0019524">10.1063/5.0019524</a>	1		
24	S C Boobalan , <b>VGayathri</b> , GShyamala, D Maruthachalam and Sandhya Rani, "Performance of sustainable concrete with crushed rock fines–A Review" ICRAEM 2020, IOP Conf. Series: Materials Science and Engineering 981 (2020) 032065 .		<a href="https://doi.org/10.1088/1757-899X/981/3/032065">10.1088/1757-899X/981/3/032065</a>			1
25	Danda Harshitha , <b>V. Gayathri</b> ,"Use of Red Mud In Pavement Applications: A					1

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26	A.Jesudass , <b>V. Gayathri</b> , R. Geethan , M. Gobirajan , M. Venkatesh, "Earthen blocks with natural fibres - A review", Science Direct, February 2021.		10.1016/j.matpr.2021.01.434		1	
27	S.C. Boobalan , V. Aswin Srivatsav , A. Mohamed Thanseer Nisath , A. Pratheesh Babu , <b>V. Gayathri</b> , "A comprehensive review on strength properties for making Alccofine based high performance oncrete" ScienceDirect,2021.		10.1016/j.matpr.2021.01.278		1	
28	C Govardhan, <b>Dr. V. Gayathri</b> , "A Review on Concrete made by using Industrial By-Products and Recycled Aggregates" Pensee, Volume 51, Issue 1, 2021, ISSN: 0031-4773.					1
29	Sidharthan.K, <b>Gandhimathi.A.</b> "Analysis of Air Pollutants from Industry Zone In Coimbatore City in International Research Journal Of Modernization in Engineering Technology and Science,Volume.3, Issue07. July-2021.					
30	<b>Gandhimathi.A</b> and Naresh.K. "Analysis of Water Quality at Ooty for drinking purpose at World Journal of Advanced Engineering and Technology and Science 20 June 2021					
31	<b>Gadhimathi.A</b> and Ganesh Kumar.B "Environmental Impacts of Air Pollution in Coimbatore, Tamilnadu" at Pensee Journal, Volume 51, Issue 02 – 2021.					1
	Sri Pranap.K and <b>Gandhimathi.A</b> "Experimental Study On Validation the Performance of Hair Fibre Reinforced Concrete Beam Under Monotonic Loading at AIP Proceeding-030013 -3. 2021.					1
32	<b>A. Geethakarathi</b> , "Novel Approaches Towards Sustainable Management of an Agricultural Residue - The Rice Husk" Vol. 20, No.1, pp. 349-355, 2021, p-ISSN: 0972-6268.		10.46488/NEPT.2021.v20i01.040	1		

33	R. Sukanya Devi, <b>A. Geethakarathi</b> , "Electro - chemical coagulation treatment for the degradation of reactive blue 25 dye effluent using different electrodes" AIP Conference Proceedings 2270, 060006, 02 November 2020	1	10.1063/ 5.001952 0	1		
34	Sneha M, <b>Ramsundram N</b> , "Covid 19 influence on mixed urban cluster air quality: A case study from INDIA". Asian Pacific Journal of Environment and Cancer (accepted and under production)					1
35	B Jeeva , S Jai Sandeep , <b>N Ramsundram</b> , M Prasanth and B Praveen, "Experimental Investigation of Three Bladed Inclined Savonius Hydrokinetic Turbine by using Deflector Plate" ATFE 2021, 1146 (2021) 012009,		10.1088/ 1757- 899X/11 46/1/012 009			1
36	Reshma K, <b>Ramsundram N</b> , Rajalakshmi S, Balasundaram V. Performance of 27 Reference Crop Evapotranspiration models for semi-arid climate zone. International Journal of All Research Education and Scientific Methods (IJARESM), Volume 9, Issue 5, 2021, 3540 - 3580					1
37	Niveditha M, <b>Ramsundaram N</b> , Rajalakshmi S. A study on aerosol and its interactions – a review. International Research Journal of Modernization in Engineering Technology and Science Volume. 03, Issue. 05. 2021, 2336 – 2341.					1
38	B Jeeva, S Jai Sandeep, <b>N Ramsundram</b> , M Prasanth and B Praveen. "Experimental Investigation of Three Bladed Inclined Savonius Hydrokinetic Turbine by using Deflector Plate". IOP series. 1146, 2021, 1-8.		0.1088/1 757- 899X/11 46/1/012 009	1		
39	<b>Narayanan Ramsundram</b> , Abdul Rahman Hajira Sulthana, A. Deepak Kumar, K. R. Aranganayagam and D. Pricilla. "Impact of fenton process Operating pH on textile effluent decolorization", Parana Journal of Science and Education, Vol. 7, No. 5, 2021, 8-21.					1

