

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, COIMBATORE.

Department:

List of Publication – July 2020 to June 2021

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI/ SCIE/ WoS etc	Is it available in Scopus Author Search (Yes/ No)	Impact Factor	Online Link of the paper (by clicking this link, paper should opened in online)
1	Experimental investigation on concrete beams reinforced with basalt fiber reinforced polymer bars	K S Elango KPR Institute of Engg & Technology	R. Gopi Marri Laxman Reddy Institute of Technology and Management, Hyderabad C. Jayaguru PSNA College of Engineering and Technology, Dindigul D. Vivek KPR Institute of Engg & Technology R. Saravanakumar KPR Institute of Engg & Technology V. Rajeshkumar KPR Institute of Engg & Technology	Materials Today Proceedings- Elsevier Publication.	Available online 9 December 2020	Scopus	yes	1.24	https://doi.org/10.1016/j.matpr.2020.10.840
2	Properties of pervious concrete – A state of the art review	K S Elango KPR Institute of Engg & Technology	R. Gopi Marri Laxman Reddy Institute of Technology and Management, Hyderabad D. Vivek KPR Institute of	Materials Today Proceedings- Elsevier Publication.	Available online 9 December 2020	Scopus	Yes	1.24	Available online 9 December 2020 https://doi.org/10.1016/j.matpr.2020.10.839

			Engg & Technology R. Saravanakumar KPR Institute of Engg & Technology V. Rajeshkumar KPR Institute of Engg & Technology S. Venkatraman KPR Institute of Engg & Technology						
3	Experimental study on strength and durability properties of iron scrap with flyash based concrete	R.Dharmaraj KPR Institute of Engg & Technology	-	Materials Today Proceedings-Elsevier Publication.	Available online 23 July 2020.	Scopus	Yes	1.24	Available online 23 July 2020. https://doi.org/10.1016/j.matpr.2020.06.290
4	Sustainable Performance of Confined Concrete Beam in Cyclic Loading with GFRP Laminates using Ansys Modelling	B. S. Meenakshi KPR Institute of Engg & Technology	K. Suguna Annamalai University P.N. Rangunath Annamalai University	Journal of Green Engineering	Volume-10, Issue 11, November 2020	Scopus	Yes	1.577	http://www.jgenng.com/wp-content/uploads/2020/13/volume10-issue11-36.pdf
5	Analysis of factors influencing formwork material selection in construction buildings	V.Rajeshkumar KPR Institute of Engg & Technology	S. Anandaraj KPR Institute of Engg & Technology V. Kavinkumar KPR Institute of Engg & Technology K.S. Elango KPR Institute of Engg & Technology	Materials Today Proceedings-Elsevier Publication.	Volume 37, Part 2 , 2021, Pages 880-885	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.06.044
6	A comparative	P.Indhiradevi	P. Manikandan	Materials Today	Available online	Scopus	Yes	1.24	Available

	study on usage of cowdung ash and wood ash as partial replacement in flyash brick	KPR Institute of Engg & Technology	KPR Institute of Engg & Technology K. Rajkumar KPR Institute of Engg & Technology S. Logeshwaran KPR Institute of Engg & Technology	Proceedings-Elsevier Publication.	23 July 2020.				online 23 July 2020. https://doi.org/10.1016/j.matpr.2020.06.355
7	Influence of e-waste in bituminous mixes	G. Ramesh kumar Dr. N.G.P. Institute of Technology	Bharani S KPR Institute of Engg & Technology K. S. Santhosh Dr. N.G.P. Institute of Technology	Materials Today Proceedings-Elsevier Publication.	Available online 24 September 2020	Scopus	Yes	1.24	Available online 24 September 2020 https://doi.org/10.1016/j.matpr.2020.08.539
8	Development Of Sub-Grade Layer Using Scrap Tire And Stabilised Expansive Soil	V.Kavinkumar KPR Institute of Engg & Technology	S. Elavarasan KPR Institute of Engg & Technology S. Anandaraj KPR Institute of Engg & Technology R.Dharmaraj KPR Institute of Engg & Technology	Materials Today Proceedings-Elsevier Publication.	Available online 30 July 2020	Scopus	Yes	1.24	Available online 30 July 2020 https://doi.org/10.1016/j.matpr.2020.06.188
9	Manufacturing fired clay brick using fly ash and M- Sand	S Elavarasan KPR Institute of Engg & Technology	A.K.Priya KPR Institute of Engg & Technology V. Kavinkumar KPR Institute of Engg & Technology	Materials Today Proceedings-Elsevier Publication.	Available online 31 July 2020	Scopus	Yes	1.24	Available online 31 July 2020 https://doi.org/10.1016/j.matpr.2020.06.042
10	Comparison of theoretical and analytical investigation on axial compressive	S. Venkat Raman KPR Institute of Engg & Technology	K.S. Elango KPR Institute of Engg & Technology R. Saravanakumar KPR Institute of Engg & Technology	Materials Today Proceedings-Elsevier Publication.	Available online 19 November 2020	Scopus	Yes	1.24	Available online 19 November 2020 https://doi.org/10.1016/j.mat

	behaviour of concrete filled steel tubular columns		V. Rajeshkumar KPR Institute of Engg & Technology D. Vivek KPR Institute of Engg & Technology						pr.2020.10.28 4
11	Influence of non-biodegradable wastes on mechanical properties of concrete – A neural network approach	D Vivek KPR Institute of Engg & Technology	J. Sridhar GMR Institute of Technology, Rajam, Andhra Pradesh	IOP Conference series: Materials Science and Engineering	IOP Conference series: Materials Science and Engineering (1025) January 2021	Scopus	Yes		https://iopscience.iop.org/article/10.1088/1757-899X/1025/1/012007
12	Effect of confinement on concrete beams under cyclic loading with GFRP laminates	B. S. Meenakshi KPR Institute of Engg & Technology	K. Suguna Annamalai University P.N. Ragunath Annamalai University	Materials Today Proceedings-Elsevier Publication	Available online 16 February 2021	Scopus	Yes	1.24	Available online 16 February 2021 https://doi.org/10.1016/j.matpr.2020.11.831
13	A review on natural fiber reinforced hybrid composites: chemical treatments, manufacturing methods and potential applications	L. Prabhu KPR Institute of Engg & Technology	K S Elango KPR Institute of Engg & Technology V.Krishnaraj PSG College of Technology, Peelamedu, Coimbatore 641 004, Tamil Nadu, India	Materials Today Proceedings-Elsevier Publication	Available online 18 February 2021	Scopus	Yes	1.24	Available online 18 February 2021 https://doi.org/10.1016/j.matpr.2021.01.280
14	Experimental investigation on mechanical properties of	L. Prabhu KPR Institute of Engg & Technology	K S Elango KPR Institute of Engg & Technology V.Krishnaraj	Materials Today Proceedings-Elsevier Publication	Available online 3 March 2021	Scopus	Yes	1.24	Available online 3 March 2021 https://doi.org/

	flax/banana/industrial waste tea leaf fiber reinforced hybrid polymer composites		PSG College of Technology, Peelamedu, Coimbatore 641 004, Tamil Nadu, India						10.1016/j.matpr.2021.02.111
15	Geopolymer binder for pervious concrete	K S Elango KPR Institute of Engg & Technology	V.Revathi KSR Engineering college	GRADEVINAR	GRADEVINAR 73 (2021) 3, 1- 10	Scopus	Yes	0.55	GRADEVINAR 73 (2021) 3, 1- 10 https://doi.org/10.14256/JCE.2440.2018
16	Study on mechanical properties of fiber reinforced self-compacting concrete	M. Harihanandh Marri Laxman Reddy Institute of Technology and Management, Hyderabad	V.Rajeshkumar KPR Institute of Engg & Technology	Materials Today Proceedings- Elsevier Publication	Available online 13 February 2021	Scopus	Yes	1.24	Available online 13 February 2021 https://doi.org/10.1016/j.matpr.2020.12.214
17	Remazol Effluent Treatment in Batch and Packed Bed Column Using Biochar derived from Marine Seaweeds	R. Gokulan GMR Institute of Technology, Rajam, Andhra Pradesh	V.Rajeshkumar KPR Institute of Engg & Technology	Nature Environment and Pollution Technology	Nature Environment and Pollution Technology. p-ISSN: 0972-6268. Vol 19 pp. 1931 – 1936, 2020	Scopus	Yes	0.42	10.46488/NEPT.2020.v19i05.017
18	A Study on the Water Quality Assessment of Bhavani River in Tamil Nadu	S Ramakrishnan, Department of Civil Engineering, Sri Krishna College of Engineering and Technology,	G Anusha, K Kirupasankar, C Venkatesh and S Pradeep KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021,	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012068

		Coimbatore							
19	Turkey Berries Leaves Extract As Corrosion Inhibitor Embedded Steel In Concrete	R.Dharmaraj KPR Institute of Engg & Technology	S A Raga Samuyktha, K Thansiya, S Syed Manzoor, B Naveen Kumar KPR Institute of Engg & Technology S Maruvarasan GS Builders	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012073/meta	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012073/meta
20	Experimental Study On Properties Of Concrete Paver Blocks By Partially Replacing Cement With Granite Powder	G.Anusha KPR Institute of Engg & Technology	R Dharmaraj, S Anandaraj, S Yamini, KPR Institute of Engg & Technology P D Arumairaj ⁵ , Ramakrishnan ⁵ and M Saravanan Sri Krishna College of Engineering and Technology, Coimbatore	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012074	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012074
21	Analysis Of Seismic Performance Of Reinforced Concrete Framed Structure	R.Kavitha KPR Institute of Engg & Technology	M C Sundarraja Thiagarajar College of Engineering C Vinodhini , E Dinakaran , A Aswinkumar and A Jenifer Princy KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012077	Scopus	No (not updated)		May 2021, May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012077
22	Review Analysis On Factors Influencing The Design Of Bus Station	S.Logeswaran KPR Institute of Engg & Technology	P Indhiradevi, A Charumathy, A Anitha, Muthu Subramaniam and S Karthikeyan KPR Institute of	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012078	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012078

			Engg & Technology						012078
23	Design Of Bus Depot Terminal Element Consideration For Safe And Effective Design	V.Rajeshkumar KPR Institute of Engg & Technology	S. Logeswaran, R. Selvaraj, Abishek, Devi Dharshini, Aravinda and Dhivakar KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012079	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012079
24	Study On Properties Of Concrete Using Steel Fibers In M40 Grade Concrete	S.Dhivya KPR Institute of Engg & Technology	P Manikandan, J Devaraja, M Dhivyalakshmi, R Akashkumar and A R Ajithkumar KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012080	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012080
25	Axial Capacity Of Encased Composite Column Under Axial Loading	R.Saravanakumar KPR Institute of Engg & Technology	K S Elango, KPR Institute of Engg & Technology R Gopi Marri Laxman Reddy Institute of Technology and Management, Hyderabad C Kaleeswaran KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012013	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012013
26	Effect Of Fine Aggregate Replacement With Dolomite Powder On Gfrc Mechanical Properties	P. Manikandan KPR Institute of Engg & Technology	S Dhivya, S Poornima, M Mahesh Raj, C Prabhu and R Keerthivasan KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012083	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012083
27	Experimental Study On Pcc Beams Strengthened	S.Venkat Raman KPR Institute of Engg &	S Bala Murugan, S Javith Abdul Rahim, S Jaya Prakash and S Dinesh	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1

