

PROFILE: ER. SUNITA

1. **Name:** Er. Sunita
2. **Designation:** Assistant Professor (Stage I)
3. **Department:** Department of Civil Engineering, Punjabi University
4. **Address:** Department of Civil Engineering, Punjabi University
Patiala, Punjab- 147002
Phone: +91 9779182208
5. **Date of Birth:** 11-11-1990
6. **Specialisation:** Water Resources Engineering
7. **Email id:** saini.neet@gmail.com
sunita.ce@pbi.ac.in



8. Academic Qualification (Matric onwards):

Examinations	Name of Board / University	Year Of Passing	Division/ Grade
Matric	CBSE	2006	First
10+2	CBSE	2008	First
BE (Civil Engineering)	Punjab Engineering College (Deemed to be University)	2009-2013	First
ME (Water Resources Engineering)	Punjab Engineering College (Deemed to be University)	2013-2015	First
PhD (Civil Engineering)	Punjab Engineering College (Deemed to be University)	2018-persuing	-

9. Work Experience: 7 years 10 months.

Designation	Name of Employer	Date of Joining	
		Joining	Leaving
Assistant Professor	Maharaja Agrasen University, Baddi	03.08.2015	21.11.2015

Assistant Professor (Regular)	Punjabi University, Patiala	23-11-2015	Till date
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10. Publications:

- Sunita, H S Gusain, Kamal Kumar, H S Negi, Kavita Mitkari, M K Arora and Ashwagosha Ganju, (2015), “Velocity and Thickness Estimation of a Small Glacier in Great Himalaya using Optical Remote Sensing Techniques”. *XII International Conference on Antarctic Earth Sciences*.
- Sunita, (2021), “Effect of biomass Ash, foundry sand and recycled concrete aggregate over the strength aspects of the concrete”. *Materials Today: Proceedings*, Vol 50, 2044-2051, <https://doi.org/10.1016/j.matpr.2021.09.405>
- Sunita, and Amanpreet, (2021), “Estimation of Glacier Ice Velocity and Thickness Using Optical Remote Sensing”. *Advanced Modelling and Innovations in Water resource Engineering*, P 429-446, doi: 10.1007/978-981-16-4629-4_30
- Amanpreet, and Sunita, (2021), “Lightweight Low Carbon Concrete Using Secondary Aggregates-A Review Study”. *ADBU Journal of Engineering Technology*.
- Sunita, and Vikas Verma, (2022), “Velocity and Thickness Estimation of Zing-Zing-Bar Glacier”. *AIP Conference Proceedings*, Vol 2558(1), <https://doi.org/10.1063/5.0120706>.
- Sunita, Baldev Setia, Hemendra Singh Gusain and Pardeep Kumar Gupta, (2023), “Estimation of Velocity and Thickness of Siachen Glacier Using Remote Sensing”. *27th International Conference on Hydraulics Water Resources, Environmental and Coastal Engineering (Hydro 2022)*.
- Sunita, Pardeep Kumar Gupta, Hemendra Singh Gusain, Anhad Singh Gill and Onkar Singh Sidhu, “Snow Cover Variability in the Beas River Basin and its relation with climate parameters during 2007-2018”. *International Conference on Creative and Innovative Solutions on Civil Engineering (CISCE-2023)*.

11. FDPs/Courses/Workshops/Seminars attended:

S. No	Course Description	Conducted by	Dates
1.	Attended 5-day STC on “Lab Practices in Highway Engineering”	Civil Engineering Department NITTTR Chandigarh.	23.04.2018 to 27.04.2018
2.	41 st Orientation Course	Punjabi University, Patiala.	03.10.2019 to 23.10.2019
3.	Refresher Course	Punjabi University, Patiala.	10.08.2020 to 24.08.2020

4.	Attended One day workshop under TEQIP-III on “Smart Road Infrastructure for Smart Cities”	Civil Engineering Department, PEC Chandigarh	24.07.2018
5.	Attended One day workshop on “Role of Geospatial Technologies in Smart City Initiatives of GOI”	Kalpana Chawla Chair of Geospatial Technologies, PEC Chandigarh	3.08.2019
6.	Attended 5-day online AICTE recognized Faculty Development Programme on “Smart Sustainable Cities”	NITTTR Chandigarh	25.05.2020 to 29.05.2020
7.	Attended five days STC on Advanced Materials for Highway Construction	Department of Civil Engineering, Punjabi University, Patiala.	16.10.2020 to 20.10.2020
8.	Attended One day workshop on “Safety Issues and challenges”	NHAI	19.12.2021
9.	Attended 5-day online AICTE recognized Faculty Development Programme on “Entrepreneurship, Innovation and Incubation”	Research and Development in collaboration with IQAC & IIC of Chandigarh Engineering College, Jhanjheri.	16.08.2021 to 20.08.2021
10.	Attended Two-Week Winter School (Refresher Course)	Guru Nanak Dev University, Amritsar	22.02.2023 to 7.03.2023

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