

PAPERS:

International/National Journals:

1. Pradeep Kumar, Shalinee Shukla (2023), "Utilization of steel slag waste as construction material: A review", *Materials Today Proceedings*, Elsevier (Scopus), ISSN:22147853, Vol. 78 (1) Page No. 145-152.
2. Pradeep Kumar, Shalinee Shukla (2022), "Ferrochrome Slag Aggregate as a Sustainable Pavement Construction Material: A Review", *Indian Journal of Environmental Protection* (Scopus), ISSN: 0253-7141, Vol. 42 Issue. 13.
3. Pradeep Kumar, Shalinee Shukla (2022), "Flexible pavement construction using different waste materials: A review", *Materials Today Proceedings*, Elsevier (Scopus), ISSN:22147853, Vol. 65(2) Page No. 1697-1702.
4. Shivani Shukla, Shalinee Shukla, Ayush Mittal and Tanu Singh (2022), "A review on use of coir fibre in road construction", *Materials Today Proceedings*, Elsevier (Scopus), ISSN:22147853, Vol. 65 (2) Page No. 1839-1845.
5. Priyanka Mishra, Shalinee Shukla and Ayush Mittal (2022), "Stabilization of subgrade with expansive soil using agricultural and industrial By products: A review", *Materials Today Proceedings*, Elsevier (Scopus), ISSN:22147853, Vol. 65(2) Page No. 1418-1424.
6. Shalinee Shukla and Ayush Mittal (2022), "Effect of Jute Fibre Reinforcement on Strength, Thickness and Cost of Low volume Rural Roads", *Materials Today Proceedings*, Elsevier (Scopus), ISSN:22147853, Vol. 62 (12) Page No. 6749-6754.
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8. Ayush Mittal and Shalinee Shukla (2020), "Effect of Random Inclusion of Kenaf Fibres on Strength Behaviour of Poor Subgrade Soils", *Jordan Journal of Civil Engineering*, Vol. 14, No.1. pp. 43-56
9. Ayush Mittal and **Shalinee Shukla** (2019), "Effect of Geosynthetic Reinforcement on Strength Behaviour of Weak Subgrade Soil", *Materials Science Forum*, Vol. 969, pp 225-230, ISSN: 0255-5476, [doi:10.4028/www.scientific.net/MSF.969.225](https://doi.org/10.4028/www.scientific.net/MSF.969.225), Trans Tech Publications Ltd, Switzerland.
10. Ayush Mittal and **Shalinee Shukla** (2019), "Remediation Technologies - A Comparative Study", *Materials Science Forum*, Vol. 969, pp 697-702, ISSN: 0255-5476, [doi:10.4028/www.scientific.net/MSF.969.697](https://doi.org/10.4028/www.scientific.net/MSF.969.697), Trans Tech Publications Ltd, Switzerland.
11. Ayush Mittal and **Shalinee Shukla** (2019), "Strength Improvement of Poor Subgrade Soil Reinforced with Polyester Biaxial Geogrid", *Jordan Journal of Civil Engineering*, Vol.13, No.2, pp 214-225, April 2019.
12. Ayush Mittal and **Shalinee Shukla**(2018), "Influence of Geotextile and Geogrid Reinforcement on Strength Behaviour of Soft Silty Soil", *Applied Mechanics and Materials*, Vol. 877, February 2018, pp. 264-269, <https://doi.org/10.4028/www.scientific.net/AMM.877.264>.
13. P. Pal, **S. Shukla** and A.K. Ranjan (2017), "Performance of pervious concrete with recycled concrete aggregate", *The Indian Concrete Journal* January 2017, Vol.91 (1), Pages 86-92, ISSN 00194565.
14. **Shalinee Shukla** and Hina Zia (2016), "Energy Efficiency in India: Policies and Their Impacts", *Energy Sources, Part B: Economics, Planning and Policy*, Taylor & Francis, Volume 11, 2016 - [Issue 10](https://doi.org/10.1080/15567249.2013.799245), Pages 982-989 | Published online: 07 Dec 2016 <https://doi.org/10.1080/15567249.2013.799245>. [Impact Factor-0.976](https://doi.org/10.1080/15567249.2013.799245).
15. Rishi Srivastava, **Shalinee Shukla**, R.P. Tiwari and Ayush Mittal(2016) "Effect of Woven Polyester Geotextile on the Strength of Black Cotton Soil", *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol. 5, Issue 7, July 2016, pp. 12402-12408. DOI:10.15680/IJIRSET.2016.0507048

