

BIO-DATA

NAME : **Vijayinder Kumar Dogra**

PROFESSION : Associate Professor
Head, School of Civil Engineering
Shri Mata Vaishno Devi University, Katra, J&K

DATE OF BIRTH : 15th of December 1963

WORKING EXPERIENCE : 39 Years

NATIONALITY : Indian

PRESENT ADDRESS (Res.) : House No. C-303, IInd Block Northern Height Apartments
Lower Thathar, Ban Talab, Jammu. Jammu Tawi

PRESENT ADDRESS (Office) : Head, School of Civil Engineering,
Faculty of Engineering,
Shri Mata Vaishno Devi University,
Kakryal, Katra, J&K – 182320

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KEY QUALIFICATION

39 years of experience, out of which 1.5 years in contracts and billing 14 years in administration, 19 years in teaching and 38 years (total) in structural design of many prestigious and challenging structures. Some of these are highlighted as under :-

Involved in the analysis, design and detailing of a number of large span folded plates, shells and domes, viz., 35 m span pyramidal roof for Auditorium in Shri Mata Vaishno Devi University, 35 m span multilevel shells for CMC Hyderabad; large span transfer girders (23 m span) and large span Vierendeel (24 m span) for Bharat Diamond Bourse Mumbai. Extensive analysis, design and detailing of flat slab with drops (BDB Mumbai) and without drops in British Council Building New Delhi, Laburnum Housing Estate, Malibu Housing Estate Gurgaon and DLF Hamilton Court.

Extension of Escorts Heart Institute New Delhi (10 storeyed Hospital building), Fruit Market Madras (folded plate roof), Tennis Stadium at Kochi (75 m x 60 m span structure in steel).

Overall project incharge and team leader for various projects. Some of these are CMC Hyderabad, Fruit and Vegetable Market Koyambedu (Chennai). Bharat Diamond Bourse Mumbai, Laburnum I, (Group Housing at Gurgaon) , Malibu Town (Group Housing at Gurgaon).

Structural consultant for Roof of the Auditorium, School of Architecture & Landscape Design buldng, Medical Aid Centre, Telephone Exchange building and 3BHK housing in Shri Mata Vaishno Devi University.

Structural Consultant for Multi-lvl. Parking (Basement + 4 floors), GMC Jammu, OBC hostel at Doda, Main Building of District Court Samba,

Proof checking and vetting of structural design and drawings of many government projects of J&K.

Teaching in Shri Mata Vaishno Devi University since 2006 till date.

Posted in Mumbai for one year, (1991/1992), as in-charge of the Mumbai Branch office, for design and construction of the diaphragm wall, for Bharat Diamond Bourse Mumbai.

EDUCATIONAL QUALIFICATIONS :

- B.Sc. Part I from J&K State Board of School Education in 1980 in 1st. division.
- B.Sc Part II from G G M Science College Jammu, from Jammu University in 1981 in 1st. division.
- B.E. Civil from Regional Engineering College Srinagar (Kashmir University) in 1985 in 1st. division.
- M.Tech. in Structural Engineering from I.I.T., Delhi in 1997, with CGPA of 7.5.
- Ph. D. from Shri Mata Vaishno Devi University, Katra Mar, 2015.

EMPLOYMENT RECORD

- July 2019 – Till date : **Head
School of Civil Engineering,
College of Engineering,
Shri Mata Vaishno Devi University, Katra,
Jammu (J & K) – 182320**
- March 2015 – Till date : **Associate Professor
School of Architecture & Landscape Design,
College of Engineering,
Shri Mata Vaishno Devi University, Katra,
Jammu (J & K) – 182320**
- August 2006 – Till March 2015 : **Assistant Professor
School of Architecture & Landscape Design,
College of Engineering,
Shri Mata Vaishno Devi University, Katra,
Jammu (J & K) – 182320**

- Teaching Structural Analysis and design to the students of B. Arch. since Aug-7, 2006.
- Completed successfully more than sixty consultancy projects with a total consultancy fee of more than fifty lakhs during the last 19 years of teaching In SMVDU. Some of the consultancy projects are listed below:
- Structural Consultant for the design of hostel for other backward classes, Doda.
- Structural Consultant for three storied 3BHK housing (two blocks), at a total cost of 11 crores.
- Structural Consultant for the design of Multi Level parking for Super Specialty Hospital Jammu.
- Structural Consultant for the design of main building of District Court Samba.
- Roof Consultant for the Auditorium of Shri Mata Vaishno Devi University. Roof was made of prefabricated steel girders. Two spine girders (50m each) were placed along the diagonals of the pyramid roof as spine members. Each spine girder was assembled in position from nine segments. Weight of the segments varied from 2.0 MT to 6.0 MT. These segments were lifted one by one and assembled in space at a height of 20m from ground level. Additional tie members along with secondary members of steel were then lifted and joined with the spinal members in space to receive the pressed metal deck and the concrete topping.

