



BVV Sangha's
Basaveshwar Engineering College, Bagalkote
Department of Civil Engineering
Publication Summary

Academic Year	Web of Science, Scopus, UGC, etc.	Book Chapter (Ranked)	Conference Proceedings	Other Journals	Total Publications
2021-22	1	3	-	8	12
2022-23	5	-	-	10	15
2023-24	2	1	-	4	7
2024-25	4	1	15	-	20



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List of Publications
Academic Year 2024 - 25

Sl. No.	Title of Paper	Name of Author	Journal/Conference Name	Vol. No.	Page No.	ISSN/ISBN No	National /International	Year of Publish	Indexing (Web of Science, Scopus, UGC, etc.
1	Effect of Magnetized Water on Partially Replaced Aggregate with Silica Sand in Concrete	Dr. S M Malkapur	The Open Civil Engineering Journal	18	-	DOI: 10.2174/011874 1495314923240 430053430	International	Jul-24	Scopus (Q4)
2	Application of Electrical Resistivity Method for Assessment of Groundwater Potential in Semi-Arid region with Basalt Landform	Gururaj Bandihal & Dr. Veena Soraganvi	MSW Management Journal	34	626-643	ISSN:1053-7899	Multidisciplinary, Scientific work & Management Journal	Jul-Dec-2024	Scopus (Q4)
3	Effect of Artificial recharge structure on Unconfined aquifer in basalt land form: A case study	Gururaj Bandihal & Dr. Veena Soraganvi	Corrosion Management	34	121-123	ISSN:1355-5243	Corrosion Management	Jul-Dec-2024	Scopus (Q4)
4	Fermentation Technology and Food Enzymes	M. Yallappa, Dr. G. B Megeri, Basavaraj S. Hungund, Jayachandra S. Yaradoddi	Book chapter, Frontiers in Food Biotechnology	-	-	https://doi.org/10.1007/978-981-97-3261-6_13	International	Aug-24	Springer (Q2)
5	Sustainable Wastewater Management with Native Plant Reed Beds	Roopa, Dr. G.B. Megeri and Dr. Jayalatha N A	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	91-101	ISSN: 2582-8118	International	Sep-24	-

6	Wastewater Treatment and Sustainable Bio-Energy Generation Using MFC	Shainaj L Naykodi, Dr. Jayalatha N A and Dr. G.B. Megeri	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	-	ISSN: 2582-8118	International	Sep-24	-
7	Development of Bio Derived antimicrobial, nanocomposites for Packaging	Sana Iddalagi, Kalpana Lamani, Jayachandra S. Yaradoddi, Chetan D.M, Dr. G.B. Megeri	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	126-133	ISSN: 2582-8118	International	Sep-24	-
8	Sustainable Waste Management Solutions for Bhagavati Village, Bagalkote	Dr. Veena S Soraganvi, Dr. Jayalatha N A, Omprakash Gurudev Holi, Veereshgouda Halemani, Swaroopa, Veena Biradar	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	102-112	ISSN: 2582-8118	International	Sep-24	-
9	Removal of Heavy Metals from Wastewater by Bioremediation Method using Microalgae	B. R. Hiremath, Gurushant J., Arundhati S., Kaveri R., Amruta G, Madhumala Y	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	134-142	ISSN: 2582-8118	International	Sep-24	-
10	NDWI Analysis for Monitoring Water Resources of Bagalkote City Planning Using Remote Sensing and GIS	Dr. Veena S Soraganvi, Manju Kumar P.	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	143-154	ISSN: 2582-8118	International	Sep-24	-
11	Studies on Energy Efficient Design of Building for Warm and Humid Climate Zone in India	Vikram Meti, Santhosh M. Malkapur, Sudarshan Devraj Shetty	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	155-167	ISSN: 2582-8118	International	Sep-24	-
12	Mapping Potential Evapotranspiration using Optimal Empirical Techniques	Shashank C. Bangi and Dr. Veena S Soraganvi	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	166-184	ISSN: 2582-8118	International	Sep-24	-

