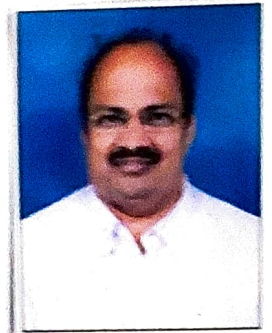


### Brief Resume

1. Name **Dr. Rakesh Kumar**
2. Post Applied for: \_\_\_\_\_
3. Department **Civil Engineering**
4. Address for Correspondence **63 Ganpati Enclave Dabwali Road  
Bathinda.(Pb.) 151001  
Mobile Number: 7589196148  
E-mail: rkumar\_s@rediffmail.com**



#### 5. Academic Qualifications :

Matriculation from Punjab School Education Board 75.01% Ist Division

B.E. (Civil) from T.I.E.T., Patiala (Deemed Uni.) 67.98% Ist Division

M.E. (Civil) in Structural Engineering from B.I.T.S. Pilani (Deemed Uni.) 87.50% Ist Division

Ph.D. from Indian Institute of Technology Roorkee, Roorkee

#### 6. Area of Specialisation:

Structural Engineering

#### 7. Employment History :

Served in College of Engineering & Technology Bathinda as Lecturer in the department of Civil Engineering on Stop-Gap-Basis from 26.07.1994 to 25.01.1995 and from 07.02.1995 to 07.12.1995 and on Regular basis as Professor of Civil Engg. at GZSCCET MRSPTU, Bathinda since 08.08.1996 & retired as a Professor of Civil Engineering at GZSCCET MRSPTU Bathinda on 30.11.2024. Again served in the department of Civil Engineering at GZSCCET MRSPTU Bathinda as an Honorary Professor for the session: Jan-May 2025.

Worked as an Assistant Lecturer in Civil Engg. at BITS, Pilani ( Rajasthan) Deemed University.

8. Research Publications: Research Publications in various International, National Conferences and Journals. A few of them are listed below:

'Effect of temperature gradient on track-bridge interaction', Interaction and multiscale mechanics, an International Journal, Vol 5, No.1, 2012, pp 1-12
'Utilization of waste ceramic tiles as coarse aggregate in concrete', JMEST, an international journal ISSN: 3159
'Influence of thermal effect on continuous welded rail over bridges', National journal, The bridge & Structural Engineer, Vol 42, No.1, pp 51-67
'Effect of location on construction projects', IJRASET, an international journal, ISSN No.2321-9653, IF: 5.011, IC value:13.98
'Track-Bridge Interaction phenomenon and its significance', pp 239-244, International conference on IMMM-2010 on 14-16 Jan., 2010 at COE, Trivandrum Kerala.
'Continuous welded rails-A prerequisite for high-speed railways', pp 39-49, International conference on design & Construction of urban transport structures on 16-18 April, 2010 at Hyderabad
'Track-bridge interaction models-A review', National Conference pp 268-272
'Characteristic requirements of high performance concrete', TEQIP-II, National conference on latest development in materials, manufacturing & quality control on 19-20 Feb, 2015
'Material selection for high performance concrete', TEQIP-II National conference on LDCEE' 2015 on 15-16 Oct, 2015 at GZSCCET, Bathinda
'Utilisation of waste ceramic tiles as coarse aggregate in concrete', TEQIP-II National conference on LDCEE'2015 at GZSCCET, Bathinda.
'Track-Bridge Interaction Phenomenon', Proceedings of Innovative challenges in Civil Engg, 15-16 March, 2012 at PTU GZS Campus, Bathinda.

9. Any Other Information:

- Guided more than 25 M. Tech. Thesis.
- Chaired the sessions in National Conferences.
- Data Auditor of PEC University Chandigarh.
- Attended, organized & participated in various STCs National, International Organizations.
- Contributed in consultancy work of Civil Engineering department for GZSCCET MRSPTU Bathinda from various Govt., Public Sector and Private organizations.
- Life Member of IEI, ISTE, IRC & Continuing Education Centre Roorkee.
- External Examiner of UG & PG programmes of various colleges.
- Member of BOS of MRSPTU, Bathinda.
- Chaired a Technical Session of One day Multidisciplinary National Seminar on "Digital Wellness in the Era of Hyper-Connectivity: Understanding, Mitigating and Overcoming Digital Addiction" (Hybrid Mode), approved by : DHE, Panchkula, Haryana, held at Maharana Partap College for Women, Mandi Dabwali on 1<sup>st</sup> March, 2026.

Dr. Rakesh Kumar