


Faculty Profile

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| Name | Poonam | | |  |
| Designation | Assitant Professor | | | |
| Pay Scale | 77500 (Level 10, Cell-11) | | | |
| Department | Civil Engineering | | | |
| Qualification | B. Tech. M. Tech. , Persuing PhD | | | |
| Date of joining | Institute CCET(Degree Wing) | Present Post Assitant Professor | | |
| Experience (<i>in years</i>) | Total 19 | Teaching 19 | Industry - | |
| Research Interests | Earthquake Resistant Design of Structures, Irregular Structures, Rehabilitataion of Structures, | | | |
| Contact Details: | Email poonam@ccet.ac.in | Mobile/Phone 8968399719 | | |
| Research Publications | International Journals | National Journals | International Conferences | National Conferences |
| | 6 | 6 | 6 | 3 |
| Books/Chapters Published | <p>Two Books :</p> <ol style="list-style-type: none"> 1. Effect of Variation in Damping of Bearings of Base-Isolated Buildings, ISBN 978-3-659 00240-3, 2012, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany. 2. 2. Engineering Mechanics: Statics and Dynamics, McGraw Hill Education, New Delhi, ISBN: 9339219171, 978-9339219178, 1st Ed. 2015. Also available as Kindle Edition and Google e Book | | | |
| Research Guidance | Ph. D. | - | Masters | 7 |
| Research Projects | Completed | - | Inprogress | - |
| Consultancy Projects | Completed | - | Inprogress | - |
| Seminar/Conference/STTPs | Attended | 8 | Organized | 4 |
| Professional Affiliations | <ol style="list-style-type: none"> 1. Life member of Indian Institution of Bridge Engineers (IIBE) 2. Life member of Indian Society for Technical Education (ISTE) 3. Life member of Indian Geotechnical Society (IGS), LM-3287 4. Life member of International Association of Protective Structures (IAPS) | | | |
| Awards/ Fellowships etc. | Awarded "Best M.Tech. Thesis" – a national award from Indian Society for Technical Education (ISTE) in 2005 –First Prize | | | |

