

Curriculum Vitae (CV) – Dr. Manjeet Bansal

Official Address: Dean, Consultancy & Industry Linkage, Head Department of Civil Engineering Maharaja Ranjit Singh Punjab Technical University, Bathinda. push_kar5@yahoo.com, M: 09815126102	Education Qualification		
	Ph.D.	Civil Engineering	NIT, Kurukshetra
	M.E	Structural Engineering	Punjab Engineering College, Chandigarh
	B.E	Civil Engineering with specialization in Environment Engineering	GZS College of Engineering & Technology, Bathinda
Teaching and Research Area		Publications Details	
<ul style="list-style-type: none"> ➤ Water Supply and waste water engineering ➤ Waste water treatment technologies ➤ Concrete technology 		<ul style="list-style-type: none"> ➤ Total Research Publications : 55 ➤ Books Published/Edited : 6 ➤ Total Impact factor: 16.372 ➤ Citation :166 	
Research Students Guided/Under supervision: Ph.D.: Total = 7 (04 in progress; 03 completed) M. Tech: Total 110 (10 in progress; 100 completed)			
<u>List of important Publications</u>			
<ol style="list-style-type: none"> 1. Bansal Manjeet, Garg U.K., Singh Diwan and Garg V.K. (2009). Removal of Cr (VI) from simulated wastewater using pre-consumer processing agricultural waste: a case study of rice husk. Journal of Hazardous Materials 162, 312-320. [Elsevier] Impact Factor 5.105 2. Bansal Manjeet, Singh Diwan and Garg V.K. (2009). A comparative study for the removal of hexavalent chromium from aqueous solution by agriculture wastes carbons. Journal of Hazardous Materials. 171, 83-92 [Elsevier] Impact Factor 5.105 3. Bansal M., Singh D., Garg V.K and Mudhoo A. (2014). Preparation and Characterization of Biosorbents and Copper Sequestration from Simulated Wastewater. International Journal of Environmental Science and Technology.11(5),1399-1412 [Springer] Impact Factor 2.344 4. Bansal Manjeet, Aggarwal Yogesh & Garg Rishav(2016). Strength Rapid Chloride Penetration and Microstructure Study of Cement Mortar Incorporating Micro and Nano Silica, International Journal of Electrochemical Science, pp 3697-3713. Impact Factor 1.692 5. Bansal Manjeet, Singh Diwan and Garg V.K. (2009) Chromium (VI) uptake from aqueous solution by adsorption onto timber industry waste. Desalination and Water Treatment. 12,238-246. Impact Factor 1.118 6. Bansal Manjeet, Garg V.K., Singh Diwan and Mudhoo A. (2013). Sequestration of Copper (II) from Simulated Wastewater using Pre- Treated Rice Husk Waste Biomass. Environmental Engineering and Management Journal, August 2016, Vol. 15, No. 8, pp. 1689-1703 [“G. Asachi” Technical University of Iasi, Romania] Impact Factor 1.008 			
Consultancy projects			Amount in Rs.
Testing of various construction materials like Cement, Bricks, concrete cubes, water, steel etc. and Structural Design, Checking and Structural Audit of various Government organizations and public/private sector for different types of Civil Engineering Structures from 1999-2019			2,25,71,486

S.No	Major Consultancy Projects
1	Complete Structural Design of Reliance Retail/Hyper Market at Bathinda
2	Complete Structural Design of Restaurant and Resort Building of Haveli Restaurant and Resort at Jandiala Guru, Distt. Amritsar
3	Structural Audit of different Godowns of Pungrain located at various places in Punjab.
4	Structural Design of Big Township of multi-storey Building near Mohali

5	Complete Structural Design of Bio-Technology Lab and Girls Hostel at Punjab Agricultural University, Ludhiana.
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S.no	Participation in various State Government projects as a Expert Member
1	Nodal Officer of Road Safety and Traffic Management initiated by Director General of Police Traffic Govt. of Punjab on the behalf of MRSPTU, Bathinda
2	Member of State Level Expert Committee for preparation and implementation of Road Safety Engineering works proposals on State Roads under Central Road Fund.

Short Term Courses Organized: 11

National Conference organized: 01

Key Administrative Positions Held:

- Dean, Consultancy & Industry Linkage, Maharaja Ranjit Singh Punjab Technical University, Bathinda. Since Sep 2017 to till now.
- Director Baba Hira Singh Bhattal Institute of Engg. And Tech. Lehragaga from April 2013 to September 2014.
- Director Punjab Institute of Technology, Mansa since July 2015 to till now.
- Head, Dept. of Civil Engineering, GZSCCET, Bathinda (Present)
- Head Civil Eng., GZS Polytechnic wing from July 2011 to April 2013
- Dean PG research at GZS college of Eng. and Technology from to December 2011 to April 2013.
- Nominated as member by PTU as part of Higher Education Delegation to Canada organized by FICCI, India.
- Member , Board of Governors, Saheed Bhagat Singh State Technical Campus, Ferozpur (2013 - 2016)
- Public Relation Officer. MRS PTU, Bathinda
- Member, Board of Studies, Civil Engineering, MRSPTU, Bathinda
- Academic PG Incharge of Civil Engineering Department, MRS PTU, Bathinda

Reviewer: Journal of Hazardous Materials (Elsevier), International Journal of Environment and Waste Management (Inderscience) and various other national and international Journals.

Fellow of: Institution of Engineers (India) (F- 118036-5) and International Congress of Environmental Research,

- **Other Official duties:** Paper setter, paper evaluator, practical examiner, M. Tech thesis evaluator, Flying squad coordinator/ observer, Hostel warden (2009 – 2011), anti-ragging committee member, Time table incharge (2010 – Continue), Expert member of various inspection committees for affiliated colleges/ universities; Programme officer for NSS (2010- 13); Chairman polytechnic admission committee (2012); Expert member in Punjab Police Vigilance Team (2012) for checking of developmental work in Punjab State; Training and Placement Incharge of Civil Engineering Department, MRSPTU, Bathinda
- **Outreach:** a) Radio talks on different environmental and civil engineering issues (04)
b) Semi scientific lectures for general public (07)
c) Chaired sessions in different conferences (07)
d) Papers presented in different conferences/seminars/ symposia etc. (40)
e) STC attended (21)

➤ **Counties visited for academic purposes:** Canada

➤ **Details of Ph. D. Thesis completed under my supervision**

Sr.No.	Name of Student	Title of thesis	Year Completed
1	Rishav Garg	Mechanical, durability and microstructural aspects of cement mortar incorporating micro & Nano silica	2017
2	Sandeep Singla	Optimal solid Waste Management of Patiala City	2018
3	Keenu Nayyar	Study of various properties of self-compacting concrete incorporating Nano silica	2019