

**Dr. Vaneeta Devi**

**BOOK CHAPTER**

1. **Vaneeta Devi** and M.L. Sharma, (2018) “**Advances in Extraction of Signal from Ground Motion Time Histories using Time-Frequency Analysis**” In T. G. Sitharam, J. S. Vinod (Eds), *Recent Challenges and Advances in Geotechnical Earthquake Engineering*, (pp.1-30) DOI: 10.4018/978-1-5225-6948-0. Ch 001.

**PAPER PUBLISHED IN JOURNALS**

2. **Vaneeta Devi**, and A.K. Ahuja paper title “**Constructional Design Consideration for Long Span flexible Circular grid Roofs**”, IOSR Journal of mechanical and civil Engineering (IOSR-JMCE) vol 11 issued 2 ver.VII (Mar-Apr. 2014), pp 01-05.
3. Pooja Sati, **Vaneeta Devi** and Sunil Kumar “**Experimental Study of Vertical Deflection of Suspended Cables under Static Loads**” International Journal of Civil Engineering Research, Volume-5 Number 4, 2014 pp 315-322.
4. Sunil Rawat, Sunil Kumar and **Vaneeta Devi** “**Seismic Behaviour of Buildings on Slopes**” Journal of Emerging Technologies and Innovative Research (JETIR), December 2016, Volume 3, Issue 12 pp 716-723.
5. **Vaneeta Devi** and M.L. Sharma paper title “**Recent Spectral Decomposition Techniques and Its Applications in Analysis of Seismological Data: A Review**” published in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 1, January 2016, PP 213-220.
6. **Vaneeta Devi** and M.L. Sharma paper title “**Spectral Estimation of Noisy Seismogram using Time-Frequency Analyses**” published in International Journal of Geotechnical Earthquake Engineering, Volume 7, Issue 1, January-June 2016, pp 19-32
7. Sanjeev Suman, Pratul Raj, Subir Kumar Sharma, Sandeep Gupta, Sunil Kumar and **Vaneeta Devi**, “Slope Stability Analysis for Optimal Tree Density of Cedrus Deodar Tree in Kumaon Region of Uttarakhand State in India”, International Journal for Research Trends and Innovation ([www.ijrti.org](http://www.ijrti.org)), Volume 7, Issue 1 2021| ISSN: 2456-3315.
8. Sandeep Gupta, P K Garg, S K Ghosh, Dr Sanjeev Suman, Dr S K Sharma, Dr **Vaneeta Devi** and Dr Sunil Kumar, “Development of a Web GIS based Bridge Management System (BMS)”, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 10, Issue 1, January-2022, Impact Factor: 7.429, Available online at: [www.ijaresm.com](http://www.ijaresm.com)
9. Dr. Subir Kumar Sharma, Dr.Sanjeev Suman, Dr. Sandeep Gupta, Dr **Vaneeta Devi** and Dr. Sunil Kumar,”A Study of Model Landfill Liner Material Used for Solid

Waste Disposal for Low Hydraulic Conductivity”, International Journal of Advances in Engineering and Management (IJAEM), Volume 4, Issue 1, Jan 2022 pp: 1145-1150 www.ijaem.net ISSN: 2395-5252.

10. Subir Kumar Sharma, Amritesh Kumar, Sanjeev Suman, Sandeep Gupta, Vaneeta Devi, Sunil Kumar, “Analysis of Dynamic Response of a Single Concrete Pile Subjected to Static Vertical Load and Ground Acceleration Simultaneously”, Published in SSRG International Journal of Civil Engineering Volume 9 Issue 2, 58-65, February 2022, ISSN: 2348 – 8352 /doi:10.14445/23488352/IJCE-V9I2P106.
11. Vaneeta Devi, Deepak Chauhan, Neeraj Kumar Tiwari, Sunil Kumar, Subir Kumar Sharma, Sanjeev Suman, Sandeep Gupta, “Seismic Analysis of R-C Multi-Storey Building with Various Lateral Load Resisting Systems”, SSRG International Journal of Civil Engineering Volume 9 Issue 3, 30-36, March 2022 ISSN: 2348–8352/ <https://doi.org/10.14445/23488352/IJCE-V9I3P104> ©2022 Seventh Sense Research Group®.
12. Vaneeta Devi, Pranav Saraswat, Sunil Kumar, Subir Kumar Sharma, Sanjeev Suman and Sandeep Gupta, “**Effect of M Sand and Demolished Concrete Aggregates as a Replacement of Natural Fine Aggregates in Mix Design**”, in SSRG International Journal of Civil Engineering Volume 9 Issue 4, 15-19, April 2022 ISSN: 2348 – 8352 / <https://doi.org/10.14445/23488352/IJCE-V9I4P103>.

