

List of Publications

International Journals:

Published – 43

1. Vikas Srivastava, Satyendra Nath, and **P. K. Mehta**, “Rice Husk Ash Concrete and Cement Matrix - A Review”, Bioved – An Int. Bi-annual Journal of Life Sciences, India, Vol 21, No. 1 & 2, pp. 115-119, Feb, Aug 2010.
2. Vikas Srivastava, Rakesh Kumar and **P. K. Mehta** “Utilization of Agricultural wastes in Construction Industry–A Review”, Bioved – An Int. Bi-annual Journal of Life Sciences, India, Vol 21, No. 1 & 2, pp. 159-162, Feb, Aug 2010.
3. Tabin Rushad S, Abhishek Kumar, Duggal S.K., and **Mehta, P.K.**, “Experimental Studies on Lime-Soil-Fly Ash Bricks”, Int. Journal of Civil and Structural Engineering, Vol I, No 4, pp. 994-1002, 2011.
4. Vikas Srivastava, Rakesh Kumar, V. C. Agrawal and **P. K. Mehta**, “Effect of Silica Fume and Metakaolin Combination on Concrete”, International Journal of Civil and Structural Engineering, Vol 2, No. 3, , pp.893-900, 2012
5. Mohd Monish, Vikas Srivastava, V.C. Agrawal, **P.K. Mehta** and Rakesh Kumar, “Demolished Waste as Coarse Aggregate in Concrete”, Journal of Academia and Industrial Research, Vol 1(9), pp. 540-542, Feb 2013.
6. Vikas Srivastava, V.C. Agrawal, Atul, Rakesh Kumar and **P. K. Mehta**, “Silica Fume – An Admixture for High Quality Concrete”, Journal of Environmental & Nano Technology, Vol 2 (2013), pp. 53-58, 2013.
7. Vikas Srivastava, Rakesh Kumar and **P. K. Mehta**, “Concrete Made With Waste Materials-A Review”, Journal of Environmental Nanotechnology, Vol 2, No 2(2013), pp. 102-106, 2013.
8. Vikas Srivastava, Mohd Monish, V.C. Agrawal and **P. K. Mehta**, “Demolition Waste as Cement Replacement in Concrete”, Journal of Environmental Nanotechnology, Vol 2, No 3(Sept, 2013), pp. 16-19, 2013.
9. Vikas Srivastava, **P. K. Mehta** and Satyendra Nath, “Natural Fibre in Cement and Concrete Matrices- A Review”, Journal of Environmental Nanotechnology, Vol 2, No 3(Sept, 2013), pp. 62-65, 2013.
10. Vikas Srivastava, Alvin Harison, **P. K. Mehta**, Atul and Rakesh Kumar, “Effect of Silica Fume in Concrete”, Int. Journal of Innovative Research in Science, Engineering and Technology, Vol 3, Special Issue 4, pp. 254-259, March 2014. ISSN (Online: 2319-8753), ISSN (Print): 2347-6710.
11. Rakesh Kumar, **P. K. Mehta**, Devbrat Singh, Anup Kumar Pandey and Sarvesh Kumar, “Compression Dispersion Efficiency of Concrete Struts at Different Load Concentration Ratios”, Int. Journal of Engineering Research, Vol. 3, Issue 6, pp. 369-373, June 2014. ISSN: 2319-6890 (On line)
12. Rahul Upadhyay, Vikas Srivastava, Arpan Herbert and **P.K. Mehta**, “Effect of Fly Ash on Flexural Strength of Portland Pozzolona Cement Concrete”, Journal of Academia and Industrial Research (JAIR), , Volume 3, Issue 5, pp. 218-220, October 2014. ISSN: 2278-5213.
13. Rakesh Kumar, **P. K. Mehta**, and Vikas Srivastava, “Effect of Metakaoline and Recycled Fine Aggregate on Workability and Compressive Strength of Concrete”, Journal of Environmental Nanotechnology, Volume 3, No.3, pp. 82-87, 2014. ISSN (Print): 2279-0748, ISSN (Online): 2319-5541.
14. Sandeep Kumar Singh, Vikas Srivastava, V.C. Agarwal, Rakesh Kumar and **P.K. Mehta**, “An Experimental Investigation on Stone Dust as Partial Replacement of Fine Aggregate in Concrete”, Journal of Academia and Industrial Research (JAIR), Volume 3, Issue 5, pp.229-232, October 2014. ISSN: 2278-5213.
15. Vikas Srivastava, Rakesh Kumar, V. C. Agarwal and **P.K. Mehta**, “Effect of Silica Fume on Workability and Compressive Strength of OPC Concrete”, Journal of Environmental Nanotechnology, Volume 3, No.3, pp. 32-35, 2014, ISSN (Print): 2279-0748 ISSN (Online): 2319-5541.