- Structural Consultant for the Medical Aid Centre of Shri Mata Vaishno Devi University.
- Structural Consultant for Telephone Exchange Building, SMVD University.
- Structural Consultant for Toilet Block, SMVD University.
- Structural Consultant for the building of SoALD, SMVD University.
- Structural Consultant for 24 3bhk flats (two blocks) in SMVDU
- Structural Consultant for the Girls hostel extension.
- Structural Consultant for the flats building for staff in SMVDU.

March 2005 – August 2006 : **University Engineer & Estate Officer
Shri Mata Vaishno Devi University**

- Overall in-charge of the immovable property of the University and its regular maintenance.
- Overall In-charge of the Horticultural Development within Shri Mata Vaishno Devi University.
- In-charge of the Guest House.
- Overall In-charge of the Security of the Campus.
- Overall In-charge of the Housekeeping of SMVDU.
- Structural designer for the Telephone Exchange Building for SMVDU.

May. 2004 – March 2005 : **University Engineer
Shri Mata Vaishno Devi University**

- Overall in-charge of the construction works of the University including buildings, roads completed for the inauguration of the University by His Excellency Dr. A. P. J. Abdul Kalam, the President of India, on 19th August 2004. Guest House, SMS Block, Level-I residential quarters (11 nos.) and roads were completed.
- Overall In-charge of the Guest House.

Aug. 2002 – Apr. 2004 : **Senior Associate
Engineering Consultants (India)
Q-24, Jangpura Extn.
New Delhi - 14**

- Overall in-charge of the computers and computer softwares.
- Overall in-charge of the drafting staff; a team of around fifteen personal working manually and on autocad.
- Project in-charge of the 'Bharat Diamond Bourse' project at Mumbai with a fee of Rs. 10.0 Lacs per month.
- Project in-charge of the 'Vijayawada Airport' at Vijayawada.

Jan. 1997 – July 2002 : **Associate,
Engineering Consultants (India)**

- Overall in-charge of the drafting staff, a team of around fifteen personal working manually and on autocad.
- Overall in-charge of the computers and softwares.
- Overall in-charge for the computer aided structural analysis and design of the various projects such as Dabhol Power Project, Universal Sai Centre, Escorts Heart Institute Extension New Delhi, Stadium at Thodupurzha, Tennis Stadium at Kochi etc.
- Overall Project in-charge and team leader for `Escorts Heart Institute and Research Centre Extn. (New Delhi), for Escorts Heart Institute Extension New Delhi.
- Project in-charge and team leader for 'Xansa India Limited' project at Noida.

Apr. 1991 – Dec. 1996 : **Senior Engineer
Engineering Consultants (India)**

- Overall project in-charge and team leader for various projects. Some of these are Bharat Diamond Bourse Bombay (seven towers built in 20 acres of land with 10 floors above ground and two levels of basements with a total built up area of around 3 lakh sqm), Laburnum I (Group housing at Gurgaon Haryana with towers up to 18 storey height in 13.5 acres of land with a total built up area of 1,20,000 sqm), Malibu Town (Six octagon towers, 18 storey high, group housing at Gurgaon). Posted in Mumbai for one year as in-charge of the Bombay Branch office.

March 1988 – Mar. 1991 : **Design Engineer
Engineering Consultants (India)**

- Involved in the structural analysis, design and preparation of drawings for various buildings such as Flower Market, Fruit & Vegetable Market Madras (folded plates, large span pyramids), British Council New Delhi (flat plate construction), CMC Hyderabad (large span multi level shells and domes), Residency Manor Mussoorie.

May 1987 – Feb. 1988 : **Assistant Design Engineer
Kirti Consultants (Structural Consultancy)
O-21, Jangpura Extension,
New Delhi -110014**

- Involved in the structure analysis and design of group housing (Anupam Group Housing (Stilt + 10 Floors), at Patpargang, New Delhi) and Hotel New Kenilworth (10 storey) at Ghaziabad (UP).

Nov. 1985 – April 1987 : **Assistant Engineer
Virender Khanna & Associates (Architects Engineers & Planners)
N-1, Greater Kailash Market
New Delhi - 110048**

- Involved in the preparation of contract documents, project co-ordination, quantity survey, overall supervision and bill checking of the projects.

LANGUAGES :	SPEAKING	READING	WRITING
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent