

R & D- CIVIL

FACULTY PUBLICATIONS

Aug 2021 – July 2022

Sl. No.	Name of the Faculty/Author	Title of the Paper	Co-authors	Title of the Journal	Volume	Issue	DOI of the journal	Citation Details
1	Dr. Rahul Patil	Suspension cable bridge using stadd pro	Rahul patil, Maruthi T, Namrata s naragundkar, shashank t, Basavachetana G	Google scholar	7	2	Aug 2022	-
2	Mr.Guruprashanth N	Artificial Recharge of Ground Water using Filter Bed System	Guruprashanth N, Basavachetan G, Maruthi D A, Muruli N, Naveen L T	Google scholar	7	2	Aug 2022	-
		Improvement of Clayey Soil using Rice Husk Ash and Coconut Shell	Guruprashanth N, Sharath R, Preethi H N, Subhash G, Yamuna U M	Google scholar	7	2	Aug 2022	-
3	Mr. Rohit Kumar B R	Experimental Study on Rain water Harvesting in JIT MBA Block	Rohit Kumar B R et.al.	IJERT	10	11	Aug 2022	-
		An Experimental Investigation on behaviour of concrete against treated sewage water using GGBS as a partial replacement of cement	Rohit Kumar B R et.al.	IJERT	10	11	Aug 2022	-
		Durability Study of Concrete using Waste Foundry Sand	Raghu G M, Vijay Kumara P C, Pavan Kumar A, Prema K H	IJERT	10	11	Aug 2022	-

4	Mr. Raghu G M	Self Compacting Concrete Using GGBS With Addition Of Steel Fibres On M30 Grade Of Concrete	Raghu G M, Roshan Shet, Yuvaraja G B, Sahas S, Prajwal D P	IJERT	10	11	Aug 2022	-
5	Mr. Bharath H M	Effect on Replacement of Stone Dust Filler with Waste Glass Powder and Wood Ash in Bituminous Mix	Bharath H M, Luqman Ali, Mohammed Moinuddin M, Mohammed Shoaib, Mohammed Shoaib M	IJERT	10	11	Aug 2022	-
6	Mr. Kiran Kumar M S	“Analysis of surface and ground water quality in Anaji village Davangere – Karnataka.	Kiran Kumar Manu Prasad C B , Praveen D R et.al	IJERT	10	11	Aug 2022	-
		“Stabalisation of Black cotton soil using Jute fiber”	Kiran Kumar Sanmathi R, Sharavi C et.al	IJERT	10	11	Aug 2022	-
7	Mr. Harisha K S	Stabalisation of Dumpyard soil using fly ash	Harisha K S Renuka P V, Pavan E et.al	IJERT	10	11	Aug 2022	-
		Expermental study of Mechanical behaviour of concrete by using coarse aggregate	Harisha K S Ayesha Farheen Kowser, Dharshan H H et.al	IJERT	10	11	Aug 2022	-

8	Mr. Ramesha M	Experimental Study on Partial Replacement of Cement with Coffee Husk Ash for Manufacturing Concrete Pavers	Vikas S, Preethi V, Preethi M, Sagar B M, Ramesha M	IJERT	10	11	Aug 2022	-
9	Mr. Basavachetana Gudugurmath	Experimental Investigation on Performance of Sisal Fiber Reinforced Concrete by Partially Replacing Cement by Micro-Silica	Basavachetana Gudugurmath, Pavan M, Pooja D, Preethu V G, Raghavendra T	Google scholar	10	11	Aug 2022	-
		Flexible Concrete for Structural Applications Using Polypropylene Fiber	Basavachetana Gudugurmath, Lohith Kumar H P, Bharath H M, Chaya K N, Manasa V L	Google scholar	10	11	Aug 2022	-
		Artificial Recharge of Ground Water using Filter Bed System	Basavachetan G, Maruthi D A, Muruli N, Guruprashanth N, Naveen L T	Google scholar	7	2	Aug 2022	-
		Suspension cable bridge using stadd pro	Basavachetana G, Maruthi T, Namrata s naragundkar, shashank t, Rahul patil	Google scholar	7	2	Aug 2022	-

10	Ms. Renuka R	Stabilization of Black Cotton Soil using Flyash, Eggshell and E-Waste	Renuka R, Keerthi Nayaka K B, Kruthika N V, Kusuma K C, Naveen Kumar D J	Google scholar	10	11	Aug 2022	-
		Feasibility of Dairy Wastewater Treatment by using Natural Coagulants	Renuka R, Prasad B C, Spurthi G K, Umesha S H, Vani R Malali	Google scholar	10	11	Aug 2022	-
		“Analysis of Braced Frame Multistoreyed Structure with Different Angles As Per Indian Standards by using E-Tabs”	Maruthi T, Ravigouda patil, surekha patil, Sujatha lingadalli, vinay kumar s	Google scholar	10	11	Aug 2022	-
		“Experimental Studies On Fiber Reinforced High Stregth M80-Grade Concrete”	Maruthi T, Ravi kumar C M , Pruthvi raj S R, Yajnod bhavi	Google scholar	10	11	Aug 2022	-
		Seismic Vibration Control of High Rise Building with Shear Wall using ETABS”	Maruthi T, Krishnamurthy K A, Pruthvi raj S R	Google scholar	10	11	Aug 2022	-

11	Mr. Maruthi T	“The Combined Potential usage of Fly Ash (FA) and Recycled Coarse Aggregates (RCA) in Highway Embankment Construction”	Maruthi T, Srinivas g d, pradeep g k, Yashwanth kumar h s, vinay r n	Google scholar	10	11	Aug 2022	-
		Suspension cable bridge using stadd pro	Maruthi T, Namrata s naragundkar, shashank t, Rahul patil, Basavachetana G	Google scholar	7	2	Aug 2022	-
12	Ms.Namrata S Naragundkar	“Dairy Waste Water Treatment by using Natural Coagulants”	Namrata s naragundkar, nagma n, padmavati v, mohan naik v, basanth kumar u	Google scholar	10	11	Aug 2022	-
		“Industrial Waste Water Tretment using Banana Stem Extract”	Namrata s naragundkar, kavya b k, manoj kumar k s, ganga m m, manoj kumar s k	Google scholar	10	11	Aug 2022	-
		“Response of Building for Different Braces using E-TABS”	Namrata s naragundkar, sushma, sinchana m b, shwetha k m, ranjitha p	Google scholar	10	11	Aug 2022	-
		Suspension cable bridge using stadd pro	Maruthi T, Namrata s naragundkar, shashank t, Rahul patil, Basavachetana G	Google scholar	7	2	Aug 2022	-

13	Ms. Arunima Martin	Grey Water Treatment by using Aloe Vera Plant	Arunima Martin, Anjinappa K T, G N Sampathkumara, Chaithra H A, Veena G T	Google scholar	10	11	Aug 2022	-
14	Mr. Mousheen H M	Glowing Concrete	Mousheen H M, Girish B S, Ramprasad H D, Shashank K, Thanmay Y B	Google scholar	10	11	Aug 2022	-
		Treatment of Soap Industry Wastewater using MBBR Technology	Mousheen H M, Shashidhar Poojar A M, Sakamma S, Prajwal A G, Sowjanya R	Google scholar	10	11	Aug 2022	-
		Stability Evaluation of Black Cotton Soil With Rubber Powder, Sodium Chloride and Calcium Chloride As Admixtures	Mousheen H M, Inchara B S, Abhishek R, Madhushree N, Mithun K N	Google scholar	10	11	Aug 2022	-
15	Mr. Shashi Kiran D C	GPS Based Road Traffic Management System	Shashikiran D C, Kaushik K Zingade, Arpitha R, C Amith Naik, Hemanth T S	Google scholar	10	11	Aug 2022	-
		Land Use and Land Cover Analysis using Supervised Classification	Shashikiran Dc, Syed Ayub, Syed Sufiyan, Syed Nafeesulla, Ummer Ahamed	Google scholar	10	11	Aug 2022	-

Aug 2020 – July 2021

Sl. No.	Name of the Faculty/Author	Title of the Paper	Co-authors	Title of the Journal	Volume	Issue	DOI of the journal	Citation Details
1	Dr. Rahul Patil	Response of Residential Building under Seismic Loads by Considering Different Zones in India	Rahul Patil	IJST	6	3		
2	Mr.Guruprashanth N	Assessment of Heavy Metals in Ground Water Samples of Certain Location Situated around Duggavathi Village	Shwetha K C	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	10	3	March 2021	
		A review on Organic Adsorbents for the Removal of Toxic Metals from Waste Water	Ramakrishna Hegde, B Suresh	Asian Journal of Advanced Research and Reports (AJARR)	15	3	June 2021	
3	Mr. Kiran Kumar M S	“Performance Evaluation of BC Soil using Alcofine as an Additive	Kiran Kumar M S, Harish KS, Ramesh, Raghavendra Naik	IJRASET	9	2	Feb 2021	
4	Mr.Rohit Kumar B R	Response of Residential Building under Seismic loads by Considering Different Zones in India”	Dr. Rahul Patil, Maruthi T, Nagaraj M B, Prakash K T	MAT Journal (e-ISSN 2581- 950X)	6	3	2021	