16. Awasthi Jitendra, Ghosh G. and **Mehta P.K.**, “Performance- Based Seismic Design of a Building”, International Journal of Advanced Technology in Engineering and Science (IJATES – 2016), Volume 4, Issue 4, pp.74-83, April 2016. ISSN: 2348-7550.
17. Awasthi Jitendra, Ghosh G. and **Mehta P.K.**, “Pushover Analysis of a RC Bridge”, International Journal of Innovative Research in Science and Engineering (IJIRSE - 2016), Volume 2, Issue 5, pp.480-488, May 2016. ISSN: 2454-9665.
18. Shashikant Srivastava, Mohd Arif Ansari, **P.K. Mehta** and Vikas Srivastava, “Flyash as partial replacement of portland pozzolana cement in concrete: an experimental investigation”, International Journal of Civil Engineering & Technology (IJCIET), Vol. 7, Issue 6, pp. 207-214, Nov-Dec, 2016. ISSN Print: 0976-6308, ISSN Online: 0976-6316 (*Scopus Indexed*).
19. Praveen Kumar Gupta, Rakesh Kumar, Y.K. Gupta and **P.K. Mehta**, “Effect of Acidic Environment on Self Compacting Concrete”, International Journal of Civil Engineering & Technology (IJCIET), Vol. 8, Issue 2, pp. 595-606, Feb, 2017. ISSN Print: 0976-6308, ISSN Online: 0976-6316 (*Scopus Indexed*).
20. Rakesh Kumar, **P.K. Mehta**, P.R. Pal and Ashiq T P, “Relation among Mechanical Properties of Ground Granulated Blast Furnace Slag Concrete”, International Journal of Civil Engineering & Technology (IJCIET), Vol. 8, Issue. 3, pp. 423-431 , March, 2017. ISSN Print: 0976-6308, ISSN Online: 0976-6316 (*Scopus Indexed*)
21. Preeti Agarwal, P. Pal and **P.K. Mehta**, “Analysis of RC Skew Box Girder Bridges”, International Journal of Science and Innovative Engineering and Technology, Vol. 6, pp. 1-8 , May, 2019. ISSN Print: 978-93-81288-18-4.
22. Deep Tripathi, Rakesh Kumar, **P. K. Mehta** and Amrendra Singh, “Optimum Dose of Binary Admixture in Self Compacting Concrete”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, Issue. 1, pp. 103-108 , November, 2019. ISSN: 2278-3075 (Online) (*Scopus Indexed*)