16. **Shalinee Shukla** and Satish Chandra (2012) "Overtaking Behavior on Divided Highways Under Mixed Traffic Conditions", Procedia - Social and Behavioral Sciences, Elsevier, Vol. 43, pp. 313-322. ISSN: 1877-0428.
17. **Shalinee Shukla** and Satish Chandra (2011), "Simulation of mixed traffic flow on Four Lane Divided Highways", Indian Highways, Journal of Indian Roads Congress, 72(1), pp. 55-71.
18. **Shalinee Shukla** and Satish Chandra (2010) "Placement characteristic of Mixed Traffic on Four Lane Divided Highways", Indian Highways, Journal of Indian Roads Congress, 38(8), pp. 43-52.
19. **Shalinee Shukla**, H. Zia and V. Devadas (2008) "Assessing informal waste recycling in Kanpur City, India", Management of Environmental Quality: An International Journal, ISSN: 1477-7835, 19(5), pp. 597-612.
20. Satish Chandra, Tanuja Srivastava, **Shalinee Shukla** and Satya Narayan (2006), "Modeling of vehicle arrivals at uncontrolled intersections", HRB – 74, Indian Roads Congress, New Delhi, pp. 97 – 103. September, 2006

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22. Priyanka Mishra, Shalinee Shukla and Ayush Mittal, " Stabilization of subgrade with expansive soil using agricultural and industrial By-products: A review", International conference on Advances in Construction Materials and Structures (ICCMS-2021), 14th - 19th December 2021, China (Virtual Mode).
23. Pradeep Kumar and **Shalinee Shukla**, "Flexible pavement construction using different waste materials: A Review", International conference on Advances in Construction Materials and Structures (ICCMS-2021), 14th - 19th December 2021, China (Virtual Mode).
24. Pradeep Kumar and **Shalinee Shukla**, "Utilization of steel slag waste as construction material: A Review", Chem-Conflux22: International Conference on Technological Interventions for Sustainability MNNIT Allahabad Prayagraj, India, April 14-16, 2022.
25. Shalinee Shukla and Ayush Mittal, " Effect of Jute Fibre Reinforcement on Strength, Thickness and Cost of Low volume Rural Roads", : International Conference on Advances in Materials, Mechanics, Mechatronics & Manufacturing (IC4M-2022), 09th – 10th April 2022, India (Virtual Mode).
26. Shivani Shukla, Shalinee Shukla, Ayush Mittal and Tanu Singh, "Review on Use of Coir Fibre in Road Construction", International conference on Advances in Construction Materials and Structures (ICCMS-2021), 14th - 19th December 2021, China (Virtual Mode).
27. A. Suresh and **Shalinee Shukla**, "Improving stability of bituminous concrete mixes by replacing cement with waste glass powder as mineral filler", 2nd ASCE Conference in India on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE2020) Kolkata, India, March 02-04, 2020.
28. Pradeep Kumar and **Shalinee Shukla**, "Reclaiming Properties of Bituminous Concrete Pavements using Cold Mix Design Technology", 2nd ASCE Conference in India on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE2020) Kolkata, India, March 02-04, 2020.

29. Ayush Mittal and **Shalinee Shukla**, “Soil stabilization using natural geotextile: A review”, 2nd ASCE Conference in India on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE2020) Kolkata, India, March 02-04, 2020.
30. Ayush Mittal, **Shalinee Shukla**, Abhishek Pratap Singh, Sumit Rawat, Vedansh Singh Chandel and Rahul Kumar Pal, “Stabilization of Black Cotton Soil Using Pet Bottles Scrap”, 3rd International Conference on Innovative Technologies for Clean and Sustainable Development (ITCSD2020) Chandigarh, India, February 19–21, 2020.
31. Ayush Mittal, **Shalinee Shukla**, Shivam Verma, Sandeep Kumar and Vishal “Stabilization of Weak Subgrade Soil Using Waste Paper Sludge Ash”, 3rd International Conference on Innovative Technologies for Clean and Sustainable Development (ITCSD2020) Chandigarh, India, February 19–21, 2020.
32. **Shalinee Shukla**, Ayush Mittal, R.P. Tiwari, and Kshma Gupta, “Application of Non-Woven Polyester Geotextile for Soil Improvement in Pavements.” Indian Geotechnical Conference (GeoINDUS), December 19-21, 2019, SVNIT, Surat, Gujarat India.
33. Sunit kumar, **Shalinee Shukla**, Ayush Mittal, “Improvement in soil subgrade using natural fibre (kenaf and coir fibre)”, Indian Geotechnical Conference (GeoINDUS), December 19-21, 2019, SVNIT, Surat, Gujarat India.
34. Ayush Mittal, **Shalinee Shukla**, and Sonu Verma, “Review on Suitability of Rice Husk Ash as Soil Stabilizer”, Indian Geotechnical Conference (GeoINDUS), December 19-21, 2019, SVNIT, Surat, Gujarat India.
35. Ayush Mittal and **Shalinee Shukla**, “Soil Subgrade Stabilization Using Non-Woven Polypropylene Geotextile”, International Conference On Recent Trends And Innovations In Civil Engineering (ICRTICE-2019), September 26-28, 2019, Department of Civil Engineering Medi-Caps University, Indore ICRTICE-2019.
36. Ayush Mittal and **Shalinee Shukla**, “Effect of Geosynthetic Reinforcement on Strength Behaviour of Weak Subgrade Soil”, International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMMT-2018), 19-20 November 2018, MLRITM Hyderabad, India.
37. Ayush Mittal and **Shalinee Shukla**, “Remediation Technologies – A Comparative Study”, International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMMT-2018), 19-20 November 2018, MLRITM Hyderabad, India.
38. **Shalinee Shukla**, R.P. Tiwari, Vaishali Rajbhar and Ayush Mittal. “Use of Jute Geotextile in Strength Enhancement of Soft Subgrade Soil”, International Symposium on Geotechnics of Transportation Infrastructure (ISGTI – 2018), 07-08 April 2018, IIT Delhi, India, pp. 526-531.
39. Ayush Mittal, **Shalinee Shukla**, Ravi Prakash Gupta and Nitesh Kumar Yadav. “Jute Geotextile: An Overview”, National Conference on Road and Transport (NCORT – 2017), 14-15 October 2017, IIT Roorkee, India.
40. Ravi Prakash Gupta, **Shalinee Shukla**, Ayush Mittal and Nitesh Kumar Yadav. “Use of Waste Plastics in PMGSY Roads”, National Conference on Road and Transport (NCORT – 2017), 14-15 October 2017, IIT Roorkee, India.
41. Ayush Mittal and **Shalinee Shukla**. “Strength Improvement Of Weak Subgrade Soil Reinforced With Discrete Polypropylene Fibers”, 6th Indian Young Geotechnical Engineers Conference, 10-11 March 2017, NIT Triuchirappalli, India, pp. 260-264.

