

OBJECTIVE

As a firm believer in consistent and organized hard work. I seek an opportunity to be a part of a progressive organization where I can enhance my technical and managerial skills as a “**Highway Design and Road Safety Engineer**”, acquire practical knowledge in the area of Highway and Road safety and thus work towards mutual benefit and growth of the company.

EDUCATION

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| 2021-2025 | <ul style="list-style-type: none">• Pursuing PhD in Traffic Engineering from Jaypee University of Information Technology Solan, (H.P) |
| 15 th -30 th Nov.
2021 | <ul style="list-style-type: none">• 15-day Certification Course on “ROAD SAFETY AUDIT AND OTHER ROAD SAFETY RELATED ASPECTS” organized by CSIR-CRRI NEW DELHI. |
| 2015-2017 | <ul style="list-style-type: none">• M.Tech in Highway Safety& Engineering from DCRUST Murthal– 66.27% |
| 2010-2014 | <ul style="list-style-type: none">• B.Tech Civil, Punjab Technical University- 68.2% |
| 2010 | <ul style="list-style-type: none">• 12th(H.P.B.O.S.E.) with PCM, Him Academy Public School, Hamirpur–64.4% |
| 2008 | <ul style="list-style-type: none">• 10th(H.P.B.O.S.E.) ,Sunrise Public School, Lower Bhambla-72% |

QUALIFICATIONS SUMMARY

- Comprehensive knowledge of **Geometric design, Highway Materials and Road Safety.**
- In depth knowledge of data collection and analysis and development of planning projects
- Outstanding analytical skills, exceptional communication and technical writing skills
- Highly skilled in identifying trends and making recommendations
- Highly Skilled in understanding Highway designs and Drawings

EXPERIENCE

2014, Jan -June. **6 Months Internship, Maya Garden City, Zirakpur**

Project undertaken was “Design & Construction of an residential project (1,2,3,6 BHK Apartments) by Maya Estate Builders at Singhpura, Zirakpur
Learning practical aspect of civil engineering like Surveying and execution part on field.

2021, Aug

PhD Project undertaken on “**How traffic can be controlled on Unsignalized Intersection in Hilly Terrain**” Using **PTV VISSIM**.

Jan, 2021- Till
now

Khanna Designers & Consultants Pvt. Ltd. Sector- 48, Gurugram Haryana

Position Held: Highway Design Engineer & Road Safety Auditor

Projects:

- Improvement of existing road to 2 laning with hard shoulders of Maram Peren section (PKG-III), Length-34.494 Km , from Design Ch. 75+000 to Ch. 109+494 on NH-129A in the state of Manipur on EPC mode.

Client NHIDCL (2021- Till now)

- BALANCE WORK OF ROAD WORK, CULVERT, PROTECTION WORK AND ADDITIONAL ROAD SAFETY WORK ON THEOG KOTKHAI HATKOTI ROAD ON NH-705 FROM KM. 0/00 TO 69/00 IN THE STATE OF H.P. ON EPC MODE OF CONTRACT (PACKAGE NO. EPC-16/2020)

Client HPPWD

- Upgradation to Two lane with Paved shoulder in Km 33/0 to 127/0 of NH-23 (Old NH-11B) Kothun-Lalsot-Karoli-Dholpur Road in the state of Rajasthan

Client Government of Rajasthan public work department

- Improvement of Junction at 1) Saiwala (km 54/0) 2) Nahan Do Sarka 3) Kolar Junction (km 79/0) and 4) Majra Junction (km 88/700) Kala Amb Paonta Dehradun road on NH-07 between km 46/0 to 103/0 in the state of Himachal Pradesh on EPC mode

Client Himachal Pradesh Public Work Department

- Rehabilitation and Upgradation of Porsa -Mehgaon -Mau -Sevda road to Two lane in length of 76.85 km in the state of Madhya Pradesh on Hybrid Annuity Mode Package-26

Client Madhya Pradesh Road Development Corporation

- Periodical Renewal of Chakki Banikhet Chamba Bharmour road NH-154A from km 39/0 to 65/0 and km 76/0 to 84/0 of NH-154A in the state of HP on EPC mode.

Client MVD Cementation and Construction Pvt. Ltd. Kangra Himachal Pradesh

- Periodical Renewal on (Nagrota Bagwan-Ranital-Mubarikpur road) km 18/00 to 39/00 of NH-20A (New NH-303) in the state of HP on EPC mode

Client MVD Cementation and Construction Pvt. Ltd. Kangra Himachal Pradesh

COMPUTER SKILLS

DESIGNING SOFTWARES

AutoCAD |

MX Road |

Civil 3D |

PTV VISSIM

Office Applications

Microsoft Office - Word | PowerPoint | Excel

CONFERENCE/ SEMINAR/ WORKSHOP/ COURSES ATTENDED

- **1st International Conference on Structures, Material and Construction (ICSMC) 2021** organized by The Civil Engineering Department, Jaypee University of Information Technology (JUIT), Solan, HP
- One-week online workshop on "Innovative Solutions for Sustainable Constructions in Civil Engineering" organized by Department of Civil

Engineering, Jaypee University of Information Technology, Waknaghat, Himachal Pradesh, India.

- Webinar on “Advanced Testing Technologies for Geotechnical Investigation” organized by JUIT in association with Indian Geotechnical Society, Shimla chapter.
- Five days online short term course on **Advanced Techniques for Traffic Data Analysis, Visualization and State Estimation for Indian Cities** organised by technology Innovation Hub (IDAPT) at IIT (BHU) Varanasi.

ACHIEVEMENTS

- Member of Rotary Club
- Won various Prizes in University level competitions

PERSONAL PROFILE

Father’s Name	Mr. Dila Ram
Mother’s Name	Mrs. Rita Kumari
Date of Birth	09.11.1992
Languages Known	English & Hindi
Nationality	Indian

PROFESSIONAL/ ACADEMIC INTEREST

Pavement design, Geometric Design, Traffic engineering, Highway Materials, Road Safety & Audit, Environmental & Social impact assessment of highway projects, Pedestrian Friendly Designs Land use & Transportation planning.

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

Vikas