#### **PAPER PUBLISHED IN CONFERENCE/ SEMINAR / WORKSHOP**

1. **Devi Vaneeta** and Ahuja A.K. “**Behavior of Cable Roofs Under Static Loads**”, Proc. of National conference on Advances In Civil Engineering Perspectives Of Developing Countries (ACEDEC- 2003), at HBTI Kanpur, Feb. 15-16, 2003 pp 50-63.
2. **Devi Vaneeta** and Ahuja A.K., “**Typical Design Considerations for Construction of Long Span Flexible Roofs**”, Second International Conference on Construction in the 21<sup>st</sup> Century (CITC-II) at Hong Kong on December 10-12, 2003, pp 322-327.
3. **Devi Vaneeta**, Kumar Sunil, Kumar Virendra, “**Architectural Consideration for Earthquake Resistant Buildings**” Proceeding of National Workshop on “Appropriate Technology for Hills”, ATH-2008, G.B. Pant Uni. of Agril. & Tech., Pantnagar, Oct. 16-10, 2008 pp. 228-233.
4. Kumar Sunil, Kumar Virendra, **Devi Vaneeta**, “**Disaster Management –Challenges in Mountainous Regions**”, Proceeding of National Conference on Mass Instability and Earthquake Risk Management in Mountainous Regions: Challenges, Lessons Learnt and future strategy , June, 27-28, 2008, Dehradun, pp 23

5. Kumar Sunil, **Devi Vaneeta**, “*Review of Non-Destructive Techniques for Concrete Structures*”, Proceeding of Civil Engineering Conference-Innovation without Limits (CEC-2009) at N.I.T. Hamirpur, (H.P.) Sept. 18-19, 2009. pp.101-105
6. **Devi Vaneeta**, Kumar Sunil, “*Water Conservation Techniques for Scarcity Mitigation*” in National Seminar on Strategic Resource Management for Sustainable Food and Water Security (SRMSFWS-2011) Organized by G.B. Pant University of Agriculture & Technology Pantnagar - 263145 (Udham Singh Nagar), Uttarakhand In collaboration with Indian Society of Water Management (ISWAM), during June 13-15, 2011, Theme-II, pp II-3.
7. Kumar Sunil, **Devi Vaneeta**, “*Eco-Friendly and Sustainable Building Materials*” published in national conference organized by Civil Engineering Department on Recent Advancement in Civil Engineering & Infrastructure Development (RACE-InD-2011) at Jaypee Univesity of Engineering & Technology, Guna during 21-22 December 2011.
8. **Vaneeta Devi** and Sunil Kumar Paper titled “**Environmentally Sustainable Building Construction Materials**” published in all India seminar proceeding ‘*Emerging Technology for Sustainable Resource Management*’ organised by the *Institution of Engineering (India)*, Pantnagar Local Centre at College of Tech., G. B. Pant Uni. of Agrill. & Tech. Pantnagar Uttarakhand, March 13-14, 2014, page no 08-11.
9. Akshat Dimri, Jay Kumar and **Vaneeta Devi** Paper titled “**Industrial recycled waste and Utilization in Manufacturing of Sustainable Building Materials**” published in all India seminar proceeding ‘Emerging Technology for Sustainable Resource Management’ organised by the Institution of Engineering (India), Pantnagar Local Centre at College of Tech., G. B. Pant Uni. of Agrill. & Tech. Pantnagar Uttarakhand, March 13-14, 2014, page no 267-269.
10. Sunil Kumar and **Vaneeta Devi** paper title “**Climate change and its impacts: a review**” published in National seminar proceeding ‘Natural Resource Management & Environmental Concerns’ organised by G. B. Pant Uni. of Agrill. & Tech. Pantnagar Uttarakhand, May 16-18, 2014, pages no IV-251-254.
11. Sunil Kumar and **Vaneeta Devi** paper title “**Seismic Resistant Architecture: A Review**” published in National seminar proceeding ‘Advances in Engineering & Technology for Sustainable Development [AETSD-15]’ organised by IEI (PLC) & G. B. Pant Uni. of Agrill. & Tech. Pantnagar Uttarakhand, June 12-13, 2015, pp 270-276.
12. Sunil Kumar and **Vaneeta Devi** paper title “**Disaster Management in India: Review**” published in All India seminar proceeding ‘Advances in Technology to Mitigate the effect of Natural Hazard [ATMENH-17]’ organised by IEI (PLC) & G. B. Pant Uni. of Agrill. & Tech. Pantnagar Uttarakhand, March 2-3, 2017, pp 28-31.

13. **Devi Vaneeta, Kumar Sunil, Ahuja A.K., “Static Loads Analysis of Long Span Circular Cable Roofs”** published in International conference organized by Civil Engineering Department on Recent Advances in Construction Materials and Structures (ACMS-2018) at IIT Roorkee during 7-8 March 2018, A-333, pp 153-154.
14. Jaireena, Vaneeta Devi and Sunil Kumar, “COMPARATIVE STUDY OF CONVENTIONAL STEEL TRUSS PROFILES” Indian Structural Steel Conference (ISSC 2020) organized by 06-08 Jaunbury 2022, IIT Hyderabad, India, PP 941-951(Vol 1).