23. Deep Tripathi, **P. K. Mehta**, Rakesh Kumar and Amrendra Singh, “Silica Fume Mixed Concrete in Acidic Environment” Materials Today: Proceedings (Elsevier), Vol 27, Issue-2, pp. 1001-1005, Feb 14, 2020. (DOI: 10.1016/j.matpr.2020.01.311) (*Scopus Indexed*)
24. Amrendra Singh, **P. K. Mehta**, Rakesh Kumar and Deep Tripathi, “Effect of Nitric Acid on Rice Husk Ash and Steel Fiber Reinforced Concrete” Materials Today: Proceedings (Elsevier), Vol 27, Issue-2, pp. 995-1000, Feb 08, 2020. (DOI: 10.1016/j.matpr.2020.01.310) (*Scopus Indexed*)
25. Deep Tripathi, Rakesh Kumar, P. K. Mehta and Vishal Rawat (2020) “An Experimental Study on the Properties of SCC with Manufactured Sand”, CHEMCONFLUX²⁰ Special Issue, Journal of the Indian Chemical Society, ISSN: 0019-4522, Vol. 97, No. 10a, pp. 1673-1677, October 2020 (*Scopus Indexed- SCI Expanded*)
26. Anjali Singh, P.K. Mehta and Rakesh Kumar “Use of Recycled Coarse Aggregate in Self Compacting Concrete”, CHEMCONFLUX²⁰ Special Issue, Journal of the Indian Chemical Society, ISSN: 0019-4522, Vol. 97, No. 10a, pp. 1703-1708, October 2020 (*Scopus Indexed- SCI Expanded*)
27. Jitendra Awasthi, Goutam Ghosh, **Pradeep Kumar Mehta**, “Seismic design of a curved bridge as per performance based criteria” Materials Today: Proceedings 38 (2021) (Elsevier), Vol 38, Part 5, pp. 3014-3018, October 27, 2020 (Online). (DOI: 10.1016/j.matpr.2020.09.324) (*Scopus Indexed*)
28. Preeti Agarwal, Priyaranjan Pal, **Pradeep Kumar Mehta**, “Parametric study on skew-curved RC box-girder bridges” Structures, Vol.28, Proceedings (Elsevier), pp. 380-388, December, 2020, Doi: <https://doi.org/10.1016/j.istruc.2020.08.025>. (*SCI Indexed*)
29. Preeti Agarwal, Priyaranjan Pal, **Pradeep Kumar Mehta**, “Computation of design forces and deflection in skew-curved box-girder bridges” Structural Engineering and Mechanics, Vol.78, No. 3, pp. 255-267, May,

