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Publication Details

Journal Publication 2023

1. S.R. Shashikumara , N. Pramukh , R. Abhishek , V.K. Nagaraj, “Experimental study on the influence of polypropylene and steel fiber on flexural behaviours of high strength concrete beams”, Materialstoday Proceedings, Vol. 88, Part 1, 2022-23.
2. Mr. Basavaraj Akki, Ms. Rashmi S. M., Mr. Pramukh N, “ROAD SAFETY MEASURES IN URBAN SCENARIO - A CASE STUDY IN BENGALURU” Vol. 13 No. , i-manager’s Journal on Civil Engineering, January - March 2023.
3. Rashmi S M, “Study on comparison of life cycle cost between white topping and bituminuos overlays” International Journal for research in applied science and engineering Technology (IJRASET), Volume 11 Issue 1 ISSN:2321-9653, January 2023

Journal Publication 2022

1. Abhishek R, R Ramesha Nayaka, “Overview on evaluation of the mechanical, durability properties and microstructure of Nano-Silica assimilated cement composites (Nano-SAC)” Volume 58, Part 4, 2022, Pages 1431-1435, Materials Today: Proceedings, Science Direct, May-2022.
2. Dr Sanjay Shekar N C and Dr Hemalatha H N, “Real Silk textile wastewater treatment using 2-D Electrochemical coagulation and estimation of electrical energy consumption”, Brazilian Journal of Chemical Engineering, Springer publication, April 2022.
3. Dr Sanjay Shekar N C and B C Kumar Raju, “Modeling bulk surface resitance and evaluation of evapotranspiration using remote sensing and MATLAB”, Journal of water and climate change, IWA Publishing, April-2022.

Conference Publication 2022

1. S. R. Shashikumara, R. Abhishek, S. Vivek S, “Statistical Analysis on the Influence of Recycled Concrete Aggregate on the Concrete Properties” Proceedings of Recent advances in Civil Engineering, Part of the Lecture Notes in Civil Engineering book series (LNCE,volume 256), June 2022.

Journal Publication 2021

1. Dakshayini R S, Impa K A, Sachin K C, Abhishek R “Evaluation of Concrete with Iron Ore Waste as replacement for Fine Aggregate” *Gradiva review Journal*, 0363-8057, 7(8), 386-391, September 2021.
2. Gopal B Bekkeri, Sachin K C, Chetan K M, Abhishek R “Studies On Partial Replacement Of Fine Aggregates By Copper Slag In Concrete”, *International Research Journal of Engineering and Technology*, 2395-0056, 8(8), 121-124, August 2021.
3. Vivek S., Abdul Razak. B.H., Nikhil Khatavakar, “Study on Strength Behaviour of Concrete Blocks with Filled up Poly Ethylene Terephthalate (PET) Bottles” *Ecology, Environment and Conservation*, Vol.27, pp. S143-S149, ISSN:0971-765X, Novemeber 2021.
4. Dr. Santhosh B S, Dr. Nanjundeswaraswamy T S and Harshitha M N “Quality Management Practices in the construction industries” *GIS Science Journal*, August 2021.
5. Dr Sanjay Shekar N C and Vinay D C “Performance of HEC-HMS and SWAT to simulate streamflow in the sub-humid tropical Hemavathi channel” *Journal of water and climate change*, August 2021.
6. M N Harshitha and S Vivek “Affordable roofing system with sqaure and rectangle dome panels” *Geintec Gestao, Inovacao e Technologies*, ISSN 2237-0722, Vol 11 No 4 , pg no 2941-2951, July 2021.
7. Dr Sanjay Shekar N C and Dr Hemalatha H.N “Evaluation of the Priestly-Taylor method to estimate latent heatflux by triangular and trapezoidal approaches using remote sensing data” *Tropical Ecology, International Society for Tropical Ecology (ISTE)*, Springer Nature publications, July 2021.
8. Dr Sanjay Shekar N C and Lakshman Nandagiri. “Penman-Monteith Evapotranpiration model with Bulk surface conductance derived from remotely sensed spatial contextual information”, *International Journal of Remote Sensing*, July 2021, doi.org/10.1080/01431161.2019.1668074.
9. Dr Sanjay Shekar N. C. “Performances comparison of Penman-Monteith and Priestley-Taylor models using MOD16A2 Remote sensing product”, *Pure and applied Geophysics Journal*, Springer publications, Impact factor- 1.697,2021
10. Sanjay Shekar N. C. and Hemalatha H.N “Land use and Land Cover Characteristics using Bhuvan and MODIS Satellite Data.” *International Journal of Recent Technology and Engineering (IJRET)*, ISSN: 2277-3878, 9 (5), 289-294,2021.