13	Influence of Quarry Dust and Demolished Soil on Strength Properties Including Compressive Stress Strain Behavior of Rammed Earth	Mahantesh M. Hanamasagar, Aravind M. Pattanashetti	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	39-56	ISSN: 2582-8118	International	Sep-24	-
14	A Study on Geotechnical and Agricultural Properties of Sediment Deposited in TB Dam	Srinidhi Patwari, Mounesh, Ravichandra H, Dr. Adarsh S. Chatra	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	02-Jul	155-167	ISSN: 2582-8118	International	Sep-24	-
15	Application of Trenchless Technology in Urban Areas	Gouri Ajay Mhetar, Avinash Angadi, Dr. Adarsh S. Chatra, Sakshi Kore, Master Yash Arora	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	Aug-21	ISSN: 2582-8118	International	Sep-24	-
16	Delineation of Ground Water Recharge Zones in Hirehalla Sub Watershed Using Geographical Information Systems	Gururaj Bandihal, Veena S. Soraganvi	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	31-38	ISSN: 2582-8118	International	Sep-24	-
17	Parametric Assessment of Soil Nailing on Deep Excavation	Roopa Kamadinni, Dr. P. G. Rakaraddi	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	57-65	ISSN: 2582-8118	International	Sep-24	-
18	Performance Analysis of Ultra-High Performance Concrete using Locally available materials	Nagaraj Chawadapur, Shree Vijay Chickkadesai, Reshma M Nadaf and Shankar H Sanni	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	66-75	ISSN: 2582-8118	International	Sep-24	-
19	Effect of Rainfall Variation on Ground Water Table Fluctuation in Semi-Arid Region with Basalt Landform	Gururaj Bandihal and Veena S Soraganvi	Gradiva Rview Journal	1	118-120	ISSN: 0363-8057	International	2025	-
20	Bio Prospecting of Novel Moderate Halophilic Bacterium Marinobacter sp.JS17 Recovered from the West Coast of Karnataka, India	Jayachandra S. Yaradoddi, H. Shoba, Bharati.S.Meti, P.Sharada & G.B. Megeri	Journal of Natural Remedies	-	-	DOI:10.18311/jnr/2024/44437	International	Nov 2024	Scopus (Q4)



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2	Shear Properties of Engineered Cementitious Composites using Polyvinyl Alcohol Fiber	Dr. Shankar H. Sanni, Vijayakumar Javalagaddi and Pradeep Reddy	i-manager's Journal on Structural Engineering	2	8-15	DOI : https://doi.org/10.26634/jste.12.2.20128	National	July – Sept 2023	-
3	Experimental Investigations on Bond Performance of GFRP Bars	Dr. Shankar H. Sanni, Umashankar Yaligar and Arun Koti	i-manager's Journal on Civil Engineering	2	36-45	https://doi.org/10.26634/jce.13.3.20117	National	July - Sept 2023	-
4	Mechanical Properties of Engineered Cementitious Composite Using Polyvinyl Alcohol Fibers	Dr. S.H. Sanni	I-Manager's, Journal of Civil Engineering	13	21-28	Issue No-3	International	July-Sept. 2023	-
5	Estimation of spatial surface energy fluxes and actual evapotranspiration over Ghataprabha river basin using remote sensing data	Dr. Veena S S and Shashank Bhangi	Book Chapter, E3S Web of Conferences	455	-	https://doi.org/10.1051/e3sconf/202345503008	International	Dec 2023	Scopus (Q4)
6	Enhancing Building Energy Efficiency and Reduction Carbon Emissions Through Sustainable Cement Block Admixtures	Dr. S M Malkapur	Advances in Building Energy Research	-	-	https://doi.org/10.1080/17512549.2024.2357125	International	Jun 2024	Taylor & Francis (Q2)

7	Reliability analysis of hill slopes under different rainfall patterns	Dr. A.S. Chatra	Indian Journal of Civil Engineering	18	-	No.3	International	May 2024	Scopus Q3)
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2	Studies on Energy Efficient Design of Building for Warm and Humid Climate Zones in India	SM Malkapur, SD Shetty, KS Kulkarni, A Gaji	Recent trends in Construction Technology and Management, Lecture Notes in Civil Engineering	260	327-348	https://doi.org/ 10.1007/978-981-19-2145-2_26	International	Sept 2022	Springer (Q4)	2
3	A Parametric Study on the Behavior of RC and FRC Deep Beams with and Without CFRP Strengthening Using Ansy	G. S. Hiremath, Arshiya Naaz Yendigeri	i-manager's Journal on Structural Engineering	11	15-22	https://doi.org/ 10.26634/jste.11.2.18965	International	August 2022	-	-
4	Analysis of A Ribbed Slab Without Reinforcement Using ANSYS	Prof. G. S. Hiremath, Gururaj Holeyappanavar; Chavan, Akash	i-manager's Journal on Structural Engineering	11	31-40	DOI:10.26634/jste.11.2.18966	International	August 2022	-	-