2021. (*SCI Indexed*) (DOI: <https://doi.org/10.12989/sem.2021.78.3.255>) (ISSN: 1225-4568 (Print) 1598-6217 (Online))
30. Nishi Gupta, **Pradeep Kumar Mehta** and Rakesh Kumar “Effect of Depth on Box Girder Bridges” International Research Journal of Engineering and Technology (IRJET), Volume 8, Issue 6, pp. 4635-4641, June, 2021. <https://www.irjet.net/volume8-issue6> S. No: 840 (e-ISSN: 2395-0056; p-ISSN:2395-0072)
 31. Deep Tripathi, Rakesh Kumar, P. K. Mehta, Amrendra Singh “Evaluation of A Sustainable Self Compacting Concrete Using Destructive and Non-Destructive Testing” Materials Today: Proceedings, Oct 13, 2021. (DOI: 10.1016/j.matpr.2021.09.389) (Elsevier - Scopus)
 32. Deep Tripathi, Rakesh Kumar, P. K. Mehta “Characterization of Ternary Blended Self Compacting Concrete Exposed to Sulphate Environment” Concrete Beton- Official publication of Cement and Concrete, South Africa, 167, Nov 2021, pp. 24-29. (ISSN: 1682-6116)
 33. Preeti Agarwal, Priyaranjan Pal, **Pradeep Kumar Mehta**, “Box-Girder Bridges- Modelling and Analysis” International Journal for Engineering Modelling, Vol.35, No. 1, pp.19-44, Feb, 2022. (*Scopus Indexed*) (DOI: <https://doi.org/10.31534/engmod.2022.1.ri.02m>)
 34. Anjali Singh, P.K. Mehta, Rakesh Kumar, “Performance of binary admixture (Fly Ash and Silica Fume) on Self Compacting concrete”, Materials Today: Proceedings, Vol. 58, Part 3, pp. 970-977, 2022 (Scopus)
 35. Preeti Agarwal, Priyaranjan Pal, and Pradeep Kumar Mehta, “Free Vibration Analysis of RC Box Girder Bridges using FEM”, Sound & Vibration, Vol.56, No. 2, pp.105-125, March, 2022. (Scopus)
 36. Deep Tripathi, P. K. Mehta, Rakesh Kumar, (2021) “Development of An Environmental-friendly Durable Self Compacting Concrete” Environmental Science and Pollution Research, March 2022, 29 (36), pp. 54167-64180 (DOI: <http://doi.org/10.1007/511356-022-19638-5>), (Springer-SCI)
 37. Anjali Singh, P.K. Mehta and Rakesh Kumar, "Strength and Microstructure analysis of sustainable Self-Compacting Concrete with Recycled Coarse Aggregate, Fly Ash and Silica Fume”, Materials Today: Proceedings, Vol. 78, pp. 86-98, Dec 2022 (Elsevier-Scopus)
 38. Anjali Singh, P.K. Mehta and Rakesh Kumar, "Recycled Coarse Aggregate and Silica Fume used in Sustainable Self-Compacting Concrete, International Journal of Advanced Technology and Engineering Exploration (IJATEE), Vol. 9(96), ISSN (Print): 2394-5443 ISSN (Online): 2394-7454 <http://dx.doi.org/10.19101/IJATEE.2021.876138>, pp. 1581-1596, Nov. 2022 (Scopus).
 39. Preeti Agarwal, Priyaranjan Pal and P. K. Mehta, "Finite Element Analysis of Reinforced Concrete Curved Box-Girder Bridges", Advances in Bridge Engineering, Vol. 4, No. 1, pp. 1-21, Feb 2023, doi: 10.1186/s43251-023-00080-7 (Scopus)
 40. Amrendra Singh, Rakesh Kumar, P. K. Mehta, Deep Tripathi (2024), “Performance of Dual Admixture Mixed Self Compacting Concrete Exposed to Sulphate Environment,” Indian Journal of Environmental Protection. ISSN (Print): 0253-7141, Vol. 43, No 13, pp.1174-1185. Conference 2023 (Scopus)
 41. Amrendra Singh, Rakesh Kumar, P. K. Mehta, Pawan Kumar (2025) “Durability and microstructural analysis of self-compacting concrete with ternary blends exposed to sulphate environment ” International Journal of Advanced Technology and Engineering Exploration, Vol. 12, Issue-122, January 25, 2025, ISSN (Print): 2394-5443 ISSN (Online): 2394-7454, <http://dx.doi.org/10.19101/IJATEE.2024.111100212>. pp. 1-19, Jan 2025 (Scopus).
 42. Shubhi Ojha, Priyaranjan Pal, P.K. Mehta, “Computational analysis of curved prestressed concrete box-girder bridges using finite element method”, scientific reports (2025) 15:7050, www.nature.com/scientificreports, <https://doi.org/10.1038/s41598-025-91172-z>, pp.1-21, Jan 2025 (SCI)