Conference Publication 2021

1. Pramukh N “Role of Shape and Size of Aggregates in Marshall Properties of HMA”, published in proceedings of National Conference on Advances in sustainable construction materials (ASCM), 2021.

Journal Publication 2020

1. Abdul Razak B.H., Gowri Ramesh, Impana P, Sharath K R, Yadhunandan B, “Influence of GGBS on Mechanical Properties of Low Traffic Concrete Paver Blocks”, International Journal for Research in Applied Science & Engineering Technology, Vol. 8(2), 2020, pp 2914-2920. DOI: <http://doi.org/10.22214/ijraset.2020.5490>
2. Shashi Kumara S. R., B.C. Udayashankar, D.L. Venkatesh Babu, Pre-peak Flexural Performance Evaluation of Fiber Reinforced Concrete Beams, International Journal of Advanced Science and Technology, Vol 29, No. 8, 2020, pp 1980-1985, <http://sersc.org/journals/index.php/IJAST/article/view/23286>.
3. Rashmi SM, K. Bharathreddy1 , T. Bhanuteja , G. C. Dhanush Paper titled “Traffic Analysis and Parking Survey” is published in IJRESM Volume 3, Issue 8, May 2020.
4. Rashmi SM, R. Suhas , D. Ravi Kiran , P. S. Darshan, A. Tharun Paper titled “Strengthening of weak subgrade using Geo nailing technique” is published in IJRESM Volume 3, Issue 8, May 2020
5. Dakshayini R S, Sachin K C and Abhishek R “Effect of Partial Replacement of Construction Industry Waste Materials in Concrete”, International Research Journal of Engineering and Technology (IRJET), Vol. 7, Nov 2020.
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7. Pramukh N, R L Prajwal, B M Darshan, S Sunil Kumar, C L Santosh paper titled “Study on Utilization of Plastic Waste in Construction of Flexible Pavement” published in International Journal of Research in Engineering, Science and Management, 2581-5792, Volume-03, Issue-07. July-2020.
8. Apoorva S, Ajay K R, Bhavyashree R, Lokesh M, Prithvirani S paper titled “Seismic analysis of high rise building G+24 using Etabs” published in International Research Journal of Engineering and Technology (IRJET) ISSN: 2395-0056, Volume: 07 Issue: 08 | Aug 2020.

9. Basavaraj Akki, Bheemareddy, Prathap Pandit, Ramya M, Yamini N paper titled “Stabilization of Black Cotton Soil using Terrazyme Enzyme” - in International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume No. 8, Issue No. VIII, 2020, International Journal for Research.
10. Archana J , G.Sadan, V. Ravikumar, E.Lateesha.,”Experimental study on Durability of concrete by Partial Replacement of Cement with Sugarcane Bagasse Ash” International Journal of Research in Engineering, science and Management Volume-3, Issue-7, July-2020

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1. C. S. Shashikumar, M. Keshavamurthy and B. S. Santhosh, “Evaluation of strength properties of high-volume fly ash concrete incorporating nanomaterials”, AIP Conference Proceedings 2204, 020021 (2020); DOI: <https://doi.org/10.1063/1.5141558>, Published Online: 10 January 2020, pp 020021-1-020021-8.
2. Abhishek R., Shashi Kumara S.R., “Factors Influencing Productivity of Construction Labour – A Survey”, Proceeding of International Conference (Virtual) on Civil EngineeringTrends and Challenges for Sustainability (CTCS 2020) during, December 22nd and 23rd, 2020, organized by the Department of Civil Engineering, N.M.A.M Institute of Technology, Nitte, Karkala.
3. Rashmi S.M, Basavaraj Akki “Performance Studies on white topping layers over flexible pavement”, IOP Conf. Series: Materials Science and Engineering 981 (2020) 032076 doi:10.1088/1757-899X/981/3/032076
4. Rashmi S M, Dr Santhosh B S, “Study on comparison of life cycle cost between white topping and bituminous overlays” Proceeding of International Conference (Virtual) on Civil EngineeringTrends and Challenges for Sustainability (CTCS 2020) during, December 22nd and 23rd, 2020, organized by the Department of Civil Engineering, N.M.A.M Institute of Technology, Nitte, Karkala.
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Journal Publication 2019

