

# Biodata

Prof. (Dr.) Hardeep Singh Rai  
Professor of Civil Engineering and Dean Testing & Consultancy  
Guru Nanak Dev Engineering College, Ludhiana (141006) Punjab, India  
Geo – location: 30°51'29" N 75°51'30" E

## Field of specialisation

CAD, Structural Engineering (Civil Engineering)

## Educational Qualifications

Sr. No	Class / Degree	Branch / Specialisation	Board / University
1	Ph.D.	Civil (CAD)	IIT Roorkee
2	Master of Engineering	Civil (Structures)	TIET Patiala
3	Bachelor of Engineering	Civil	TIET Patiala

## Work Experience : 29 years

## Technical Papers published / presented

Total number: 52

## On-line courses from International Universities

1. Six weeks online course on “Robotic Vision” by Queensland University of Technology, Brisbane Australia in 2015
2. Nine weeks online course on “The Art of Structural Engineering – Bridges” by Princeton University, USA.

## Professional and administrative work

1. Short Term Courses/ School Attended : 11
2. Seminars / Workshops / Conferences attended : 12
3. Seminars/ Conferences/ Courses Organised : 6
4. Administrative Responsibilities: Working as Dean Testing and Consultancy, worked as Principal, HoD ,Dean (Administration), Dean (Hostels), O/Ic Library, O/Ic Department of Computer Science and Computer Centre, member Board of Studies.
5. Handled a large number of development work, research projects, laboratories development

## Development Work

1. Developed Surveying Lab and Computer Centre at College of Engg. & Tech. Bathinda.
2. Developed Computer Centre at Guru Nanak Dev Engg. College, Ludhiana.
3. Implemented Campus-wide Computer Networking at Guru Nanak Dev Engg. College, Ludhiana, under AICTE-MODROB scheme entitled “LAN – Scheme for the Institute”.
4. Got AICTE - MODROB grant worth Rs. 15 Lacs for Upgradation of Computer Centre for Guru Nanak Dev Engg. College, Ludhiana.
5. Involved in Consultancy work as Structural Designer.

6. Got AICTE – MODROB grant worth Rs. 10 Lacs for Modernisation of Geotechnical Lab.
7. Got AICTE – RPS grant worth of Rs. 8.4 lakh for research project "Flexural behaviour of flexible beam supported reinforced rectangular slab".
8. Got AICTE – RPS grant worth of Rs. 7.4 lakh for research project "Prediction of Collapse Load for RC Skew-slab Bridges".

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Hardeep Singh Rai