43. Shubhi Ojha, Priyaranjan Pal, P.K. Mehta, "Behavirol analysis of prestressed concrete skewed box-girder bridges", *Innovative Infrastructure Solutions* (2025) 10:213, Springer Nature Switzerland AG 2025, <https://doi.org/10.1007/s41062-025-02009-7>, pp.1-20, 6 May 2025 (Online) (ESCI)

National Journals:

Published - 12

1. Rakesh Kumar, **P.K. Mehta**, and Madhusudan P., "Bond Strength of Synthetic fibre Reinforced Concrete", *Journal of Civil Engineering and Construction Review*, Vol 21, No. 12, , pp. 110-116, 2008.
2. Rakesh Kumar, **P.K. Mehta**, and Madhusudan P., "Bond Strength of Steel fibre Reinforced Concrete", *Journal of Civil Engineering and Construction Review*, Vol 22, No. 10, pp. 46-53, 2009.
3. S.T.Rushad, Y Prasad, S. K. Duggal and **P.K. Mehta**, "Rat Trap Bond Vis-à-vis Conventional Wall", *NICMAR Journal of Construction Management*, Vol XXVI, No. II, pp. 31-40, 2011.
4. Vikas srivastava, Rakesh Kumar, V. C. Agarwal and **P.K. Mehta**, "Effect of Silica Fume and Metakaolin on Workability and Compressive Strength of Concrete", *NICMAR Journal of Construction Management*, Vol XXVI, No. IV, pp. 19-27, 2011.
5. **P.K. Mehta** and Vikas Srivastava, "Fly Ash Utilization in Construction Industry – A Step Towards Greener Environment", *NICMAR Journal of Construction Management*, Vol XXVI, No. IV, pp. 36-44, 2011.
6. Navin Kumar Chaudhary, S. K. Duggal, **P.K. Mehta** and Sheo Gopal' "Continuous Vs Integral Bridges – Primary and Secondary Effects", *Journal of Structural Engineering*, CSIR-SERC, Vol 39, No 1, pp.146-151, 2012. (*Scopus Indexed*)
7. Syed Tabin Rushad, Y. Prasad, S. K. Duggal, and **P.K. Mehta**, "Rat Trap Bond-Strength & Cost Aspects" *Journal of Civil Engineering & Construction Review*, Vol. 26, No.19, pp. 92-94, Jan, 2013.
8. Alvin Harison, Vikas Srivastava and **P.K. Mehta**, "Utility and Design of Pre Engineered Structures", *Seminar on State-of-the-Art Building Technology*, Organised by Indian Building Congress, April 26-28, Patna, *Journal of Indian Building Congress*, Vol. Twenty, No. Two, pp. 93-96, 2013.
9. Shachi Jain and **P.K. Mehta**, "Number of Spans of Pre-Stressed Concrete Bridge Decks: A Parametric Study", *JUET Research Journal of Science and Technology*, Narosa publication, Vol.3, No.1, pp.27-37, 2016. ISSN-2321-6026.
10. Vikas Srivastava, Rakesh Kumar, V.C. Agarwal and **P.K. Mehta**, "Metakaolin Inclusion- Effect on Workability and Compressive Strength", *The Indian Journal of Technical Education*, Vol.39, No.2, pp.50-55, April-June, 2016. ISSN-0971-3034.
11. Gorai, Amit Kumar, Sharma, Lalit Kumar, Pal, P., Mehta, P.K.," Effect of Partial Fixity on Negative Bending Moments in RCC Frames", *Journal of Structural Engineering and Management*, Vol. 4, pp.73-80, 2017.
12. Preeti Agarwal, Priyaranjan Pal, **Pradeep Kumar Mehta**, "Finite element analysis of skew box-girder bridges under IRC-A loading", *Journal of Structural Engineering (Madras)*, Vol. 47(3), pp. 243-258, Aug-Sept, 2020. (*Scopus Indexed*)

International conference/seminar/symposium:

Published - 49

1. Agrawal, T.P. and **Mehta, P.K.**," Flyash Concrete Hollow Blocks", *Proc., Int. Symp. on Innovative world of Concrete (ICI-IWC-93)*, pp. IV 3-199-208, Bangalore, 1993.
2. Agrawal, T.P. and **Mehta, P.K.**," Cable Stayed Bridges - A Mathematical Modelling", *Proc., Int. Seminar on Civil Engg. Practices in Twenty first Century*, pp. 318-326, Roorkee, 1996.

