

**DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT****DEPARTMENT OF CIVIL ENGINEERING****Publications by Faculty Members**

S.No.	Name of Faculty	Title of Paper	Journal/conference Publisher	Year
1	Ms. Ekta Dwivedi	Evaluating the Effectiveness of Energy-Efficient Design Strategies in Achieving Net Zero Energy Building through Reduced Energy Consumption	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue III Mar 2023	2023
2	Dr. Meenakshi Singh	Evaluation of geosynthetic reinforcement in unpaved road using moving wheel load test	Geotextiles and Geomembranes, SCI JOURNAL, Volume 50, Issue 4, August 2022, Pages 581-589	2022
3	Dr. Kavita Verma	“Review on Structural Solution for Irregular Shape Buildings: A Way Forward” at the International Academic Conference on Recent Advances in Engineering and Technology (ICRAET) held in Dehradun, India on 03 July, 2022.	Conference Proceeding ISBN: 978-93-90150-31-1	2022
4	Dr. Kavita Verma	Innovative solutions of structural system for Tall Building: A Review Paper at INTERNATIONAL E-CONFERENCE On Sustainable Development and Recent Trends By Civil Engineering Department (January 4th -5th, 2022) ICSDRT-2022	Conference Proceeding ISBN: 978-93-5593-431-4	2022
5	Ms. Niharika Sharma	“Review on Structural Solution for Irregular Shape Buildings: A Way Forward” at the International Academic Conference on Recent Advances in Engineering and Technology (ICRAET) held in Dehradun, India on 03 July, 2022.	Conference Proceeding ISBN: 978-93-90150-31-1	2022
6	Ms. Niharika Sharma	Innovative solutions of structural system for Tall Building: A Review Paper at INTERNATIONAL E-CONFERENCE On Sustainable Development and Recent Trends By Civil Engineering Department (January 4th -5th, 2022) ICSDRT-2022	Conference Proceeding ISBN: 978-93-5593-431-4	2022
7	Ms. Shikha Sachan	Comparative Study on Design of Steel Structures and RCC Frame Structures Based on Column Span in International e-Conference on Sustainable Development & Recent Trends in Civil Engineering (ICSDRT 2022) held at ADGITM, New Delhi on 4th-5th January 2022	Conference Proceeding ISBN: 978-93-5593-431-4	2022
8	Ms. Ekta Dwivedi	Energy Efficiency Buildings: A Review Paper at INTERNATIONAL E-CONFERENCE On Sustainable Development and Recent Trends By Civil Engineering Department (January 4th -5th, 2022) ICSDRT-2022, "Conference Proceeding ISBN: 978-93-5593-431-4"	Conference Proceeding ISBN: 978-93-5593-431-4	2022

9	Ms. Ekta Dwivedi	Spray Plaster Technique: A Review	International Research Journal of Engineering & technology (IRJET), Vol-8, Issue 4 April, 2021 (S.No- 938) E-ISSN:2395-0056, P-ISSN: 2395-0072	2022
10	Mr. Himanshu Bhardwaja	"Design Strategies for Net Zero Energy Buildings: Way Forward" in International e-Conference on Sustainable Development and Recent Trends in Civil Engineering (4th - 5th January, 2022) ICSDRT-2022.	Conference Proceeding, ISBN: 978-93-5593-431-4	2022
11	Mr. Parasram Pandit	A review on building performance simulation software to enhance energy efficiency of new and existing building By Civil Engineering Department (January 4th -5th, 2022) ICSDRT-2022	"Conference Proceeding ISBN: 978-93-5593-431-4"	2022
12	Mr Aashish Malik	Earthquake Analysis Of Regular And Irregular Structures For All Soil Type In Seismic Zone V in International e-Conference on Sustainable Development & Recent Trends in Civil Engineering (ICSDRT 2022) held at ADGITM, New Delhi on 4th-5th January 2022	Conference Proceeding ISBN: 978-93-5593-431-4	2022
13	Mr Ashish Juneja	A Review Paper at INTERNATIONAL E-CONFERENCE On Sustainable Development and Recent Trends By Civil Engineering Department (January 4th -5th, 2022) ICSDRT-2022	Conference Proceeding ISBN: 978-93-5593-431-4	2022
14	Dr. Kavita Verma	Zaidi, S.K. A., Ram. S. and Verma, A.M. "Seismic analysis of RC frames with different masonry infill walls with and without opening" Elixir Civil Engineering. 141 (2021) pp. 55496-55500 ,Elixir publisher ISSN 2229-712x	Elixir Civil Engineering. 141 (2021) pp. 55496-55500 ,Elixir publisher ISSN 2229-712x	2021
15	Mr. Parasram Pandit	Software Simulation Modelling Based Approach in Building Envelope Optimization	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), ISSN(e) : 2278-1684, ISSN(p) : 2320-334X, PP : 01-03	2021
16	Ms. Shikha Sachan	Stabilisation of soil using geo-textile fibre in National E-Conference on Recent Trends in Science and Technology (NECRAST 2020) held in ADGITM, New delhi on 27th-28th July 2020	Conference Proceedigs	2020
17	Ms. Shikha Sachan	Evaluating the properties of bricks using C&D waste in National E-Conference on Recent Trends in Science and Technology (NECRAST 2020) held in ADGITM, New delhi on 27th-28th July 2020	Conference Proceedigs	2020