	With External Wrapping Of Basalt Fibre Reinforced Polymer (Bfrp)	Technology	Kumar KPR Institute of Engg & Technology		899X/1145/1/012085				757-899X/1145/1/012085
28	Review On Smart Traffic Management System	P.Indhiradevi KPR Institute of Engg & Technology	Saravanakumar, R Varsha, S Shahithya and S Naveen Prabhu KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012090	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012090
29	A Review on Structural Behaviour of Natural Fibre Reinforced Polymer Laminate	S Bharani KPR Institute of Engg & Technology	M N A Gulshataj, Sona College of Technology, salem P Gargi, S Ramya, Jegan KPR Institute of Engg & Technology and G Rameshkumar Dr.NGP Institute of Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012091	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012091
30	Fiber Reinforced Sustainable Geopolymer Earth brick	S Elavarasan KPR Institute of Engg & Technology	A K Priya, R Dhinagar, P Engels Pandi, K Gopika and Gokulasankaran KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012098	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012098
31	Review on potential antiviral and immunomodulatory properties of Piper Longum	S. Kanmani KPR Institute of Engg & Technology	Selva Kumar Subramanian, Amrita School of Engineering, Coimbatore Sushma Bhargav, Department of Biotechnology, St.Anthony's College	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012099	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012099

			(North Eastern hill University), Shillong, Meghalaya, India R Parameswari, R Praveena, R Ravikumar, Elangovan Yuvaraj KPR Institute of Engg & Technology and V Manoj Kumar MK Constructions						
32	AN EXPERIMENTAL INVESTIGATION OF MARBLE DUST IN LUFFA FIBRE REINFORCED CONCRETE	S. Anandaraj KPR Institute of Engg & Technology	N. Deepa, P. Manoj Kumar, G. Anusha, KPR Institute of Engg & Technology R. Gobinath, SR Engineering College, Warangal A.R. Krishnaraja, Kongu Engineering College M Harihanandh Marri Laxman Reddy Institute of Technology and Management, Hyderabad S. Sandeep Karthick Plumeria Contracting Services, Coimbatore	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012100	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012100
33	Experimental Investigations on Flexural Behaviour of Self Compacting Concrete Beam with Silica Fume	C. Rajendra Prasath PSNA College of Engineering and Technology, Dindigul	D. Vivek, K. S Elango and R. Dharmaraj KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012101	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012101
34	Construction	R Gopi	R Saravanakumar, K	IOP Conference	May 2021,	Scopus	No (not		May 2021,

	Emission Management using Wind Rose Plot and AERMOD Application	Marri Laxman Reddy Institute of Technology and Management, Hyderabad	S Elango, KPR Institute of Engg & Technology A Chandrasekar, PSNA College of Engineering and Technology, Dindigul K S Navaneethan Kongu Engineering College and N Gopal KPR Institute of Engg & Technology	Series: Materials Science and Engineering	https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012106		updated)		https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012106
35	Experimental Investigation of Microbial Precipitation of Concrete with Bacillus Halodurans	B. S. Meenakshi KPR Institute of Engg & Technology	S Kanmani, K Sakthivel, S Varun and R C Srithar KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012111	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012111
36	Review on Bond strength of Recycled Aggregates in concrete	Krishnaraja Ammapalayam Ramasamy Kongu Engineering College	Yuvarani Sadasivam, Vishnu Rajaram, Yogesh Nithiyananthan Kongu Engineering College S Anandaraj KPR Institute of Engg & Technology M Harihanandh Marri Laxman Reddy Institute of Technology and Management	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012108	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012108
37	Microbial Composting	G. Anusha KPR Institute of	K Maruthi Venkatesh,	IOP Conference Series: Materials	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012108	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012108