3. Agrawal, T.P. and **Mehta, P.K.**, " Flyash - Pollution and Structural Aspects", Proc., 5th NCB Int. Seminar on Cement and Building Materials, Vol. 4, pp. XIV - 46-52, New Delhi , 1996.
4. Agrawal, T.P. and **Mehta, P.K.**, " Flyash Concrete - A Special Reference to Permeability", Sixth NCB Int. Seminar on Cement and Building Materials, New Delhi, 24-27 November, 1998.
5. Agrawal, T.P., Sinha, A.N. and **Mehta, P.K.**, " Flyash Concrete Roof Arch Panels ", Int. Symp. on Science & Tech. in the New Millennium, Calcutta, January 12- 15, 2000.
6. Rakesh Kumar, **P.K. Mehta** and Madhusudan P., " Bond Strength of Steel fibre Reinforced Concrete", Int. Conference on Recent Development in Structural Engg. (RDSE-2007), Manipal Institute of Technology, Manipal, (India), Aug 30-31 and Sept 01, 2007.
7. **P.K. Mehta**, Rakesh Kumar, and Madhusudan P., " Bond Strength of Synthetic fibre Reinforced Concrete", Int. Conference on Recent Development in Structural Engg. (RDSE-2007), Manipal Institute of Technology, Manipal, (India), Aug 30-31 and Sept 01, 2007.
8. Navin K Choudhary, S. K. Duggal, **P.K. Mehta**, and Sheo Gopal, "Continuous Vs Integral Bridge-Primary And Secondary Effects", The Seventh Structural Engineering Convention (SEC-2010), Department of Civil and Structural Engineering, Annamalai University, Annamalai Nagar, Tamilnadu (India), pp. 1316-1323, 08-10 December, 2010.
9. Rakesh Kumar, **P.K. Mehta**, Awadhesh Sharma, Ashish and Avneesh Kumar, "Correlation between Non-Destructive Strength and Destructive Strength of Stone Dust Concrete Struts at Different Load Concentration Ratios", International Conference on Recent Trends & Challenges in Civil Engineering (RTCCE-2014), Department of Civil Engineering, MNNIT, Allahabad, pp. 33, December 12-14, 2014.
10. Rakesh Kumar, **P.K. Mehta**, Avneesh Kumar, Ashish and Awadhesh Sharma, "Compression Dispersion Efficiency of Concrete Struts at Different Load Concentration Ratios using Stone Dust as a Partial Replacement of Fine Aggregate", International Conference on Recent Trends & Challenges in Civil Engineering (RTCCE-2014), Department of Civil Engineering, MNNIT, Allahabad, pp. 32, December 12-14, 2014.
11. Rakesh Kumar, **P.K. Mehta**, Ashish, Awadhesh Sharma, and Avneesh kumar, "Correlation between Non-Destructive Strength and Destructive Strength of Recycled aggregate Concrete Struts at Different Load Concentration Ratios", International Conference on Recent Trends & Challenges in Civil Engineering (RTCCE-2014), Department of Civil Engineering, MNNIT, Allahabad, pp. 32, December 12-14, 2014.
12. Ankit Kumar, Vikas Srivastava, Rakesh Kumar and **P.K. Mehta**, "Utilization of Waste Polythene Bags in Concrete - An Experimental Investigation", International Conference on Recent Trends & Challenges in Civil Engineering (RTCCE-2014), Department of Civil Engineering, MNNIT, Allahabad, pp. 34, December 12-14, 2014.
13. Vikas Srivastava, V. C. Agarwal, Rakesh Kumar and **P.K. Mehta**, "Effect of Silica Fume and Metakaolin combination on Compressive Strength of Concrete in Aggressive Environment", International Conference on Recent Trends & Challenges in Civil Engineering (RTCCE-2014), Department of Civil Engineering, MNNIT, Allahabad, pp.34, December 12-14, 2014.
14. Awasthi Jitendra, Ghosh, G. and **Mehta, P.K.**, "Pushover Analysis of an RC Bridge", International Conference on Innovative Trends in Science, Engineering and Management (ICITSEM-2016), International Conference Centre YMCA, New Delhi, pp.322-331, May 27, 2016.
15. Atul, **P.K. Mehta**, Satyendranath and Vikas Srivastava, " Use of Fly Ash as Supplementary Fine Aggregate in PPC Concrete", International Conference on Emerging Trends in Civil Engineering (ICETCE-16), Dept. of Civil Engineering, KNIT, Sultanpur (UP), pp. 39-41, Oct 21-22, 2016.
16. Deep Tripathi, Rakesh Kumar and **P.K. Mehta**, "Performance Improvement of Self Compacting Concrete: A Review", Proceedings International UKIERI Concrete Congress, NIT, Jalandhar (Punjab), pp. 84, March 5-8, 2019. (ISBN: 978-93-5351-262-0) (Online)