40	Nithya Subhashini T, <b>Ramsundram N.</b> COVID -19 Spreads Through Respiratory Droplets: A Review of Modelling and Simulation. International Journal for Science and Advance Research in Technology, Volume 7, Issue 6, 2021, 637-641.					1
41	Gokul Kishore K S, <b>Manju R</b> and Sakthivel T, "Evolution of Composite Sandwich Panels in General Construction Practices" (IJARSCT), Volume 10, Issue 2, October 2020, ISSN (Online) 2581-9429.		534.1020 20/IJARS CT			1
42	<b>R. Manju</b> , U. Sindhu Vaardini, "Investigation on Durability Properties of Self Compacting Concrete with Mineral Admixtures" (IJRTE), Volume-9 Issue-4, November 2020, ISSN: 2277-3878.		10.35940 /ijrte.D50 17.11942 0	1		
43	<b>Manju R</b> , Rashigasri K, Aishwaryalakshmi V, "Review on Durability Study of Construction Materials and Techniques of Nagarathar"( IJAST), Vol. 29, No. 7, (2020), pp. 8277-8281, ISSN: 2005-4238.			1		
44	Helen Jai Sneha Swathy J, <b>Manju R</b> , "Review on High Volume Replacement of Mineral Admixtures in Concrete"( IARJSET), Vol. 7, Issue 10, October 2020, ISSN (Online) 2393-8021.		10.17148 /IARJSET. 2020.710 13			1
45	<b>R. Manju</b> , O. R. Kavitha, and M. P. Meera. (2020). Comparative study on the mechanical properties of concrete containing 3D and 4D steel fibres. AIP Conference Proceedings, ISSN 00001984, 00002005, 00001983, Volume 2270, Issue 1.		10.1063/ 5.001997 5	1		
46	<b>Manju R.</b> , Anu Barkavi J., Helen Jai Snahe Swathy J. (2021) Experimental and Analytical Investigations of Flexural Behaviour of Self-compacting Concrete Rectangular Beams. Advances in Construction Materials and Structures.		10.1007/ 978-981- 15-9162- 4_9			1
47	P.Sasikumar and <b>R.Manju</b> , " Structural Performance of Fibre Reinforced Polymer on Concrete Structures: A Review" Pensee, Volume 51, Issue 3, 2021,ISSN: 0031-4773.					1
48	Priyanka N. and <b>Satheesh kumar K R P.</b> , Analysis of RC Shear Wall with Openings					

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49	Priyanka N. and <b>Satheesh kumar K R P.</b> , Study on Application of Basalt Fiber Reinforced Polymer in Structural Members, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 11, Issue 1, November 2020.					
50	Pradeepkumar K S., Selvan V., <b>Satheeshkumar K R P.</b> , Review of Numerical Methods for Sloshing, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8, Issue XI, Nov 2020, ISSN: 2321-9653.					
51	Nivedhitha A, <b>Satheeshkumar K R P.</b> , A Review of Vortex Bladeless Wind Turbine and Vorticity Effects, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8, Issue XI, Nov 2020.					
52	<b>Karthikeyan, G.</b> , Communication and Technology-A Review of Wood as Structural Member International Journal of Advanced Research in Science(IJARSCT), Volume 5, Issue 2, May 2021.					
53	Santhosh R. and <b>Karthikeyan G.</b> , A Review of Wood as Structural Member, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 5, Issue 2, May 2021.					
54	<b>Vishnu, A.</b> , Arulmurugan, P., Ponmalar, V., Performance of rc columns curbed using cold form steel (Cfs) consuming nano metakaolin as cementitious resources Revista Romana de Materiale/ Romanian Journal of Materials, 2021, 51(2), pp. 264–271.					