1. Santhosh B S, “Determining the Rheological properties of Fresh Concrete using Concrete

- Shear Box”, Published in “International Journal of Engineering and Advanced Technology (IJEAT)”, ISSN: 2249 8958, Volume No.9, Issue No.1, October 2019, pp 351-360.
2. Santhosh B S, Madhukar B R, Priyanka B K, Meghana K C, Paper titled, “Design of Total Water Management Solutions to JSSATE Campus”, Published in “International Journal of Advance Research and Innovative Ideas in Education”, ISSN 2395 4396, Volume 5, Issue 03, June 2019 pp 1660-1669.
 3. Santhosh B S, Chitra K R, Deepthi K P Prabhavati, Santhosha kumar, Paper titled, “Effect of Sea Water on Fresh and Hardened Properties of Concrete”, Published in “Journal of Emerging Technologies and Innovative Research”, ISSN 2349 5162, Volume 6, Issue 5, May 2019, pp 178-183.
 4. Sanjay Shekar N. C. and Lakshman Nandagiri (2019). “Penman-Monteith Evapotranspiration Model with Bulk Surface Conductance Derived from Remotely Sensed Spatial Contextual Information.” International Journal of Remote Sensing (IJRS), ISSN: 1366-5901, 41 (4), 1486-1511.
 5. Hemalatha H. N, Mahesh S, Nanjundaswamy S, Sahana M “Hybrid dual treatment of real textile wastewater using electrochemical treatment (ECT) and membrane bioreactor (MBR)”, Desalination and Water Treatment, Indexed in Web of Science, Vol. 140, 2019, pp 50–57.
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 8. Abdul Razak B.H., D.L.Venkatesh Babu, “Fresh, Strength and Durability Characteristics of Binary and Ternary Blended Self Compacting Concrete”, International Journal of Engineering and Advanced Technology, Vol. 9(2), 2019, pp 3987-3991. DOI:10.35940/ijeat.B4540.129219
 9. Abdul Razak B.H., Dr.D.L.Venkatesh Babu, “Experimental Investigations on Fresh Properties of Binary and Ternary Blended Self Compacting Concrete”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 11(5), 2019, pp 199-205.
 10. Vivek.S, paper titled “Stabilization of Marine Soil Using Stone Dust” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN 2321-9653 Volume 7, Issue IV, April 2019.
 11. Vivek.S, paper titled “Stabilization of Marine Soil Using Crushed Brick Powder” in International Journal for Research in Applied Science & Engineering Technology