17. Preeti Agarwal, P. Pal and **P.K. Mehta**, “ Analysis of RC Skew Box-Girder Bridges”, International Conference on Contemporary Engineering and Technology, Dept. of Information Technology, Inderprastha Engineering College, Ghaziabad (UP), pp. 4, April 27-28, 2019. ISBN:978-93-81288-18-4
18. Deep Tripathi, Rakesh Kumar, **P.K. Mehta**, Amrendra Singh “Durability of Self Compacting Concrete in Acidic Environment in cooperation with Mineral Admixtures”, International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD-2019), NIT, Warangal, pp. 111-112, September 13-15, 2019. (ISBN: 978-93-89354-46-1)
19. Amrendra Singh, Rakesh Kumar, **P.K. Mehta**, Deep Tripathi “Durability of Rice Husk Ash Concrete in Acidic Environment”, International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD-2019), NIT, Warangal, pp. 113-114, September 13-15, 2019. (ISBN: 978-93-89354-46-1)
20. Preeti Agarwal, P. Pal and **P.K. Mehta**, “Analysis of Isotropic and Orthotropic Sandwich Bridge Decks”, Springer International Conference on Recent Trends and Innovations in Civil Engineering, Dept. of Civil Engineering, Medi-Caps University, Indore (MP), pp. 33, September 26-28, 2019.
21. Deep Tripathi, Rakesh Kumar, **P. K. Mehta** and Amrendra Singh, “Sulphate Resistance of Fly Ash and M-sand Mixed Self Compacting Concrete”, International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2020), Dept of Chemical Engineering, NIT Jalandhar, pp. 42-43, February 13-14, 2020.
22. Amrendra Singh, Rakesh Kumar, **P. K. Mehta** and Deep Tripathi, “Self Compacting Concrete Incorporating Binary Admixtures”, International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2020), Dept of Chemical Engineering, NIT Jalandhar, pp. 67, February 13-14, 2020.
23. Anjali Singh, **P.K. Mehta**, Rakesh Kumar and Abhishek Rajput “Optimum Dose of Fly Ash in Self Compacting Concrete” International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2020)”, Department of Chemical Engineering, NIT Jalandhar, India, Paper ID-A640, pp. 124-125. February 13-14, 2020.
24. Deep Tripathi, Rakesh Kumar, **P. K. Mehta** and Vishal Rawat , “An Experimental Study on the Properties of SCC with Manufactured Sand” International Conference on Energy and Environmental Technologies for Sustainable Development (CHEM-CONFLUX 20), Dept of Chemical Engineering, MNNIT Allahabad, pp. 147, February 14-16, 2020.
25. Anjali Singh, **P. K. Mehta** and Rakesh Kumar, “Use of Recycled Coarse Aggregate in Self Compacting Concrete” International Conference on Energy and Environmental Technologies for Sustainable Development (CHEM-CONFLUX 20), Dept of Chemical Engineering, Paper ID-101, MNNIT Allahabad, pp. 146, February 14-16, 2020.
26. Deep Tripathi, Rakesh Kumar, **P. K. Mehta** and Amrendra Singh, “Performance of Self Compacting Concrete with Binary Admixture in Sulphate Environment” Second ASCE India Conference on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies” (CRSIDE2020), Kolkata, Vol-1, pp. 222, March 02-04, 2020. (ISBN : 978-93-5396-500-6)
27. Amrendra Singh, Rakesh Kumar, **P. K. Mehta** and Deep Tripathi, “Mechanical Properties of Self Compacting Concrete Incorporating Fly Ash and Rice Husk Ash” Second ASCE India Conference on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies” (CRSIDE2020), Kolkata, Vol- 1, pp. 221, March 02-04, 2020. (ISBN : 978-93-5396-500-6)
28. Jitendra Awasthi, Goutam Ghosh and **Pradeep Kumar Mehta**, “Seismic Performance of a Curved Bridge with Soil Amplification Effect” Second ASCE India Conference on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies” (CRSIDE2020), Kolkata, Vol- 1, pp. 355, March 02-04, 2020. (ISBN : 978-93-5396-500-6)
29. Deep Tripathi, Rakesh Kumar, **P. K. Mehta** and Amrendra Singh, “Silica Fume Mixed Concrete in Acidic Environment” International Conference on Advanced Light-weight Materials and Structures (ICALMS-2K20), CMR Technical Campus, Hyderabad, pp. 68, March 06-07, 2020. (ISBN: 9788192705125)