5	Mr. Harisha K S	Performance Evaluation of BC soil using Alco fine as an Additive	Kiran Kumar M S	IJRASET	9	2	February 2021	
6	Mr. Ramesha M	“Performance Evaluation of BC soil using Alco fine as an Additive”, IJRASET, Volume 9, Issue 2, February 2021	Kiran Kumar M S	International Journal for Research in Applied Science and Engineering Technology	9,	2	February 2021	
7	Smt. Chethan M V	Liquefaction resistance of sand by varying the silt content using horizontal shake table test	Dr. P G Rakareddi	International journal of innovative science and technology	6	3	2021	
		“Response of Residential Building under Seismic loads by considering different zones in India”	Ms.Namrata S Naragundkar	MAT	6	3	2021	-
		“Influence Of Foundry Sand C and D Waste In Fibre Reinforced Concrete”	Ms.Namrata S Naragundkar, Pruthviraj S R	MAT	6	3	2021	-
8	Mr. Maruthi T	"Strength Properties of Concrete by Partial Replacement of Course Aggregate with C & D Waste and Fine Aggregate with Foundry Sand for M25 Grade Concrete"	Revanna E, Ravi Kumar C M, Pruthviraj S R	IJRSE	1	6	SEP 2020	-

		“Mix Design of M-30 Grade Concrete for Rural Roads as per IRC44-2017”.	Yagnodbhavi H. M, Pruthvi Raj SR	MAT	5	1	2020	-
		“Performance of Building using Fluid Viscous Dampers and Shear Wall”	Dr. Eramma	IRJET	7	7	July 2020	-
9	Ms.Namrata S Naragundkar	“Response of Residential Building under Seismic loads by considering different zones in India”	Maruthi T	MAT	6	3	2021	-
		“Influence of Foundry Sand C and D Waste In Fibre Reinforced Concrete”	Maruthi T	MAT	6	3	2021	-

Aug 2019 – July 2020								
Sl. No.	Name of the Faculty/Author	Title of the Paper	Co-authors	Title of the Journal	Volume	Issue	DOI of the journal	Citation Details
1	Dr. Rahul Patil	“Improvement of Load Bearing Capacity of Black Cotton Soil by Using Stone Column and Geosynthesis”,	Mr.Darshan K R	IJTICES	Volume 6,	Issue 10,	October 2020	-
2	Mr. RAGHU G M	“Hydraulic design of Pico hydro-power system from sewage water at S S layout, Davanagere, Karnataka	Smt..Renuka R	IJESC,	9	Issue 3,	2019	-
3	Chethan M V	Artificial islands	Renuka R, Rekha AM, Soumyashree R	IJESC	9	3	2019	-

4	Smt.Renuka R	“Hydraulic design of Pico hydro-power system from sewage water at S S layout, Davanagere, Karnataka	-	IJESC,	9	Issue 3,	2019	-
		Artificial islands	Chethana M V, Rekha AM, Soumyashree R	International journal of engineering science and computing (IJESC)	9	3	2019	-
	Mr. Maruthi T	“Usage of Poly-Propylene Fiber to enhance the Compressive Strength of Conventional and Partially Replaced Fly Ash Concrete”	Pruthviraj S R, Raghavendra S, Ravi Kumar C M	MAT	6	3	2020	-
		“Analysis of Interlaced Irregular Building Using E- Tabs”	Chaitra T S, Madhukaran, Dr H Eramma	MAT	5	2	2020	-
		“Stability Analysis of Rubber Bituminous Mix”.	Pruthvi Raj SR, Raghavendra S	MAT	5	1	2020	-
5	Mr. Maruthi T	“Effective Replacement of Bottom Ash as Fine aggregate for M30 Grade as per IRC Specifications”	Pruthvi Raj S R	MAT	5	3	2020	-