		Engg & Technology	KPR Institute of Engg & Technology M Aravind kingfisher beverages, Bangalore and S Ramakrishnan Sri Krishna College of Engineering and Technology	Science and Engineering	iop.org/article/10.1088/1757-899X/1145/1/012019				nce.iop.org/article/10.1088/1757-899X/1145/1/012019
38	Reduction in Hydraulic Conductivity and Organic Contaminants Through Biofilm Formation on Porous Media	S. Kanmani KPR Institute of Engg & Technology	B S Meenakshi, S K Ponnalagu, K Sakthivel, S Vasanth KPR Institute of Engg & Technology A Rajendran AR Fascinate Shelters Private Limited	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012002	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012002
39	Appraisal of Green Construction Material by Optimizing the Strength of Tannery Sludge Concrete	R. Dharmaraj KPR Institute of Engg & Technology	S Gopikumar, P Ebby Darnay, SCAD College of Engineering and Technology S Uma, National Institute of Technology, Tiruchirappalli S Sundararajan, SCAD College of Engineering and Technology U Muthuraman Francis Xavier Engineering college and S Maruvarasan GS Builders, Ulunthurpet	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012003	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012003
40	Evaluation of Axial Capacity	R. Saravanakumar	K S Elango, KPR Institute of	IOP Conference Series: Materials	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012003	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012003

	of Cold Formed Steel Section	KPR Institute of Engg & Technology	Engg & Technology R Gopi Marri Laxman Reddy Institute of Technology and Management and C Kaleeswaran KPR Institute of Engg & Technology	Science and Engineering	iop.org/article/10.1088/1757-899X/1145/1/012013				nce.iop.org/article/10.1088/1757-899X/1145/1/012013
41	Properties of Concrete Containing Waste Plastic Aggregate	K. S. Elango KPR Institute of Engg & Technology	M Harihanandh, Marri Laxman Reddy Institute of Technology and Management V Rajeshkumar, S Venkatraman, L Prabhu KPR Institute of Engg & Technology M Munusamy KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012020	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012020
42	An Exploratory Examination of Concrete from Ecological Impacts Using GFRP Laminates	B. S. Meenakshi KPR Institute of Engg & Technology	S Jayabharathi, S Kanmani, S Sakthivel, N Deepa, P Vinothini, S Elakkiya and R Saravanaraja KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012012	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012012
43	An Experimental Study on Partial Replacement of Fine Aggregate by Crusher Dust	S. Anandaraj KPR Institute of Engg & Technology	N Deepa, R Gobinath, SR Engineering College, Warangal A R Krishnaraja,	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012012	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012012

	and Coarse Aggregate by Tile Waste in Concrete		Kongu Engineering College M Harihanandh Marri Laxman Reddy Institute of Technology and Management G Gopinathan Swathi constructions		004				899X/1145/1/012004
44	A Comparative Study on Recycled Plastic Railway Sleeper with Concrete Sleeper	P. Indhiradevi KPR Institute of Engg & Technology	P Saravanakumar, P Manikandan, K Rajkumar, S Logeswaran KPR Institute of Engg & Technology S Arul pandian Shah Technical Consultant	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012006	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012006
45	Experimental Investigation of Organic Waste Ash in Concrete	V. Rajeshkumar KPR Institute of Engg & Technology	K S Elango, D Vivek, S Anandaraj, C Vinodhini KPR Institute of Engg & Technology P Kamalakannan L & T Construction	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012018	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012018
46	Investigation on Properties Of Concrete By Adding Meta Kaolin And Kenef Fibres	R. Kavitha KPR Institute of Engg & Technology	M C Sundarraja, Thiagarajar College of Engineering S Dhivya, N Chanthira, C Vinodhini and S Logeswaran KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012009	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012009
47	Bio Remediation Of Petroleum Contaminated	K. Maruthivenkatesh	G Anusha KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012009	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012009