5	The Effect of Partial Replacement of Cement by Waste Green Glass Powder With Waste Plastic as Coarse Aggregate	G. S. Hiremath, Shankar H Sanni, Kambali, Shashikanth A; Chavan, Akash A	i-manager's Journal on Structural Engineering	11	44567	DOI:10.26634/jste.11.2.18834	International	August 2022	-	-
6	An investigation on the effect of partial replacement of coarse aggregates by pre-treated plastic on concrete	G. S. Hiremath, Bevinagidad, Rahul Chavan, Akash	i-manager's Journal on Structural Engineering	11	23-30	DOI:10.26634/jste.11.2.18969	International	August 2022	-	-
7	Experimental Investigation for treating Ibuprofen and Triclosan by Microbial Biosurfactant from Domestic Wastewater	Dr. Jayalatha N. A	Journal of Environmental Management	328	-	116913, https://doi.org/10.1016/j.jenvman.2022.116913	International	Feb 2023	Elsevier, (Q1)	13
8	Effect of Fine Content on Liquefaction Resistance of Sand	Nishigandha Rathod & Seema Shringeri	IGC 2021	-	283-291	https://doi.org/10.1007/978-981-19-6998-0_25	International	January	Springer	-
9	Impact of Coir Fibre on the Liquefaction Potential of River Sand Using Cyclic Triaxial Test	Bhagyashree Akkalakot & Seema Shringeri	International Journal of system design and information Processing (SDIP)	11	18-23	http://isdip.org/ ISSN: (Print): 2319-9288	International	March	-	-
10	Photocatalytic Degradation of Polyvinyl Chloride Plastic Film by Codoping Graphene Oxide and Titanium Dioxide	Dr. B.R Hiremath and Akshay Muttinamath	i-managers Journal on Civil Engineering	12	1-4	-	International	June-Aug 2022	-	-
11	Leachate Treatment Using Upflow Reactor with Low Cost Waste Adsorbent Materials	Dr. G.B Megeri and Jyoti Dodamani	International Journal of Research in Engineering and Science	10	477-482	ISSN: 2320-9356	International	Sept 2022	-	-
12	Comparison of Electrocoagulation and Chemical Coagulation for Municipal Wastewater treatment	Dr. G. Megeri and Susmita Kalaguod	International Journal of Creative Research Thoughts	10		ISSN: 2320-2882	International	Sept 2022	-	-
13	Moving Bed Sequential batch Reactor using Municipal Wastewater	Dr. G. Megeri and Bheema M Bhajantri	International Journal of Avances in Engineering and Managemnet	4	1216-1223	ISSN: 2395-5252	International	Sept 2022	-	-

14	Assessing the Potential of Biosurfactant Production by <i>Bacillus subtilis</i> MTCC2423 to Remediate the Zinc-Contaminated Soil: A Process Optimization Approach	N. A. Jayalatha, Ashish Prabhu, Veena Kumara Adi	Arabian Journal for Science and Engineering	49	43-57	https://doi.org/10.1007/s13369-023-07938-y	International	June 2023	Springer (Q1)	1
15	A Modified Temperature Based Model for Estimation of Potential Evapotranspiration over Ghataprabha River Basin, South India	Dr. Veena S S and Shashank Bhangi	Spatial Information Research	-	-	https://doi.org/10.1007/s41324-023-00517-1	International	March 2023	Springer (Q2)	-



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1	Shear Behaviour of High Strength Self -Compacting Concrete with Lower Transverse Reinforcement Index	AA Zende, RB Khadiranaikar, AIA Momin	Journal of Applied Science and Engineering	25	649-657	http://dx.doi.org/10.6180/jase.202208_25(4).0010	International	Oct 2021	Scopus (Q2)	1
2	Experimental Study on Ground Granulated Blast Furnace Slag (GGBS) Based Polymer Concrete Using Polyethylene Terephthalate (PET) fibers as Fine Aggregate	Dr. M. M. Hanamasagar and Bhimappa Rathod	International Journal of Engineering Research & Technology	10	582-587	-	International	July 2021	-	-
3	Experimental Studies on Sugar Cane Bagasse Ash (SCBA) as a Partial Replacement of Cement in Concrete	Dr. M. M. Hanamasagar, Vijayanand	International Research Journal of Engineering and Technology	8	3514-3524		International	Aug 2021	-	-
4	Experimental Investigation on the Behaviour of Longitudinally GFRP Reinforced Column Subjected to Eccentric Loading	Prof. G. S. Hiremath and Vishal R. Jigajinni	<i>i-manager's Journal on Structural Engineering</i>	10	16-23	https://doi.org/10.26634/jste.10.2.18392	International	Aug 2021	-	-