		Analysis and Design of Commercial Building Using ETABS”	Pruthvi Raj S R, Pramod Yadav E, Raghavendra S, Krishnamurthy K A	IJESRT	8	12	DEC 2019	-
		Performance Tests on Waste Crumb Rubber and Bitumen Used in Bitumen Mix for the Application of Flexible Pavement”,	Pruthvi Raj SR, Raghavendra S	IRJET	6	12	DEC 2019	-
		“Case Study on Preparation and Constructional Procedure of Reinforced Earthen Wall”	Ravi Kumar C M, Pruthvi Raj S R	MAT	5	2	2020	-
		Priority Assessment of Fine Aggregates for Satisfying Compressive Strength as Per IRC 44-2017 Guidelines	Pruthviraj S R, Raghavendra S and Revanna E	IRJMETS	2	9	2020	-
6	Ms. Soumya Patil	“COD And Colour Removal From Distillery Spent Wash Using Metal Oxide Electrode In Electrocoagulation Process”	Dr. Lokeshappa B	IRJET	7	7	July 2020	-

Aug 2018 – July 2019

Sl. No.	Name of the Faculty/Author	Title of the Paper	Co-authors	Title of the Journal	Volume	Issue	DOI of the journal	Citation Details
1	Dr. Rahul Patil	“Assessment of Ground water Suitability for Domestic And Irrigational Purposes: A Case Study Of Duggavathi And Karala Halla Sub-Basins Of Tungabhadra River, Davanagere District, Karnataka”	-	IJRAR	5	4	November 2018	-
		“Subsoil Drainage in Roads and Pavements”	-	IJSRD	6	5,	November 2018	-
		“Landslides and its Effects in Kodagu”,	-	IJSRD	6	5,	November 2018	-
		“Black spot Analysis in Davangere City”	-	IJSRD	6	5,	July 2018	-
		“Morphometric Characterization of Duggavathi Halla and Karala Halla Sub-basins of Tungabhadra River, Karnataka, India”,	-	IJEE	6	5,	July 2018	-
2	Mr.Guruprashant h N	Utilization of Asbestos for Removal of Dyes from Isotherms	Pawananjaya R Malladi, Lohitha S J, Shruthi N P	International Research Journal of Engineering & Technology (IRJET)	5	18	August 2018	-

		Pedestrian Walkability Index	Bharath H M, Rohit Kumar B R, Raghu G M, Vinayaka N M	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY (IJARIIT)	4	Issue 5	September- October 2018	-
3	Mr.Kiran Kumar M S	“Experimentalstudy replacement of Coarse aggregate by palm kernal shells Concrete”	Manohar K, Arjun	IJCSE	6	Issue. 2	SEP 2018	-
		“Experimentalstudy Bottom ash in Cement Concrete”	Vinay R B, Harish KS, Ramesh	IJRET	5	Issue 5	July 2018	-
4	Mr.Raghu G M	“Pedestrian Walkability Index”	Mr.Rohit Kumar B R, Mr.Bharath H M, Mr.Guruprashan th N	IJARIIT,	4	Issue 5	September 2018	-
5	Mr. Bharath H M	PEDESTRIAN WALKABILITY INDEX	RAGHU G M, ROHIT KUMAR BR, GURUPRASHAN T N	IJARIIT	4	5	SEP-OCT 2018	-
6	Mr. Harisha K S	Experimental study on partial replacement of fine aggregates by Bottom ash in cement Concrete	Kiran Kumar M S	IJRET	5	5	July 2018	-
7	Basavachetana G	Utilization of Black cotton soil manufacturing of Bricks	Devaraj G C	IJRET	7	4	June 2019	-

		"Partial replacement of fine aggregate by laterite soil	SOWMYASHREE T, CHETANA M V	Journal For Research(J4R)	4	6	August 2018	-
8	Smt.Renuka R	"Experimental study of laterite soil using coconut shell ash", JSRD	SOWMYASHREE T	INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH AND DEVELOPMENT(IJSRD)	6	5	July 2018	-
		Temperature distribution in a cement concrete slab using thermocouples and an experimental study on replacement of fine aggregate by manufactured sand.		INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH AND DEVELOPMENT(IJSRD)	6	4	2018	-
		"Analysis and design of junction tower" IJSRD, Volume 6, Issue 2, April 2018"		INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH AND DEVELOPMENT(IJSRD)	6	2	April 2018	-
		"Analysis of temperature distribution across the thickness of slab using Thermocouples" (IJSRD) Volume 6, Issue 1, March 2018"		INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH AND DEVELOPMENT(IJSRD)	6	1	March 2018	-
		Strength Comparison of Conventional Paver Block by Partial Replacement of Fly Ash and Bottom Ash	Dr H Eramma, Rashma Shetty	MAT	4	3	2018	-
9	Mr. Maruthi T							