	Landfill Dump Sites	KPR Institute of Engg & Technology	P D Arumairaj Alzum Geocivil integrated building services pvt limited	Engineering	1088/1757-899X/1145/1/012010				icle/10.1088/1757-899X/1145/1/012010
48	Mechanical properties of concrete as partial replacement of coarse aggregate by e-waste	S. Bharani KPR Institute of Engg & Technology	M N A Gulshantaj, Sona College of Technology G Rameshkumar Dr.NGP Institute of Technology V B Senthilnathan VBS India PVT Ltd.	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012005	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012005
49	Axial Compressive Behaviour of Concrete Filled Steel Tubular Column	D. Vivek KPR Institute of Engg & Technology	J Sridhar GMR Institute of Technology K S Elango, R Saravanakumar, V Rajesh Kumar, S Venkat Raman KPR Institute of Engg & Technology R Anbarasu Lotus Builders	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012017	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012017
50	A Study of Partial Replacement for Cement by Bagasse Ash And Coarse Aggregate	V. Kavinkumar KPR Institute of Engg & Technology	V Kavinkumar, A K Priya, R Saravanakumar and S Venkatraman KPR Institute of Engg & Technology	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012008	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012008
51	Controlling Natural Resources Depletion by Sustainable Earth Brick	S. Elavarasan KPR Institute of Engg & Technology	A K Priya, V Kavinkumar, S Venkat Raman KPR Institute of Engg & Technology S Gowri Shankar L&T Hydrocarban Engineering	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012007	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012007

52	Review of Nanomaterials in Construction	C. Vinodhini KPR Institute of Engg & Technology	V Rajeshkumar, S Anandraj, R Kavitha, S Logeshwaran KPR Institute of Engg & Technology C Kapildev Plan castle associates	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012016	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012016
53	Surface Water Pollution Study for Chinnandipalaya m Lake, Tirupur And Remedial Measure by Wastewater Treatment	P. Manikandan KPR Institute of Engg & Technology	K Rajkumar, P Indhiradevi, S Dhivya KPR Institute of Engg & Technology R Aravindraaj Aravind Associate	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012014	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012014
54	Assessing the Demand of Road Infrastructure Adjacent to Terminal Stations	S. Logeswaran KPR Institute of Engg & Technology	P Saravana Kumar, IRTT Erode R Kavitha, K Rajkumar, P Manikandan KPR Institute of Engg & Technology S Karthikeyan Kamalam constructions	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012011	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012011
55	Partial Replacement of Saccharum Officinarum Bagasse Ash with Cement in Normal Concrete	S. Dhivya KPR Institute of Engg & Technology	P Manikandan, R Kavitha KPR Institute of Engg & Technology K Krishnakumar Windsor Developers	IOP Conference Series: Materials Science and Engineering	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012001	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012001
56	Comparative Study on Axial	S. Venkataraman	S Elavarasan, K S Elango, R	IOP Conference Series: Materials	May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012001	Scopus	No (not updated)		May 2021, https://iopscience.iop.org/article/10.1088/1757-899X/1145/1/012001

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57	Biodecolorization of Remazol dyes using biochar derived from Ulva reticulata: isotherm, kinetics, desorption, and thermodynamic studies.	Priya, A. K KPR Institute of Engg & Technology	R. Gokulan A. Vijayakumar S. Praveen GMR Institute of Technology	DESALINATION AND WATER TREATMENT,	Volume 200, 286-295. 2020	WoS	Yes	1.15	https://www.dewater.com/DWT_abstracts/vol_200/200_2020_286.pdf
58	Adsorption of lead ion concentration from the aqueous solution using tobacco leaves	V.Yogeshwaran Sri Krishna College of Engineering and Technology	Priya, A. K KPR Institute of Engg & Technology	Materials Today: Proceedings.	Volume 37, Part 2 , 2021, Pages 489-496	Scopus	Yes	1.24	https://www.sciencedirect.com/science/article/pii/S2214785320340475
59	Agro Waste Sugarcane Bagasse as a Cementitious Material for Reactive Powder Concrete	Selvadurai Sebastin, National Engineering College	Priya, A. K Alagar Karthick Ravishankar Sathyamurthy KPR Institute of Engg & Technology Aritra Ghosh College of Engineering, Mathematics and Physical Sciences,	Clean Technologies, 2(4), 476-491.	7 December 2020, Volume 2,	WoS	yes	3.49	7 December 2020, Volume 2, Issue 4 https://www.mdpi.com/2571-8797/2/4/30

