



Ms. Astha Verma,  
Assistant Professor

## **FIELD OF SPECIALIZATION**

## **PARTICIPATION IN REFRESHER COURSES/TRAINING**

- i. Attended a one week TEQIP-II short term course on “HIGH PERFORMANCE CONCRETE : PAST, PRESENT AND FUTURE” during 15<sup>th</sup>June to 19<sup>th</sup>June 2015, organized by Dr B R Ambedkar National Institute of Technology, Jalandhar (NIT Jalandhar), under the aegis of Technical Education Quality Improvement Programme (TEQIP-II).
- ii. Attended a two daysworkshop on “INNOVATION IN CONCRETE TECHNOLOGY” during 11<sup>th</sup>July to 12<sup>th</sup>July 2015, organized by The Institution of Engineers (India), Uttarakhand Centre, Saharanpur Road, Near ISBT, Dehradun.
- iii. Attended a two daysworkshop on “INNOVATIVE CONSTRUCTION MACHINERY, MATERIALS AND METHODS” during 26<sup>th</sup> to 27<sup>th</sup>October 2015 organized by Deptt. ofCivil Engineering, Indian Institute of Technology Roorkee, Roorkee.
- iv. Attended a five days TEQIP short term course on “ADVANCES IN STRUCTURAL ENGINEERING” during 20<sup>th</sup> to 24<sup>th</sup>Feburary, 2017 organized by Deptt. ofCivil Engineering, Indian Institute of Technology Roorkee, Roorkee.
- v. Attended a five daysTEQIP short term course on “STRUCTURAL ELEMENTS SUBJECTED TO EXTREME LOADINGS” during 20<sup>th</sup> to 24<sup>th</sup> March, 2017 organized by Deptt. ofCivil Engineering, Indian Institute of Technology Roorkee, Roorkee.
- vi. Attended a five days AICTE sponsored QIP short term course on “QUALITY IMPROVEMENT PROGRAMME CENTRE” during 17<sup>th</sup> to 21<sup>st</sup> July, 2017 organized by Deptt. ofCivil Engineering, Indian Institute of Technology Roorkee, Roorkee.

## **7. MEMBERSHIP OF PROFESSIONAL SOCIETIES**

Life time member of

1. Indian Society for Construction Materials and Structures (ISCMS)

## **LIST OF RESEARCH PAPER PUBLISHED**

1. **Verma, A.** and Ahuja, A.K., (2015), “Wind Pressure Distribution on Domical Roofs”, International Journal of Engineering and Applied Sciences (IJEAS), ISSN: 2394-3661, Vol. 2, Issue 5, May 2015.
2. **Verma, A.** and Ahuja, A.K., (2015), “Wind Pressure Distribution on Rectangular Plan Buildings with Multiple Domes”, International Journal of Engineering and Technical Research (IJETR), ISSN: 2321-0869(O) 2454-4698(P), Vol. 3, Issue 7, July 2015.
3. **Verma, A.** and Ahuja, A.K., (2015), “Wind Pressure Distribution on Low-Rise Buildings with Cylindrical Roofs”, (ISEC-8), Implementing Innovative Ideas in Structural Engineering and Project Management, ISBN: 978-0-9960437-1-7, Sydney (Australia).
4. **Verma, A.** (2017), “Wind Pressure Distribution on Multi-span Low-Rise Buildings with Hip Roof”, All India Seminar on Advances in Technology to Mitigate the Effect of Natural Hazards (ATMENH-2017), 2-3 March, 2017, Pantnagar Local Centre.
5. **Verma, A.** and Ahuja, A.K., (2017), “Wind Pressure Distribution on North-Light Industrial Building Roof”, 9th Biennial International Structural Engineering and Construction Conference (ISEC-9), Valencia, Spain, July 24-29, 2017.
6. **Verma, A.** and Ahuja, A.K., (2018), “Wind Pressure Distribution on Low-rise Buildings with Domical Roofs with L-shapes” International Conference on Advances in Construction Materials and Structures (ACMS-2018) organized on 7-8 March, 2018 at IIT Roorkee, Roorkee (Uttarkhand)