42. Ayush Mittal and **Shalinee Shukla**. “Effect of Non-Woven Geotextile on the Strength Behaviour of Weak Subgrade Soil”, Conference on Numerical Modeling in Geomechanics, 03-04 March 2017, IIT Roorkee, India, pp. 9-14.
43. Ayush Mittal and **Shalinee Shukla**. “Strength Improvement of Weak Subgrade Soil Reinforced with Geogrid”, International Geotechnical Engineering Conference on Sustainability in Geotechnical Engineering Practices and Related Urban Issues, 23-24 September 2016, IIT Bombay, Mumbai, India, pp. 1-3.
44. Rishi Srivastava, **Shalinee Shukla**, R.P. Tiwari and Ayush Mittal. “Effect of Nonwoven Synthetic Geotextile on CBR Value of Clayey Soil”, 10th International Symposium on Lowland Technology, 15-17 September 2016, NIT Surathkal, Mangalore, India, pp. 1-5.
45. Ayush Mittal and **Shalinee Shukla**. “Effect of Fiber Reinforcement on the Strength Behaviour of Poor Subgrade Soil”, National Conference on Fifteen Years of PMGSY (FYPMGSY), 6-7 August 2016, IIT Roorkee, India, pp. 1-5.
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48. **ShalineeShukla** and Satish Chandra. “Overtaking Behavior on Divided Highways Under Mixed Traffic Conditions”, Procedia - Social and Behavioral Sciences, The 8thInternational Conference on Traffic & Transportation Studies, 2012, Changsha, China, 1–3 August 2012, Vol.43 (313 – 322) ISSN: 1877-0428
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50. ManoranjanParida, S. S. Jain, **Shalinee Shukla**, and Ajay Kumar Singh, ”Application of Artificial Neural Network for Traffic Noise Prediction”, Paper published in International Conference on Transportation Systems Planning and Operation TRANSP0-2004, held in Chennai, India, 18-20 Feb., 2004.

I. BOOK CHAPTERS:

- a. Book Title: **Geotechnics for Transportation Infrastructure pp 295-302**
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- b. Recent Trends in Civil Engineering Lecture Notes in Civil Engineering book series (LNCE, volume 77), Soil Subgrade Stabilization Using Non woven Polypropylene Geotextile, Shalinee Shukla and Ayush Mittal (2020). Online ISBN 978- 981-15- 5195-6.
- c. Lecture Notes in Civil Engineering book series (LNCE, volume 136) Proceedings of the Indian Geotechnical Conference 2019, Shalinee Shukla, Ayush Mittal and Sunit Kumar (2021). Online ISBN 978- 981-33- 6444-8.

- d. Lecture Notes in Civil Engineering book series (LNCE, volume 136) Proceedings of the Indian Geotechnical Conference 2019, Shalinee Shukla, Ayush Mittal, R.P. Tiwari and Kshma Gupta (2021). Online ISBN 978- 981-33- 6444-8
- e. Lecture Notes in Civil Engineering book series (LNCE, volume 136) Proceedings of the Indian Geotechnical Conference 2019, Shalinee Shukla, Ayush Mittal, and Sonu Verma (2021). Online ISBN 978- 981-33- 6444-8