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60	The War using microbes: A sustainable approach for wastewater management.	Priya, A. K KPR Institute of Engg & Technology	RekhaPachaiappan Stella Maris College P. SenthilKumar Sri Sivasubramaniya Nadar College of Engineering A.A.Jalil Faculty of Engineering, Universiti Teknologi Malaysia Dai-Viet N.Vo Nguyen Tat Thanh University SaravananRajendran Facultad de Ingeniería, Universidad de Tarapacá	Environmental Pollution, p.116598.	Volume 275 , 15 April 2021, 116598	WoS		8.071	Volume 275 , 15 April 2021, 116598 https://www.sciencedirect.com/science/article/abs/pii/S0269749121001767
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68	Novel Approach to Handling Microfiber-Rich Dye Effluent for Sustainable Water Conservation	Dr.R Dharmaraj KPR Institute of Engg & Technology	Alagar Karthick KPR Institute of Engg & Technology G. K. Arunvivek Karpagam College of Engineering S. Gopikumar SCAD College of Engineering and Technology V. Mohanavel Bharath Institute of Higher Education and Research M. Ravichandran K. Ramakrishnan College of Engineering Murugesan Bharani Kombolcha Institute of Technology, Wollo University	Advances in Civil Engineering	July 2021	WoS	No (Not updated)	1.924	https://www.hindawi.com/journals/ace/2021/1323472/
69	Effective selection of formwork using computer application	Rajeshkumar, V KPR Institute of Engg & Technology	Vinoth S., Jayan S, KavimaniK., Praveen M. KPR Institute of Engg & Technology	AIP Conference Proceedings	2021, 2327, 020044, Jan 2021	Scopus	Yes	0.40	https://aip.scitation.org/doi/10.1063/5.0039722

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71	Experimental study on partial replacement of cement by metakaolin and GGBS	S.Elavarasan KPR Institute of Engg & Technology	A.K.PriyaN.AjaiS.AkashT.J.AnnieG.Bhuvana KPR Institute of Engg & Technology	Material Proceeding Today	October 2021	Scopus	Yes	1.24	https://www.sciencedirect.com/science/article/pii/S2214785320371327
72	Properties of light weight concrete – A state of the art review	K.S.Elango	J.Sanfeer, R.Saravanakumar, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore, India R.Gopi, Department of Civil Engineering, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, India A.Shalini, Department of Civil Engineering, Sona College of Technology, Salem, India L.Prabhu, Department of	Materials Today Proceedings- Elsevier Publication.	July 2021	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2021.02.571

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73	Strength and permeability studies on PPC binder pervious concrete using palm jaggery as a admixture	K.S.Elango	K.S.Elango D.Vivek G. KrishnaPrakash M.J.Paranidharan S.Pradeep M.Prabhukesavaraj	Materials Today Proceedings-Elsevier Publication	September 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.08.006
74	Strength and durability studies on Ficus Exasperata leaf ash concrete	K.S.Elango	<u>K.S.Elango</u> <u>P.R.Remya</u> <u>D.Viveka</u> <u>R.Gopi</u> <u>V.Rajeshkumara</u> <u>R.Saravanakumar</u>	Materials Today Proceedings-Elsevier Publication	July 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.06.195
75	Experimental study on pervious concrete using palm jaggery	K.S.Elango	K.S.Elango	International Journal for Innovative Research in Science & Technology	March 2020	WoS	NO (Not updated)	1.672	Volume 6 Issue - 10 ISSN (online): 2349-6010
76	Effect of Nano-Silica in high performance concrete	D.Vivek	<u>D.Vivek</u> <u>K.S.Elango</u> <u>R.Saravanakumar</u> <u>B.Mohamed Rafek</u> <u>P.Ragavendra</u> <u>S.Kaviarasan</u> <u>E.Raguram</u>	Materials Today Proceedings-Elsevier Publication.	23 July 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.06.431
77	Experimental Investigation on strengthening of reinforced concrete beams using GFRP Laminates	D.Vivek	G.Miruthun D.Vivek P.R.Remya K.S.Elango R.Saravanakumar S.Venkatraman	Materials Today Proceedings-Elsevier Publication.	28 September 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.08.544
78	Review of materials used in	V.Kavinkumar	<u>V.Kavin</u> <u>Kumar</u> <u>A.K.Priya</u>	Materials Today Proceedings-	10 December 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.mat