18	Ms. Ekta Dwivedi	Chilled Beam Technique: A Review Published in International Research Journal of Engineering & technology (IRJET), Vol-7, Issue 8 August, 2020 (S.No- 554) E-ISSN:2395-0056, P-ISSN: 2395-0072	International Research Journal of Engineering & technology (IRJET), Vol-7, Issue 8 August, 2020 (S.No- 554) E-ISSN:2395-0056, P-ISSN: 2395-0072	2020
19	Mr Aashish Malik	THE OPTIMUM SPACING OF SUB-SURFACE DRAIN BELOW PERMEABLE PAVEMENT in National E-Conference on Recent Trends in Science and Technology (NECRAST 2020) held in ADGITM, New delhi on 27th-28th July 2020	Conference Proceedigs	2020
20	Mr Aashish Malik	To Enhance The Conventional Properties Of Bitumen Mix By Using Crumb Rubber in National E-Conference on Recent Trends in Science and Technology (NECRAST 2020) held in ADGITM, New delhi on 27th-28th July 2020	Conference Proceedigs	2020
21	Mr Aashish Malik	TO STUDY THE EFFECT OF SUGARCANE BAGASSE ASH ON GEOTECHNICAL PROPERTIES OF SOIL in National E-Conference on Recent Trends in Science and Technology (NECRAST 2020) held in ADGITM, New delhi on 27th-28th July 2020	Conference Proceedigs	2020
22	Dr. Kavita Verma	Kavita Verma, Shobha Ram and Alok Verma (2019), "Fuzzy Logic Modelling of Degradation of Cement Mortar in Aggressive Environment	International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue -3, Page No.- 1806-1813, ISSN 2277-3878. (Scopus Index Journal)	2019
23	Dr. Kavita Verma	Kavita Verma, Shobha Ram and Alok Verma (2019), "Prediction of Compressive Strength of Cement Mortar in Normal and Aggressive Environment Using Artificial Neural Network",	International Journal of Applied Engineering Research, Volume-14, Number15, Page No.- 3435-3441, ISSN 0973-4562. (UGC approved Journal)	2019
24	Dr. Kavita Verma	Kavita Verma, Shobha Ram and Alok Verma (2019), "Effect of Acidic Aggressive Environment on Cement Mortar", 2nd International Conference on Sustainable Technologies for Environmental Management Sponsored by TEQIP-III, March 25-26, Delhi Technological University, Delhi, India.	Conference Paper	2019
25	Mr. Himanshu Bhardwaja	"Ancient Civilization Study through Dholavira Archaeological Site in Kutch district: A Study" in National Conference on Emerging Research and Innovations in Civil Engineering (ERICE-2019)	2. Conference Proceeding, ISBN: 978-93-53463-53-3	2019
26	Mr. Himanshu Bhardwaja	"Reassessment of Definitions and Design Strategies for Net Zero Energy Building" in International Conference on Energy, Environment & Material Sciences (ICE2M-2019).	3. Conference Proceeding	2019

27	Dr. Kavita Verma	Kavita Verma, Shobha Ram and Alok Verma (2018), "Durability Assessment of Cement Mortar in Aggressive Environmental conditions using Fuzzy Logic", 3rd International Conference on Advanced Production and Industrial Engineering organized by Centre for Advanced Production and Industrial Engineering Research, October 5-6, Delhi Technological University, Delhi, India.	Conference Paper	2018
28	Ms. Niharika Sharma	"Validation of Fracture Parameters using MTS Technology on Mild Steel Material" PUBLISHED in International Journal of Advance Engineering and Research Development Conference of Nanotechnology & Applications In Civil Engineering-2018. Volume 5, Special Issue 03, Feb.-2018 (UGC Approved)	International Journal of Advance Engineering and Research Development (UGC Approved) e-ISSN:2348-4470 and p-ISSN: 2348-6406.	2018
29	Ms. Niharika Sharma	Feasibility of Composite Reinforcement for Heavy Structure, Conference of Nanotechnology & Applications In Civil Engineering-2018. Volume 5, Special Issue 03, Feb.-2018	International Journal of Advance Engineering and Research Development (UGC Approved)	2018
30	Ms. Niharika Sharma	"Validation on Fracture Parameters using MTS Technology on certain material" at 22nd ISTE State Annual Faculty Convention & National Conference on "Engineering Innovations for Social and Environmental Development" 30th December 2017 at ADIT Vidyanagar.	Conference Paper	2017
31	Ms. Niharika Sharma	"VALIDATION OF CRACK STUDY ON SENB SPECIMEN" 46th ISTE Annual National Convention & National Conference organized by Gulzar Group of Institute, <b>Ludhiana</b> , Punjab in February 2017	Conference Paper	2017
32	Mr. Aashish Malik	Kumar, M. and Malik, A. 3D simulation of flow around different types of groyne using ANSYS Fluent, Imperial Journal Of Interdisciplinary Research, Sept. 2016, Issue 10, Vol. 2, Pg 418-427	Imperial Journal Of Interdisciplinary Research, Sept. 2016, Issue 10, Vol. 2, Pg 418-427 ISSN: 24541362 EISSN:24541362	2017
33	Ms. Niharika Sharma	"Study of Effect of Geometric Variation on Stress Intensity Factor of Mild Steel" at 21st ISTE State Annual Faculty Convention & National Conference on "Emerging Trends in Engineering" with at Adipur, Kutch December, 2016	Conference Proceeding ISBN No: 978-93-84659-91-2	2016
34	Ms. Niharika Sharma	Effect of Specimen Size on Fracture Toughness of Mild Steel Using ANSYS published in   Volume 2   Issue 1   Print ISSN : 2395-1990	IJSRSET Online ISSN : 2394-4099 Themed Section: Engineering and Technology	2016