

Resume of Dr. Sorabh Saluja

Dr. Sorabh Saluja

M.E (Highway)

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OBJECTIVE

Considering success as a path and not the destination, I continuously pursue to excel in the field of technology and nurture my talents to expose the best of me in the demanding corporate world.

AREA OF INTEREST

- Roller Compacted Concrete
- Utilization of waste products in concrete
- Strength and Durability properties of concrete
- Sustainability

P.hD THESIS TITLE

Strength Properties and Shrinkage Behaviour of Roller Compacted Concrete

ACHIVEMENTS

- Won a Research Peace Award 2019-20 under the title “Innovative Researcher in Construction Material and Techniques”
- Reviewer of Journal “Case Studies in Construction Material”

PUBLICATION

Book Chapters:

1. Kaur, K., Saluja, S., Goyal, S. (2024). Electrochemical Technique to Evaluate Carbonation Behavior of Reinforced Concrete. In: Strauss, E. (eds) Proceedings of the 7th International Conference on Civil Engineering. ICOCE 2023. Lecture Notes in Civil Engineering, vol 371. Springer, Singapore. https://doi.org/10.1007/978-981-99-4045-5_26
2. Saluja, S., Kaur, K., Goyal, S. (2024). Achievement of Roller Compacted Concrete

Incorporating GGBS by Using Soil Compaction Approach. In: Strauss, E. (eds) Proceedings of the 7th International Conference on Civil Engineering. ICOCE 2023. Lecture Notes in Civil Engineering, vol 371. Springer, Singapore. https://doi.org/10.1007/978-981-99-4045-5_2

Publication in SCI index journals:

1. **Saluja S.**, Kaur K., Goyal S., Bhattacharjee B. (2021) “Long Term Drying Shrinkage of GGBFS incorporated RCC under various Temperature Exposures.” *ASCE Journal of Materials in Civil Engineering*, 33 (6): 04021122 (I.F.: 3.65) DOI: 10.1061/(ASCE)MT.1943-5533.0003746.
2. **Saluja S.**, Kaur K., Goyal S., Bhattacharjee B. (2019) “Assessing the effect of GGBS content and aggregate characteristics on drying shrinkage of roller compacted concrete.” *Construction and Building Material*, 201, 72-80. (I.F.: 7.40) doi.org/10.1016/j.conbuildmat.2018.12.179.
3. **Saluja S.**, Goyal S., Bhattacharjee B. (2019) “Strength properties of roller compacted concrete containing GGBS as partial replacement of cement.” *Journal of Engineering Research*, 7 (1), 84-100.) (I.F.: 0.78)
4. **Saluja S.**, Goyal S., Bhattacharjee B. “Strength and abrasion resistance of roller compacted concrete incorporating GGBS and two types of coarse aggregates.” *Advances in Concrete Construction, An International Journal*, 8 (2), 127-137. (I.F.: 3.21) Doi: org/10.12989/acc.2019.8.2.127

Publication in Scopus journals and Conferences:

1. Kaur K., **Saluja S.**, Goyal S., Bhattacharjee B. (2020) “Corrosion Inhibitor for preventing carbonation induced rebar corrosion.” *The Indian Concrete Journal*, 94 (11) 29-36. (Published)
2. Kaur K., **Saluja S.**, Goyal S. (2015) “Performance of organic based inhibitors in chloride contaminated steel-reinforced structures.” *LDCEE'15*, ISBN No. 978-93-5254-071-6, 110-115.

CONFERENCES & WORKSHOP ATTENDED

- 2023 7th International Conference on Civil Engineering (**ICOCE 2023**) during 24-26, 2023 NTU @ one north campus, **Singapore**.
- AICTE Recognized Faculty Development Programme on “Alternate technologies in Road Construction (Flexible pavements)” During 25-29 May, 2020, Organized by NITTTR, Chandigarh. **Certificate No: ICT-10241/20**

- Short Term Course on “Advanced Material for Highway Construction” During 16-20 October, 2020, Organized by Punjabi University, Patiala.
- Short-Term training programme on “Software training & use of auto cad” during 31 May,2010 - 4 June,2010 in M.M.U Mullana.
- National Specialty Conference on “River Hydraulics” during 29 – 30 Oct, 2009 in M.M.U Mullana.
- One Day workshop on “River Water Harvasting” during 5th June, 2009 in M.M.U Mullana.

WORK EXPERIENCE

Name of Institute	Period	Subject Tought	Level
Punjabi University, Patiala	Feb. 2014- till date	Irrigation Engineering -I, Survey-I, Water Supply Engineering, Transportation Engineering-I, Transportation Engineering-II	B.Tech
		Pavement Analysis and Design, RBT	M.Tech
M.M.U Sadopur, Ambala, Haryana	10/2/2012-5/7/2013	Transportation Engineering-I, Transportation Engineering-II, Survey -I	B.Tech
Bahara Group of Institutes, Patiala	1/7/2011-8/2/2012	Water Supply Engineering, Building Construction	B.Tech
M.M.U Mullana, Ambala	1/7/2009-30/6/2011	Transportation Engineering-I, Transportation Engineering-II, Survey -I	B.Tech

PROFESSIONAL QUALIFICATION

Degree	Univ./Board	Year of Passing	Division
P.hd (Civil Engineering)	TIET, Patiala	January, 2020	-
M.E (Highway)	P.E.C, Chandigarh	2009	First
B.E (Civil Engineering)	Punjab Technical University, Jalandhar	2006	First

Diploma (Civil Engineering)	Punjab State Board of Technical Education	2003	First
Class X	P.S.E.B, Mohali	1999	First

PERSONAL DETAILS

Date of Birth	28 th July, 1983
Permanent Add.	#32 Good Earth Colony Near S.G. Appartments, Patiala
Institution Add.:	Assistant Professor, Department of Civil Engineering, Punjabi University, Patiala-147001
Sex	Male
Marital Status	Married

With good communication skills and a strong believer in team work, I can co-ordinate with different levels and have ability to acclimatize. I undersigned certify that the above information is true to the best of my knowledge.

Place: Patiala



(SORABH SALUJA)