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79	Experimental study on compressed earth block using fly-ash stabilizer	S.Elavarasan	<u>S.Elavarasan</u> <u>A.K.Priya</u> <u>R.Raja Gurusamy</u> <u>J.Mohamed Riyas</u> <u>Naveeth</u> <u>S.Natesh</u>	Materials Today Proceedings-Elsevier Publication.	28 October 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.09.641
80	Experimental Study On Pcc Beams Strengthened With Basalt Fibre Reinforced Polymer (Bfrp)	S.Venkat Raman	S Venkat Raman, S Bala Murugan, S Javith Abdul Rahim, S Jaya Prakash and S Dinesh Kumar	Journal of Xidian University	2020	Scopus	Yes	0.42	VOLUME 14, ISSUE 6, 2020 942 https://doi.org/10.37896/jxu14.6/106 ISSN No:1001-2400
81	A feasibility study on cement with addition of Prosopis Juliflora ash as in concrete	R.Dharmaraj	<u>R.Dharmaraj</u> <u>B.SivaKumar</u>	Materials Today Proceedings-Elsevier Publication	21 July 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.06.374
82	Impact of industrial effluents on geotechnical properties of soil	V.Rajeshkumar	<u>S.Vinoth</u> <u>V.Rajeshkumar</u> <u>T.Sivabalan</u> <u>M.Surya</u> <u>M.Thamilkumaran</u> <u>S.Saiprakash</u>	Materials Today Proceedings-Elsevier Publication.	23 September 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.08.513
83	Repair of cracks by using a Geopolymer with ambient curing	B.S.Meenakshi	B. S. Meenakshi , K. Sanjai , V. Srikumar P.Balaji , R. Gobikrishna	GEDRAG & ORGANISATIE REVIEW	2020			0.11	ISSN:0921-5077 VOLUME 33 : ISSUE 02 - 2020
84	A study on cold formed steel compression member - a review	R.Saravanakumar	<u>C.Kaleeswaran</u> <u>R.Saravanakumar</u> <u>D.Vivek</u> <u>K.S.Elango</u> <u>R.Gopi</u> <u>D.Balaji</u>	Materials Today Proceedings-Elsevier Publication.	14 August 2020	Scopus	Yes	1.24	https://doi.org/10.1016/j.matpr.2020.07.364

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86	Water quality analysis and purification through nanomembrane	A K Priya	<u>A.KPriya</u> <u>S.VigneshKumar</u> <u>N.K.Virpanan</u> <u>V.Vivekananthan</u> <u>V.Vinothkumar</u>	Materials Today Proceedings-Elsevier Publication.	2021	Scopus	Yes	1.24	Materials Today: Proceedings 37 (2021): 1243-1247.
87	Anthropogenic impacts on the contamination in the coastal region: A review	A K Priya	Priya Ak, Samuel Antony, G.M. Santos Kumar, S. Sivamoorthi	Materials Today Proceedings-Elsevier Publication.	2021	Scopus	Yes	1.24	Materials Today: Proceedings 37 (2021): 1243-1247.