Dr. Dharmendra Kumar Shukla

Assistant Professor (SG)

Education: B.E (Civil), M. Tech (Geotechnical Engineering) PhD (Rock Mechanics-Civil Engineering)

E-mail: dharmendra.shukla@juet.ac.in

Contact No. : Ext. – 227

Areas of Interest: Geotechnical Engineering, Cement and Concrete Technology

Brief Profile:

After completing B.E.(Civil Engineering) from Madhav Institute of Technology and Sciences Gwalior, received Master's Degree in Geotechnical Engineering from Motilal National Institute of Technology Allahabad and Ph.D. degree (2016) from Jaypee University of Engineering and Technology Guna. He joined Jaypee University of Engineering and Technology Guna formerly (Jaypee Institute of Engineering Technology) in August 2005 as lecturer. He has been associated with various research and consultancy projects. Currently supervising three PhDs in the area of Geotechnical Enginnering, Cement and Concrete Technology. He has published many research papers in various journals of repute including SCI indexed journals. He has attended and presented many research papers in different international/national conferences. He is associated as organizer, Technical Program Committee member and reviewer and organized various conferences and workshops. He was also an editorial board member of the JUET Research Journal of Science and Technology. He has completed more than 30 plus Testing consultancy reports and supervising one sponsored research project of Rs. 7 Lakh awarded to his PhD scholar Ms. Nancy Soni by Environmental pollution control organization (EPCO Bhopal).

Ph.D. Supervision
Completed - 02
[1] Nancy Soni (173D002) "Utilization of Recycled Fines Obtained from Construction and Demolition Waste in Mortar and Concrete".
[2] Shubham Goswami (183D004) “Sustainable Utilization of Sewage Sludge Ash With Industrial Waste in Cement And Mortar".
[3] S N Yadav (183D002)- "Strength Behaviour of Anisotropic Rock Mass Under Confinement".

Award and Achievements
[1] Best Paper award in Earth and Environmental Science IOP Conference Series, March 2021.
Other Administrative and Professional Experiences
(i) Hostel Warden, Boys Hostel, Jaypee University of Engineering and Technology, Guna for Eight Years.
(ii) Member University Disciplinary Committee from January 2017.
(iii) Training and Placement Incharge, Department of Civil Engineering, Jaypee University of Engineering and Technology, Guna from July, 2010 to 2018.
(iv) Mess Supervisory Committee, Jaypee University of Engineering and Technology, Guna for 2017.

(v) Faculty Advisor, Jaypee Youth Club (JYC), Jaypee University of Engineering and Technology, Guna since 2017 to till date.

Publication@JUET

Publication details google profile link

[1] Shukla D. K., Jain K. K., Singh M., "Bearing capacity of footing on slopping anisotropic rock mass" , International Journal of Research in Engineering & Technology, ISSN (P):2347-4599,Vol-2-4,pp.217-232,Apr 2014.

[2] Shukla D. K., Jain K. K., Singh M., "Variation in Bearing capacity of footing on slopping anisotropic rock mass" ,. International Journal of Research in Engineering & Technology, ISSN (P):234-4599,Vol-2-6,pp.85-98, June 2014.

[3] Murari K, Mishra D R, Shukla D K, Jha B, Talwar J. Performance evaluation of concrete containing Polypropylene and Recron fibre as additive, Journal of Scientific and Technical Research, ISSN (P): 2278-3350, Vol -6-2 PP (44-49) Dec. 2014.

[4] S. Goswami and D. K. Shukla, "Prediction of Accidental Analysis for Jhansi City," International Journal for Scientific Research & Development., Vol. 7(5), 2019.

[5] S. Goswami and D. K. Shukla," Light Weight Building Blocks using Industrial Waste," International Journal for Scientific Research & Development., Vol. 7(5), 2019.

[6] Soni N., Shukla D. K., "Sustainable mortar mix using recycled fines obtained from construction and demolition waste" , International Journal of Engineering & Materials Sciences, Vol.27, June 2020, pp. 699-708.

[7] Soni N., Shukla D. K., "Analytical study on mechanical properties of concrete containing crushed recycled coarse aggregate as an alternative of natural sand" , Construction and Building Materials, August 2020, 120595.