

GOVERNMENT ENGINEERING COLLEGE BILASPUR (C.G)

Department of Civil Engineering

Publication Details (Year wise)

Year 2024:

1. Aditya Singh (2024), “Effect of spike geometry on drag reduction for a novel combination spiked blunt body and counter jet concept in hypersonic speed” Journal of computational analysis and application, Vol. 33 No 6
2. Aditya Singh (2024), “Numerical Analysis of Hypersonic drag reduction on blunt bodies with sharp spike and opposing jet: A flow modification cooling technique” Revista electronica de veterinaria, Vol. 25 No 15
3. Tanujagupta , M.C. Rao (2024)"Effect of recycled aggregate on properties of blended geo-polymer concrete cured at ambient temperature"Advances in Concrete Construction, Vol. 18, No. 3 191-204

Year 2023:

1. Tanujagupta, M.C. Rao(2023)"Effect on properties of geo-polymer concrete by inclusion of recycled aggregate and methods to enhance the packing density of aggregate"World Journal of Engineering, vol.3 78-89

Year 2022:

1. Aditya singh (2022)."ESTIMATING COOLING LOAD AND DESIGNING AN AIR CIRCULATION SYSTEM FOR A MULTI-STORY WORKPLACE BUILDING AT ROURKELA ODISHA" journal of harbin institute of technology, vol 54 iss.06
2. Aditya singh (2022)."Experimental Investigation of Novel Nylon-Epoxy Composite Material using UTM" Kalahari journals, vol.7 no. 4

Year 2021:

1. Tanujagupta , M.C. Rao (2021)"Critical Review on Various Aspects of Geo-polymer Concrete"The Indian Concrete Journal, vol 96,14-34.
2. Tanujagupta , M.C. Rao (2021)"Durability Aspect of Geo-polymer Binder - a review on sulphate and acid attack"Chhattisgarh Journal of Science and Technology, vol.18,69-72.
3. Tanujagupta , M.C. Rao (2021)"Prediction of compressive strength of geopolymer concrete using machine learning techniques" Structural Concrete;1–18.

Year 2020:

1. Chauhan, S. and Shrivastava, R. K. (2020). “Optimal Operation of Three Reservoir System- A case study.” J. of Indian Water Resource Society, 40(3-4), 1-9.
2. Chauhan, S and Devangan, S. (2020) “Development of Crop Coefficient Curves for Bilaspur Region.” at National Conference on New Horizons in Civil Engineering to combat Current Challenges” (BITCON) on 20 November, 2020 at Bhilai Institute of Technology Durg (C G).

3. NidhiSuryavanshi, M.K Sinha, S. Gouraha (2020)"Assessment of Trend and Variability of Rainfall at Upper Seonath River Basin"CSVTU Research Journal Vol. 9 (2), 132–139.

Year 2019:

1. Juhita Singh,Dr. A.K Jain,(2019)"Development of Framework for Rating System for Indian Green Highways"American Journal of Engineering Research (AJER)E-ISSN: 2320-0847 p-ISSN: 2320-0936 Volume-8, Issue-1, pp-250-259

Year 2012:

1. Chauhan, S. and Shrivastava, R. K. (2012). "Estimating reference evaporation using neural computing techniques." J. of Indian Water Resource Society, 32(1-2), 22-32

Year 2011:

1. Chauhan, S. and Shrivastava, R. K. (2011). Estimating reference evaporation using artificial neural networks" Hydrology Journal, 34(1-2), 13-21.

Year 2010:

1. Chauhan, S. and Shrivastava, R. K. (2010)." Inflow generation models for the reservoirs in MRP Complex-A Case Study." J. of Indian Water Resource Society, 29(4), 1-9.

Year 2009:

1. Chauhan, S. and Shrivastava, R. K. (2009). "Reference evaporation forecasting using different artificial neural networks algorithms." Canadian J. of Civil Engineering, 36(9), 1491-1505.

2. Chauhan, S. and Shrivastava, R. K. (2009). "Estimation of references evaporation using artificial neural networks." ISH J. of Hydraulic Engineer, 15, 34-44.

3. Chauhan, S. and Shrivastava, R. K. (2009). "Performance evaluation of reference evapotranspiration estimation using climatic based methods and artificial neural networks." Water Resources Management, 23, 825-837.

Year 2008:

1. Chauhan, S. and Shrivastava, R. K. (2008), "Optimal operation of a multipurpose reservoir using genetic algorithms." J. of Indian Water Resource Society, 28(4), 1- 9-17

2. Chauhan, P., Chauhan, S. and Shrivastava, R. K. (2008) "Reservoir operation strategies for Tawa reservoir." at National Conference on water, conservation and artificial recharge of ground water (WATCON) on 18-19 October, 2008 at Maharaja Sayajirao University of Baroda, Vadodara, pp 258-260.

3. Sharma, V.,Chauhan, S. and Ajmera, S. B. (2008) "Optimal cropping pattern for Choral Project-A case study." at National Conference on water conservation and artificial recharge of ground water (WATCON) on 18-19 October, 2008 at Maharaja Sayajirao University of Baroda, Vadodara, pp 261-27.

Year 2007:

1. Chauhan, S. and Shrivastava, R. K. (2007). "Irrigation demand estimation in main canal command of Mahanadi Reservoir Project in Chhattisgarh." J. of Indian Water Resource Society, 27(3-4), 1-9.

Year 2005:

1. Chauhan, S., and Sharma, S. L. (2005). "Integrated solid waste management in case of bio-medical waste." at Geotechnical Conference, IGC 2005, at Nirma Institute of Technology, Ahemdabad.

2. Chauhan, S. and Shrivastava, R. K., (2005). "Application of artificial neural networks in reservoir operation." International sym. on Recent advances in water resources development and management, 23-25, Nov., 2005, at Roorkee, Vol. (1), 156-169.

3. Chauhan, S., and Gupta, S. (2005). "Waste utilization in highways construction" a National Conference in Road Transportation on February 15-16, 2005 at NIT, Rourkela, pp 394-402.

Year 2004:

1. Thakurdesai, S. M., and Chauhan, S. (2004). "Discretisation for desktop study of Harbour problems." At National Conference on hydraulics and water resources, HYDRO-2004 on December 26-27, 2004 at VNIT, Nagpur, pp 623-662.

2. Chauhan, S., and Sharma, S. L. (2004). "Solid and liquid waste management technology in case of bio medical waste" at National work shop on Environmental issues on October 6-7, at BIT Durg.

3. Chauhan, S., and Sharma, S. L. (2004). "Bio-Medical waste minimization" at work shop on waste management in urban areas on September 24-25, 2004 at NIT, Warangal, pp 09-17.