

BIO-DATA Bikramjit Singh

1. **Name:** Bikramjit Singh
2. **Designation:** Assistant Professor
3. **Department:** Civil Engineering
4. **Date of Birth:** 30 April 1988
5. **Address:** Warden House Banda Singh Bahdur Hostel,
Punjabi University Patiala (Punjab) India.
- Cell Phone:** 98159-52443
6. **Email:** bikramjitsingh@pbi.ac.in
7. **Areas of Interest:** Earthquake Resistant Design of Building Structures, Analysis-Design and Optimization of RCC Structural Elements.
8. **Education:**

Examination	Name of the Board/University	Year of Passing	% of Marks Obtained	Division Class/Grade	Subject
Matric	Punjab School Education Board	2005	64.61	First	Matric
Diploma (Civil Engg.)	Punjab State Board of Technical Education and Industrial Training Chandigarh	2008	66.77	First	Civil Engineering
B.Tech (Civil Engg.)	Punjab Technical University, Jalandhar	2011	71.30	First	Civil Engineering
M.Tech (Structural Engg.)	Punjab Technical University, Jalandhar	2015	61	First	Structural Engineering
Ph.D (Civil Engineering)	Punjabi University Patiala.	Pursuing	-----	-----	-----

9. **Membership of Professional Associations:**

- I. Structural Engineering Forum of India
- II. American Society of Civil Engineers

10. **Details of Experience:**

- Assistant Professor, Department of Civil Engineering, Punjabi University, Patiala, INDIA. [Nov/2015- Present].

- Assistant Professor, Civil Engineering Department, Guru Nanak Dev Engineering College, Ludhiana, INDIA [Aug/2015 – Nov/2015].
- Lecturer, Civil Engineering Department, Baddi University of Emerging Science and Technology, Baddi, INDIA [July/2014- July/2015].
- Lecturer, KC Polytechnic College, Nawanshahr, India [Aug/2011 – July/2012]

11. List of Papers/Courses taught at P.G and U.G Level

S.No	Paper/Course	Class
1.	Solid Mechanics	UG
2.	Geotechnology-I	UG
3.	Steel Structure Design-I	UG
4.	Steel Structure Design-II	UG
4.	Earthquake Engineering	UG
5.	Research Methodology	P.G
6.	Earthquake Resistant design of Structures	P.G
7.	Repair and Rehabilitation of Structures	P.G

12. Administrative Responsibilities

- Serving as Training and Placement Co-ordinator, Civil Engineering Department, Punjabi University, Patiala, India [2018-Present].]
- Serving as Hostel Warden of National and International Students, Punjabi University Patiala, India. (July 2021- Present)

13. Publication/Conference Attended/Workshop Attended:

- Publication- Bikramjit Singh, Gurpreet Singh Dhanoa, Lakhvir Kaur and others published a research paper “ Cost Optimization of RCC column using discrete optimisation method” in Materials Today: Proceedings, September, 2021.
- Publication- Bikramjit Singh, Hardeep Singh Rai, “Optimisation of RCC Beam” published in IJEBA, Issue 9, Volume 1, pp. 21-34, June-August, 2014.
- International Conference- participated and presented the paper “ Effect of rice husk ash and egg shell powder on soil stabilization” in the International conference on Advances in Material Science – ICAMS-2021 on 11 and 12 September 2021 jointly organised by Arunai International Research Foundation, in association with Department of Chemistry, University of Calicut, Kerela.
- UKIERI International Conference-participated and presented the paper “Optimal design of Reinforced Cement Concrete Column [UCC-15-527]” in the UKIERI Concrete Congress, Concrete Research Driving Profit and Sustainability held on 2-5 November 2015 at Dr B R Ambedkar National Institute of Technology Jalandhar INDIA.
- National Conference- Participated “Geotechnical and Geoenvironmental Aspects of Wastes and their Utilization in Infrastructure Projects” organised on 15-16 February, 2013 in Guru Nanak Dev Engineering College, Ludhiana, INDIA.

- Workshop- participated in Indian Geotechnical Society workshop on “Numerical and Physical Modelling” conducted in Guru Nanak Dev Engineering College, Ludhiana, INDIA on 3rd October, 2015.

14. Invited Lectures:

- 1) Delivered a guest lecture on “Basics of Civil Engineering” organised by Department of Civil Engineering for B.Tech students at Khalsa College of Engineering and Technology, Amritsar on 14th July, 2021.
- 2) Delivered a guest lecture on “Basics of Earthquake Engineering” organised by Department of Civil Engineering for B.Tech students at Khalsa College of Engineering and Technology, Amritsar on 25th August, 2021.

15. Training:

- Orientation Programme- Participated in 38th UGC sponsored orientation programme from 01/01/2019 to 29/01/2019 organised in HDRC, Punjabi University, Patiala, INDIA.
- Faculty Development Programme- Participated in the online AICTE Recognized Faculty Development Programme on Smart Sustainable Cities from 25/05/2020 to 29/05/2020 organized by NITTTR, Chandigarh, INDIA.
- Refresher Course- participated in Online Refresher Course in Research Methodology organised in HRDC, Punjabi University Patiala, INDIA from 03-10-2020 to 16-10-2020.
- Workshop- Participated in one day workshop on “New Age Teaching: Teachers Need to Unlearn” held at Punjabi University Patiala, INDIA on 22nd February, 2018.
- Intensive Teaching Workshop (ITW) - Participated in the ITW conducted at the university campus of Baddi University, Baddi, INDIA from 23/July/2014 to 04/Aug/2014.