

B. V. V. Sangha's
Basaveshwar Engineering College (Autonomous), Bagalkot
Department of Civil Engineering

Publications

Book Chapters:

- 1) Srinivas F. Chitragar, Chandrashekhar B. Shivayogimath, Raviraj H Mulangi, "Laboratory investigation of black cotton soil modified with bio-enzyme & aggregates for pavement subgrade", Recent trends in Civil Engineering, Vol., No. 105, pp. 341-351, 2020.
- 2) Abbas Ali Dhundasi, R. B. Khadiranaikar, "Effect of curing conditions on mechanical properties of reactive powder concrete with different dosage of quartz powder", Lecture Notes in Civil Engineering, Vol., No. 25, pp. 359-368, 2019.
- 3) Aslam Hutagi, R. B. Khadiranaikar, "The effects of GGBFS on strength properties of geopolymer concrete cured at ambient temperature", Lecture Notes in Civil Engineering, Vol., No. 25, pp. 369-380, 2019.
- 4) A. A. Momin, R. B. Khadiranaikar, "Experimental and finite element analysis of 80MPa two-span high-performance concrete beam under flexure", Lecture Notes in Civil Engineering, Vol., No. 25, pp. 381-396, 2019.
- 5) Aijaz Zende, R. B. Khadiranaikar, "Experimental investigation of high-strength self-compacting fibre-reinforced concrete", Lecture Notes in Civil Engineering, Vol., No. 25, pp. 345-358, 2019.
- 6) Srinivas F. Chitragar, Chandrashekhar B. Shivayogimath, Raviraj H. Mulangi, "Study on strength and volume change behavior of expansive soil using non-traditional (bio-enzyme) and traditional (lime and bagasse ash) stabilizers", Lecture Notes in Civil Engineering, Vol., No. 29, pp. 587-594, 2019.

- 7) Santhosh M. Malkapur, Mattur C. Narasimhan, "Virgin and waste polymer incorporated concrete mixes for enhanced neutron radiation shielding characteristics", *Use of Recycled Plastics in Eco-efficient Concrete*, Vol., No. 2019, pp. 215-247, 2019.
- 8) R. B. Khadiranaikar, Arif Masali, "Seismic performance of buildings resting on sloping ground", *Advances in Structural Engineering: Dynamics*, Vol., No. 2, pp. 803-813, 2015.

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- 1) Srinivas F. Chitragar, C. B. Shivayogimath, Raviraj H Mulangi, "Study on strength and volume change behavior of stabilized black cotton soil with different pH of soil-lime mixes for pavement subgrade", *International Journal of Pavement Research and Technology*, Vol., No. 14, pp. 543–548, 2021.
- 2) Aslam Hutagi, R. B. Khadiranaikar, Aijaz Ahmad Zende, "Behavior of geopolymer concrete under cyclic loading", *Construction and Building Materials*, Vol., No. 246, pp. 1-12, 2020.
- 3) Shankar H. Sanni, Shashikanth A. Kambali, "Experimental Investigation of glass fibre reinforced polymer as rebar", *i-Manager's Journal of Structural Engineering*, Vol., No. 9, 2020.
- 4) Shankar H. Sanni, Shashikanth A. Kambali, "Mechanical properties of Banana Fibre Concrete", *Journal of Geotechnics and Engineering Structures (JGES)*, Vol., No. 7, pp. 1-8, Jan - Mar 2020.
- 5) Shankar H. Sanni, R. B. Khadiranaikar, "Elastic constants of geopolymer concrete", *ICI Journal*, Vol., No. 15, pp. 7-15, Oct-Dec. 2018.
- 6) Singh Dharamveer, Ashish Prabin Kumar, Chitragar Srinivas F., "Laboratory performance of recycled asphalt mixes containing wax and chemical based warm mix additives using semi circular bending and tensile strength ratio tests", *Construction and Building Materials*, Vol., No. 158, pp. 1003-1014, 2018.

- 7) Dharamveer Singh, Prabin Kumar Ashish, Srinivas F. Chitragar, "Laboratory performance of recycled asphalt mixes containing wax and chemical based warm mix additives using semi circular bending and tensile strength ratio tests", *Construction and Building Materials*, Vol., No. 158, pp. 1003-1014, 2018.
- 8) Aslam Hutagi, R. B. Khadiranaikar, "Factors affecting properties of high strength geopolymer concrete cured at ambient temperature", *International Journal of Microstructure and Materials Properties*, Vol., No. 13, pp. 277-294, 2018.
- 9) G. M. Hiremath, Veena S. Soraganvi, "Performance analysis of hybrid electrolysis enhanced anaerobic digestion reactor in treating distillery spent wash", *International Journal of Technical Innovation in Modern Engineering and Science [IJTimes]*, Vol. 4, Issue 11, pp. 241-249, Nov. 2018.
- 10) Madhumala Y., Veena S. Soraganvi, Bharati S. Meti, "Reduction of hexavalent chromium using biofilm forming isolates", *International Journal of technical innovation in modern Engineering and Science*, Vol., No. 4, pp. 197-205, November 2018.
- 11) Shankar H. Sanni, Keshavaraj Girinivas, "Analytical investigations on reinforced concrete beams", *International Research Journal of Engineering and Technology (IRJET)*, Vol., No. 5, pp. 1509-1513, Dec. 2018.
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- 13) Shankar H. Sanni, Manjunath Pujari, "Glass powder as partial replacement of fine aggregate in concrete", *International Journal for Research and Development in Technology*, Vol., No. 7, pp. 412-415, April 2017.
- 14) Singh Dharamveer, Chitragar Srinivas F., Ashish Prabin Kumar, "Comparison of moisture and fracture damage resistance of hot and warm asphalt mixes containing reclaimed pavement materials", *Construction and Building Materials*, Vol., No. 157, pp. 1145-1153, 2017.

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- 16) Dharamveer Singh, Srinivas F. Chitragar, Prabin Kumar Ashish, "Comparison of moisture and fracture damage resistance of hot and warm asphalt mixes containing reclaimed pavement materials", Construction and Building Materials, Vol., No. 157, pp. 1145-1153, 2017.
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- 19) Veena S. Soraganvi, Rachid Ababou, M. S. Mohan Kumar, "Analysis and upscaling of unsaturated flow through randomly heterogeneous soil", ASCE journal of Hydrologic Engineering, Vol., No. 22, pp. 1-13, 2017.
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- 22) Srinivas F. Chitragar, Dharamveer Singh, "Evaluation of fracture resistance of asphalt mixes containing recycled asphalt pavement using SCB test", Indian Highways, Vol., No. 44, pp. 17-22, 2016.
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