12. Shashi Kumara S. R., D.L. Venkatesh Babu, B.C. Udayashankar, Bharath S, “Evaluation of Fiber Type and Water-Binder Ratio Influence on Concrete Properties”, International Journal of Engineering and Advanced Technology (IJEAT), 9 (1), pp 6444-6450, doi:10.35940/ijeat.a 2223.109119, 2019.
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16. Harshitha M N, Nikhil Khatavakar, “ Flexural, Tensile and Compressibility Behavior of Self Compacting Concrete by using Glass Fibers”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019.
17. Harshitha M N, Fyroz S D, Naveed Pasha , Paper titled “ Study on properties of glass fiber reinforced self compacting concrete using Fly Ash” published in” International Journal of Technical Research and Applications”, ISSN:2320-8163, Volume 7, Issue 3 May- June 2019.
18. Pramukh N, Hemanth H, Pooja R, Rakshith H, Charankumar K M, Paper titled “Warm Mix Asphalt” published in “International Journal of Civil and Structural Engineering Research(IJC SER)” ISSN 2348-7607, VOL.7 ISSUE 1, PP.46- 51, APRIL 2019- SEPTEMBER 2019.
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1. Vivek.S, paper titled “Comparative Study on Engineering Properties of Plastic Reinforced Soil” in National Conference On Trends And Innovations In Civil Engineering (NCRTIC- AIT-2019) on June 7th & 8th 2019, Organised by Dept of Civil Engineering, Dr.AIT, Bangalore.
2. Shashi Kumara S R, D L Venkatesh Babu, B C Udayashankar, “Effect of Polypropylene Fiber on Stiffness of Reinforced Mid Strength Concrete Beam Specimens”, Proceedings of the National Conference on Advances in Civil Engineering (NCACE-EWIT-2019), October 03-04,2019, EWIT, Bangalore.
3. Abhishek R, Shashikumara S.R, “A Review on Optimization Techniques for Effective Utilization of Resources in Construction Industries”, Proceedings of Recent Advancement in Civil Engineering, 2019.

Journal Publication 2018

1. Santhosh B S, Bhavana D R, Rakesh M G, Paper titled “Mycelium Composites: An Emerging Green Building Material” is published in “International Research Journal of Engineering and Technology, ISSN 2395 -0056, Volume 05, No 6, June 2018, pp. 3066-3068.
2. Santhosh B S, Shashikumar C S, Paper Titled “Rheology: A Scientific Method to measure Workability”, in Proceedings of Regional workshop on “ Engineering challenges related to the concept of new materials in construction industry” organised by Department of Civil Engineering, Dayananda Sagar College of Engineering, Bengaluru, 19th September 2018, pp 88-9
3. Hemalatha H. N, Mahesh S, Nanjundaswamy S, Sahana M “Electrochemical degradation of a real silk textile wastewater using iron electrodes” IOSR Journal of Applied Chemistry (IOSR-JAC), Volume 11, Issue 6, 2018, pp 93-100.
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 10. Vivek.S “Study on effect of addition of Egg shell powder (ESP) on properties of black cotton soil”, International Research Journal of Engineering and Technology in (IRJET), Vol-5, Issue-5, May-2018.
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 16. Pramukh N, Jayadeva N, Shashank S, Anand sagar and Rahul Sona, paper titled”Replacement of Coarse Aggregates with Steel Slag in Hot Mix Asphalt”published in “International Journal of Research in Engineering & Technology (IJRET)”, Volume: 07 Issue: 07 |July 2018 p-128-131.
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1. Dr.Nagabhushana “Effect of Salt Water on Compressive strength of Concrete”, International Research Journal of Engineering and Technology (IRJET), Vol. 4(May-2017).
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5. Vivek.S, Shashank S.K. and Abhishek R “Extension and Renovation of Canteen area and parking lot”, International Research Journal of Engineering and Technology (IRJET), Vol. 4(May-2017).
6. Abhishek R, Dilip Kumar and Vivek S, “Conservation of Energy by installing Solar PV system”, International Research Journal of Engineering and Technology (IRJET), Vol. 4(May-2017).
7. Vivek.S and Dr.S. Gangadhara, “Experimental Study on Strength Behavior of Plastic Reinforced Red Earth”, IJLTEMAS-International Journal of Latest Technology in

Engineering, Management & Applied Science, April 2017- Volume VI and Issue IV.

8. M.B Vikram, Roopesh M, Sandeep, Sanjay Kumar S, "Comparison and Analysis of multistoried building in various Seismic Zones" International Journal of Emerging Trends in Engineering and Development (IJETED), ISSN- 2249-6149, Issue-7, Volume-3, 2017
9. Rashmi S M, "Study of Traffic Flow characteristics and remedial measures to overcome congestion", International Research Journal of Engineering and Technology (IRJET), Vol. 4(May-2017).
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5. Abdul Razak.B.H, Dr.D.L.Venkatesh Babu, "Compatibility of slag cement with PCE based admixtures", International Research Journal of Engineering and Technology (IRJET), ISSN 2395-0056, 3(10), 2016, pp.801-805.
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