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| List of Publications | <p>JOURNALS:</p> <ol style="list-style-type: none"> 1. Pranay Ranjan and Poonam Dhiman (2016), "Retrofitting of Columns of an Existing Building by RC, FRP and SFRC Jacketing Techniques", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320–334X, pp. 40-46, doi: 10.9790/1684 15010010140-46. 2. Ajay Singh Gulshan and Poonam Dhiman (2016), "Response Spectrum Analysis of Response of Building with Setbacks", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320–334X, pp. 1-7, doi: 10.9790/1684-15010010101-07 3. Nikita Gupta, Aditya Tiwary, Poonam, Ashok Kumar Gupta (2015). Advanced Retrofitting Techniques for Reinforced concrete Buildings. Journal of Civil Engineering and Environmental Technology, 2 (7), 587-592 4. 5. 6. 7. 8. 9. 4. Nikita Gupta, Poonam, Ashok Kumar Gupta (2015), "Retrofitting of an Existing Residential Building by Using Shear Wall", Journal of Civil Engineering and Environmental Technology, 2(7), 582-586 5. Nikita Gupta, Poonam Dhiman, Anil Dhiman (2015), "Design and Detailing of RC Jacketing for Concrete Columns", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X. pp. 54-58. 6. Anshul Sud, Raghav Singh Shekhawat, Poonam Dhiman, "Best Placement of Shear Walls In an RCC Space Frame Based on Seismic Response", International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, pp. 35-38. 7. Anil Kumar, Poonam, Ashok Kumar Gupta (2014), "Experimental Investigation of Influence of Micro Silica on High Strength Concrete Properties", International Journal of Engineering Research and Applications, (Special Issue), 45-49, IJERA, ISSN: 2248-9622. 8. Anil Kumar, Poonam, Ashok Kumar Gupta (2014), "Some Aspects of Sustainable Buildings for Hilly Regions", International Journal of Scientific & Engineering Research, 5 (5), 173-178. 9. Anil Kumar, Poonam, Ashok Kumar Gupta (2014), "Effect of Effect of Damping on Shock Spectra of Impulse Loads", International Journal of Scientific & Engineering Research, 5 (5), 78-85. 10. 10. Poonam, Anil Kumar, A K Gupta (2012), "Study of Response of Structurally Irregular Building Frames to Seismic Excitations", International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development – IJCSEIERD, (ISSN: 2249-6866), Vol. 2, Issue 2 (2012), pp.25-31. 4 11. Poonam, Anil Kumar, S. Setia, Sehgal V.K., (2009) "Effect of Variation in Damping of Bearings for Base isolated Buildings", ICFAI Journal of Structural Engineering, April 2009, Vol. II (2), pp. 19-34, April 2009. 12. Anil Kumar, Poonam, Saini B, Sehgal V K, (2007) "Active Vibration Control of Structures Against Earthquakes Using Modern Control Theory", Asian Journal of Civil Engineering, Iran, Vol. 8, No. 3, pp. 265-281. |
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| | <p>CONFERENCES:</p> <p>13. Nikita Gupta, Gagan Suman Sharma, Poonam Dhiman, "A case Study of Seismic Performance of Buildings Located at Waknaghat and Kandaghat, Solan, H.P.", Proc. of Civil Engineering Systems and Sustainable Innovations, ISBN: 978-93-83083-78-7, JNU, New Delhi, April 26, 2014, Vol. 3, pp. 184-190.</p> <p>14. Anil Kumar, Poonam, V K Sehgal, (2011) "Effectiveness of Semi-active Control of Buildings Using LQG Controller against Seismic Excitations", Proceedings of National Conference on Recent Advancements in Civil Engineering & Infrastructural Developments (RACE-InD 2011), 21-22 December, 2011, Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna, MP, India.</p> <p>15. Poonam, Anil Kumar, A.K. Gupta, (2011) "Analytical Study of Dynamic Response of Building Frames with Structural Irregularities", Proceedings of National Conference on Recent Advancements in Civil Engineering & Infrastructural Developments (RACE-InD 2011), 21-22 December, 2011, Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna, MP, India.</p> <p>16. Anil Kumar, Poonam, Sehgal V.K., (2010) "Hybrid Control of Tall Buildings against Ground Excitations Using H-infinity Control Approach", Proceedings of the 79th SEAOC-International Convention of Structural Engineers, Palm Springs, California, USA, 22-25 Sept, 2010.</p> <p>17. Anil Kumar, Poonam, Sehgal, V.K. (2010), "Hybrid Control of High Rise Buildings against Earthquakes using Quadratic Optimal Approach", Proc. of 9th International Conference on High Rise Towers and Tall Buildings (HTTB-2010), Technical University, Munich, Germany, pp. April 13-17, 2010.</p> <p>18. Anil Kumar, Poonam, Saini B, Sehgal V K, (2007) "Active Vibration Control of Buildings Against Earthquakes Using Quadratic Optimal Approach", Proceedings of 76th SEAOC Convention, Structural Engineers Association of California, USA, 2007.</p> <p>19. Poonam, Anil Kumar, Setia S, Sehgal V K, (2007) "Response of Base-Isolated Buildings with Change in Damping of Bearings against Ground Motion", Proceedings of 76th SEAOC Convention, Structural Engineers Association of California, USA.</p> <p>20. Anil Kumar, Poonam, Saini B, Sehgal V K, (2007) "Active Vibration Control of Buildings against Earthquakes", Proceedings of AICTE sponsored National Conference on Advances in Civil Engineering, M M Engineering College, Mullana, Ambala, March-2007.</p> <p>21. Poonam, Anil Kumar, Setia S, Vasani R M, (2007) "Base-Isolation: Mechanisms and Practice", Proceedings of AICTE sponsored National Conference on Advances in Civil Engineering, M M Engineering College, Mullana, Ambala, March-2007.</p> |
| Research Project Detail | None |

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| Patent Detail | None |
| Consultancy | None |
| Ph.D Scholars Name | NA |
| Institute Responsibility | BIS Stabdards Club –Faculty Mentor IIC –Internship coordinator NISP -Member AICTE 360 Degree Feedback- Department Representative Apratim –Jury and organising committee member IPD –Organising Member Anti ragging – Anti ragging squad member Sport meet- Jury member Fcaulty Menor for first year students |
| Department Responsibility | Class Incharge 2021 batch Departmental library incharge Faculty incharge GIS lab Computational Incharge |
| Any Other Information | NONE |



Signature of faculty