5	An Experimental Study on Fly Ash Slope	Prajwala S. Chachad, P. V. Patil	Journal of Advances in Geotechnical Engineering	4	1 - 8	http://doi.org/10.5281/zenodo.5111504	Nationa	July 2021	-	-
6	Seismic Analysis of Multi Sotrey Building on Sloping Ground with Ground, Middle and Top Storey	Ratnakala S Bidreddy and Dr. S. H. Sanni	Book chapter, Sustainability Trends and Challenges in Civil Engineering	162	149-165	-	International	2022	Springer (Q4)	1
7	Slope Stability Using Shaking Table	Seema Shringeri and P. G. Rakaraddi	Recent Developments in Sustainable Infrastructure, Lecture Notes in Civil Engineering	207	495-511	https://doi.org/10.1007/978-981-16-7509-6_38	International	April 2022	Springer (Q4)	-
8	Experimental Study on Alakli-Activated Concrete Using Waste Iron Chips as Partial Replacement to Fine Aggregates	Divakar L, Santhosh M Malkapur and Manoj Kumar	Asia-Pacific Journal of Science and Technology	28	-	-	International	Feb 2022	-	-
9	Effect of Corner Modifications on Wind-Induced Responses of Tall Buildings	Dr. S.H Sanni, Prabhu G Sheelavantar	i-managers Journal of Structural Engineering	10		-	International	Dec 2021	-	-
10	Comparative Analysis of Seismic Response of Buildings with Different Base Isolation Systems	Dr. S.H Sanni, Vilas Kulkarni	i-managers Journal of Structural Engineering	10	-	-	International	Dec 2021	-	1
11	Analytical modeling and experimental validation of balanced reinforced geopolymer concrete beams	Dr. S. H. Sanni	<i>i-manager's Journal on Structural Engineering</i>	12	10-23	DOI:10.26634/jce.12.1.18531	International	Dec 2021	-	-
12	Behavior of Fully and Partially Encased Stone Column in Black Cotton Soil	P. V. Patil and Mahantesh Neelawani	Book chapter, Recent Advances in Civil Engineering (CTCS 2021)	256	-	-	International	June 2022	Springer (Q4)	-



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4	Wastewater Treatment and Sustainable Bio- Energy Generation Using MFC	Shainaj L Naykodi, Dr. Jayalatha N A and Dr. G.B. Megeri	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	-	ISSN: 2582-8118	International	Sep-24	-

5	Sustainable Waste Management Solutions for Bhagavati Village, Bagalkote	Dr. Veena S Soraganvi, Dr. Jayalatha N A, Omprakash Gurudev Holi, Veereshgouda Halemani, Swaroopa, Veena Biradar	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	102-112	ISSN: 2582-8118	International	Sep-24	-
6	Removal of Heavy Metals from Wastewater by Bioremediation Method using Microalgae	B. R. Hiremath, Gurushant J, Arundhati S., Kaveri R., Amruta G, Madhumala Y	Proceedings in International Conference on Sustainable Solutions in Engineering and Technology	4	134-142	ISSN: 2582-8118	International	Sep-24	-
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Sl. No.	Title of Paper	Name of Author	Journal/Conference Name	Vol. No.	Page No.	ISSN/ISBN No	National /International	Month & Year	Indexing (Web of Science, Scopus, UGC, etc.	Citation
1	Shear Behaviour of High Strength Self -Compacting Concrete with Lower Transverse Reinforcement Index	AA Zende, RB Khadiranaikar, AIA Momin	Journal of Applied Science and Engineering	25	649-657	http://dx.doi.org/10.6180/jase.202208_25(4).0010	International	Oct 2021	Scopus (Q2)	1
2	Experimental Study on Ground Granulated Blast Furnace Slag (GGBS) Based Polymer Concrete Using Polyethylene Terephthalate (PET) fibers as Fine Aggregate	Dr. M. M. Hanamasagar and Bhimappa Rathod	International Journal of Engineering Research & Technology	10	582-587	-	International	July 2021	-	-
3	Experimental Studies on Sugar Cane Bagasse Ash (SCBA) as a Partial Replacement of Cement in Concrete	Dr. M. M. Hanamasagar, Vijayanand	International Research Journal of Engineering and Technology	8	3514-3524		International	Aug 2021	-	-
4	Experimental Investigation on the Behaviour of Longitudinally GFRP Reinforced Column Subjected to Eccentric Loading	Prof. G. S. Hiremath and Vishal R. Jigajinni	<i>i-manager's Journal on Structural Engineering</i>	10	16-23	https://doi.org/10.26634/jste.10.2.18392	International	Aug 2021	-	-

5	An Experimental Study on Fly Ash Slope	Prajwala S. Chachad, P. V. Patil	Journal of Advances in Geotechnical Engineering	4	1 - 8	http://doi.org/10.5281/zenodo.5111504	National	July 2021	-	-
6	Effect of Corner Modifications on Wind-Induced Responses of Tall Buildings	Dr. S.H Sanni, Prabhu G Sheelavantar	i-managers Journal of Structural Engineering	10		-	International	Dec 2021	-	-
7	Comparative Analysis of Seismic Response of Buildings with Different Base Isolation Systems	Dr. S.H Sanni, Vilas Kulkarni	i-managers Journal of Structural Engineering	10	-	-	International	Dec 2021	-	1
8	Behavior of Fully and Partially Encased Stone Column in Black Cotton Soil	P. V. Patil and Mahantesh Neelawani	Book chapter, Recent Advances in Civil Engineering (CTCS 2021)	256	-	-	International	June 2022	Springer (Q4)	-