

Faculty Publications

Academic Research

1. Rajashekhar S. Laddimath and D.R.Kulkarni (2023, January 24-25) “Effects of Climate Change on Water Budgeting of Shirur Village In Upper Bennihalla Basin and Proposed Mitigation Techniques” International conference on Impacts of Climate Change on Water Management (ICWMCC) 2023, WALMI-Dharwad, India.
2. Veeresh Karikatti, Dr. M.V.Chitawadagi, Ishwaragouda S. Patil, Sanjith J, Mahesh Kumar C L and Kiran B M, “ANN Model for Predicting Compressive Strength of Alkali Activated Slag Concrete Cured at Environmental Temperature”, NeuroQuantology, Volume 20, Issue 1, June 2022, Page 441-450, eISSN 1303 – 5150
3. Nagendra Reddy, Nagraj S Patil and Rajashekhar S Laddimath(2022-Pre-prints) Climate Change Impact Assessment on the Precipitation over the Ghataprabha Sub-Basin, India under Future Climate Change Scenarios. <https://doi.org/10.21203/rs.3.rs-890363/v1>
4. Veeresh Karikatti and Dr. Manojkumar Chitawadagi, “Study on Mechanical and Durability properties of Alkali Activated Slag Concrete with partial replacement of Waste Marble Powder and Bagasse Ash Powder Cured at Ambient Temperature”, Design Engineering, Issue: 9, Dec 2021, pp. 11803-11813, ISSN : 0011-9342.
5. Laddimath R. S., Patil, N. S., Rao, P. S., & Nagendra. (2021). Assessing the impacts of climate change on drought-prone regions in Bhima sub-basin (India) using the Standard Precipitation Index. In *Journal of Water and Climate Change*. IWA Publishing. <https://doi.org/10.2166/wcc.2021.195>
6. Madhumati Dhaduti, Anand Hunashyal, and Sujay K, “ An Assessment of Groundwater Quality of Ilkal Taluk, Bagalkot District, Karnataka, India Using GIS and CCME WQI”. Recent advances in Civil Engineering, Lecture notes in Civil Engineering 256, http://doi.org/10.1007/978-981-19-1862-9_38
7. Veeresh Karikatti, Dr. Manojkumar Chitawadagi and Dr. Naveen G.M, “An Experimental Study on Mechanical Properties of Alkali Activated Slag Concrete”, International Journal of Civil Engg. And Technology, Vol.12, Issue 4, April 2021, pp 21-29, ISSN:0976-6308.
8. Mr. Sujay K, Mr. Prashant M. T (2021) “Estimation of Soil Erosion in Doddahalla watershed, Chitradurga, Karnataka using revised universal soil loss equation (RUSLE) & GIS”.
9. Mrs. Madhumati S. Dhaduti, Dr. Anand M. Hunashyal, Mr. Sujay K (2021) “An assessment of Ground water quality of Ilkal Taluk, Bagalkot Dist., Karnataka, India using GIS & CCME WQI”, International Conference on emerging trends in Engg., 19th-20th Nov. 2021.
10. Veeresh Karikatti, Shabarish Patil and Manojkumar Chitawadagi (2018). “Granulated Blast-Furnace Slag (GGBS) based Geopolymer Concrete – Review”, Int. J. Adv. Sci. Eng. Vol.5 Issue 1, 879-885, ISSN:2454-9967.
11. Veeresh Karikatti and Dr. Manojkumar Chitawadagi (2016). “Geopolymer Concrete with Fly Ash and GGBS at Ambient Temperature – A State of the Art Review”, IJSRD - International Journal for Scientific Research & Development, Vol. 4, Issue 05,

ISSN(online):2321-0613.

12. Shabarish Patil, Rajat Vaidya and Vineethraj Math (2016) “Effect of Curing compounds on strength and durability of Concrete mixes.”International Research Journal for Engineering and Technology, vol. 03, Issue. 06, p.2874-2879, June 2016 e-ISSN:2395-0056,4.45.

13. ShabarishPatil, V Math, R Vaidya, I Patil. (2019). "Experimental Study on Suitability of Geopolymer Concrete Paver on Medium Traffic Condition Highway". *International Journal of Advanced Science and Engineering* 5(3), 975-981.
14. ShabarishPatil and RajatVaidya. (2016). "Performance Analysis Of Stone Column In Expansive Soil Of Northern Karnataka". *The International Reviewer* 3(2), 19-21
15. ShabarishPatil, V B Karikatti, M Chitawadagi. (2018). "Granulated Blast-Furnace Slag (GGBS) based Geopolymer Concrete- Review". *International Journal of Advanced Science and Engineering* 5(1), 879-885.
16. ShabarishPatil, K Rathi, MO Budihal, A Dhadekar, D Salecha. (2018). "Production of Cost Effective and High Strength Geopolymer Concrete Masonry Blocks". *International Journal of Advanced Science and Engineering* 5(4), 1099-1105
17. ShabarishPatil, S Chabbi, S Chabbi, N Pudukalkatti, P Patil. (2018). "Experimental Analysis of Non-Destructive Testing (NDT) on Ground Granulated Blast-Furnace Slag (GGBS) based Geopolymer Concrete". *International Journal of Advanced Science and Engineering* 5(4), 1137-1145
18. Vineethraj Math, Rajatvaidya, veereshkarikatti "Infrared Experimental study on composite layers of GSB-II and WMM in Flexible Pavement," *International Research Journal for Engineering and Technology* , vol.3 ISSUE.6, pp. 2793-2802, June. 2016 e-ISSN: 2395-0056, 4.45.
19. Vineethraj Math, Akshatha Sheregar and Kavita G "Study of Temperature differential in different concrete slabs of varying slab thickness in different region" *European Journal of Applied Engineering and Scientific Research*, 2015, 4 (2): 35-43, Indexed in Google Scholar, open gate, CAS and Indian Science abstract (ISA). ISSN: 2278 – 0041 CODEN(USA): EJAEAJ
20. Vineethraj Math, Shashank B & Kavya N "Swachh Marg-A Nozzle Spray Technique" *Indian Congress of Civil Engineers (ICCE)*, one day National Conference on "Civil Engineering" pp. 30, Dec. 2015, ISSN 2395-1575
21. Ishwaragouda Patil, Satish Annigeri (2016) "Introduction to PSA as a Free Structural Analysis Software", *Bonfring International Journal of Man Machine Interface*, Vol. 4, Special Issue, July 2016. DOI: 10.9756/BIJMMI.8167