30. Amrendra Singh, Rakesh Kumar, **P. K. Mehta** and Deep Tripathi, "Effect of Nitric Acid on Rice Husk Ash Steel Fiber Reinforced Concrete" International Conference on Advanced Light-weight Materials and Structures (ICALMS-2K20), CMR Technical Campus, Hyderabad, pp. 67, March 06-07, 2020. (ISBN: 9788192705125)
31. Preeti Agarwal, P. Pal and **P.K. Mehta**, "Skew Effect on Box Girder Bridge", 3rd International Conference on Trends and Recent Advances in Civil Engineering, Amity School of Engineering & Technology, Amity University, Noida (UP), August 20-21, 2020.
32. Amrendra Singh, Rakesh Kumar, P. K. Mehta, Deep Tripathi "Properties of Binary Admixture Mixed SCC Exposed to Sulphate Environment" Virtual International Conference on Sustainable Building Material and Construction (ICSBMC-2021), SVNIT Surat, pp.203, February 4-6, 2021.
33. Deep Tripathi, Rakesh Kumar, P. K. Mehta, Amrendra Singh "Use of Mineral Admixtures and M-sand for Sustainable Concrete" Virtual International Conference on Sustainable Building Materials and Construction (ICSBMC-2021), NIT Surat, pp. 202, February 04-06, 2021. Paper ID- (ICSBMC-174).
34. Anjali Singh, P. K. Mehta, Rakesh Kumar "Properties of Binary Admixture and Recycled Coarse Aggregate Mixed Self Compacting Concrete" Virtual International Conference on Sustainable Building Material and Construction (ICSBMC-2021), SVNIT Surat, pp.194, February 4-6, 2021.
35. Amrendra Singh, Rakesh Kumar, P. K. Mehta, Deep Tripathi "Performance of Dual Admixture Mixed Self Compacting Concrete Exposed to Sulphate Environment" International Conference on "Novel Engineering Materials for Biomedical, Energy, Environment, Sensing and other Applications" (ICON-BEES'21), NIT Tiruchirappalli, pp. 135, March 11-13, 2021.
36. Deep Tripathi, Rakesh Kumar, P. K. Mehta, Amrendra Singh "Evaluation of A Sustainable Self Compacting Concrete Using Destructive and Non-Destructive Testing" International Conference on Novel Materials for Biomedical, Energy, Environment, Sensing and Other Applications (ICON-BEES-2021), NIT Tiruchirappalli, pp. 82, March 11-13, 2021.
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