55	<b>Vishnu, A.</b> , Ponmalar, V., Consistency, flow, strength and durability (CFSD) assessment on concrete using superior cementitious constituents, Revista Romana de Materiale/ Romanian Journal of Materials, 2021, 51(1), pp. 43–52.					
56	K.C.Pazhani <b>P.A.Prabakaran</b> , “A Review Paper on Examination of Risk Assessment in Bridge Projects”. Journal International Journal of Advanced Science and Technology, Volume 29, Issue 7, 2020, 8291-8294.			1		
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58	E. Iniyar and <b>P. A Prabakaran</b> . “Design Calculation for A (G +10) Building (Encode Steel)”. International Journal of Advanced Research in Science, Communication and Technology (IJARST) Volume 11, Issue 1, 2021, 334 – 345.		<i>10.48175 /IJARST-2127 334</i>			1
59	Vikesh Kanna M., <b>Nandhakumar P.</b> , Study on Properties of Prefabricated Concrete Structures under Seismic Load, International Journal of Advanced Research in Science, Communication and Technology (IJARST), Volume 11, Issue 1, November 2020.		<i>584.1120 20/2581 105</i>			
60	Kugan K., <b>Nandha Kumar P.</b> , Premalatha J., Seismic Performance of Multistorey RC Frame Building With The Soft Storey and Masonry Infill , International Journal of Advanced Research in Science, Communication and Technology (IJARST), Volume 5, Issue 2, May 2021.		<i>10.48175 /IJARST-1307 650</i>			
61	J. Abdul Bari , <b>M.Jamuna</b> , “Assessment of Hydrogeochemisty and Evaluation of Groundwater Quality Feasibility Zones in Bhavani Taluk, Tamilnadu, India” ( IJAST), Vol. 29, No. 7, (2020), pp. 8323-8333, ISSN: 2005-4238.			1		

62	Sangeetha A, <b>Jamuna M</b> , "Prediction of Air Quality in Urban Area, Chennai"(IJERT), Vol. 9 Issue 05, May-2020, ISSN: 2278-0181.			1		
63	Sangeetha A, <b>Jamuna M</b> , "Source Apportionment of Volatile Organic Compounds in SIDCO Kurichi Area Using Positive Matrix Factorization"27-29 March 2020, Oxford,United Kingdom.					1
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66	Sudhakar R and <b>Rajalakshmi S</b> "Prediction of Rainfall Using Artificial Neural Network for Tamil Nadu", PENSEE International Journal, Vol 5 Issue 3, Pp: 280- 284.					1
67	Indiralaka S and <b>Rajalakshmi S</b> , "Drought Intensity Analysis Using Standard Precipitation Index for Coimbatore", PENSEE International Journal, Vol 5, Issue 3,pp: 969- 978.					1
68	R. Manju, <b>U. Sindhu Vaardini</b> , "Investigation on Durability Properties of Self Compacting Concrete with Mineral Admixtures" (IJRTE), Volume-9, Issue-4, November 2020, ISSN: 2277-3878.		10.35940 /ijrte.D50 17.11942 0	1		
69	Premkumar PS, K R Aranganayagam, G. Meena, R. Arulpriya, D. Nandhini, R. Kannan*, <b>M Selvambikai</b> "Structural, Optical and Thermal analysis of Zinc based Aerogel Composite Materials", accepted for publication, AIP Con.Proc, (2020).			1		