

# CURRICULUM VITAE

V. S PRAVEENKUMAR NANDE

Present Position : Design Engineer (Highways)

Email : [nvspraveenkumar@gmail.com](mailto:nvspraveenkumar@gmail.com)

Nationality : Indian

Date of birth : 27<sup>th</sup> April 1991

Contact No : 8780002995

## EDUCATIONAL QUALIFICATION

**2014**

Master of Technology with 8.1 CGPA from S V National Institute of Technology, Surat, Gujarat, India.

**2012**

Bachelor of Technology with 62% from Acharya Nagarjuna University, Andhra Pradesh, India.

## KEY QUALIFICATIONS

Praveen Kumar is a Civil Engineering graduate and Post graduate in Transportation Engineering and Planning.

Since qualifying as a Transportation engineer from S.V National Institute of Technology he has gained a broad range of skills on Highway design with experience of detailed design and drainage design in highway projects and short term exposure in railway projects. In particular, he worked on detailed design projects like Talaja-Kagavadar (NH-51), Rewa-Katni-Jabalpur (NH-7), KSA CTW 130 Jubail Rail Network, & Bill of quantities- Oman Railway and Drainage design for Delhi – Agra (NH-2).

Praveen Kumar has good written and verbal English language interpersonal skills, and also had ability to understand, explain and solve technical problems.

He had ability to work effectively with colleagues, seniors, team members and clients.

## TRAINING

Completed onsite industrial training - Sewage Treatment Plant (20 MLD) Construction by Ramky Infrastructure Ltd at Vijayawada, A.P for 1 month period during under graduation (B.Tech). Where he undergone training in the fields of surveying, concreting, bar bending etc.,

Completed onsite internship - SAI Consulting Engineers Pvt. Ltd (SYSTRA GROUP) at Bihar under the project of **“Feasibility Study and Preparation of Detailed Project Report of SH-99 (BIHAR)”** for period of 2 months during post-graduation (M.Tech).

- He has done various traffic and pavement surveys namely: Volume count, Turning movement count, Origin – Destination and Commodity movement, Axle load, Speed and Delay, Pavement Condition, Benkelman Beam Deflection, Roughness measurement – ROMDAS etc.

He had undergone 5 days training on “Template Design in Power Rail Track and Introduction to Open Roads software” from Bentley.

## SOFTWARE SKILLS

MX-Road, Microsoft Office, AutoCAD, Open Roads, Power Rail Track.

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## LANGUAGES

	READ	SPOKEN	WRITTEN
Telugu	Mother Tongue	Mother Tongue	Mother Tongue
English	Good level	Good level	Good level
Hindi	Good level	Good level	Good level

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## PROFESSIONAL EXPERIENCE

From August,2014 to  
November,2017

**SAI Consulting Engineers Pvt Ltd ( SYSTRA GROUP)**  
**ASSISTANT DESIGN ENGINEER (HIGHWAYS)**

**Detailed Design for Four-Laning of Talaja-Kagavadar Section of NH-51 in the state of Gujarat (km 53/600 to 140/500)., MEP INFRA JV SANJOSE INFRA.**

**Role:** As a Design Engineer, he involved in the report writing, Checking and correction of topographic survey data, geometric design (Horizontal and Vertical Alignment) using MX-Road software. Preparation of Plan, Profile, drainage and Cross section drawings, Report generation that can be used in estimate of quantities, field activity and coordinate with the client.

**Detailed Design for Four-Laning of Rewa-Jabalpur Section of NH-7 in the state of Madhya Pradesh (km 242/500 to 465/500), L&T ECC.**

**Role:** As a Design Engineer, he involved in the Checking and correction of topographic survey data, geometric design (Horizontal and Vertical Alignment) and drainage design using MX-Road software. Also designed all project facilities including working drawings for Highway amenities including bus bays, truck lay-bys and any other facilities/ amenities as per IRC guidelines. Preparation of Plan, Profile and Cross section drawings, Report generation that can be used in estimate of quantities, field activity and coordinate with the client.

**CTW 130 – Detailed Design Services of road level crossing and grade separators of Jubail Railway Network – Phase 2 for section 1, 2 and 3. , Yapi Merkezi.**

**Role:** As a Design Engineer, he involved in report writing, quantity calculations and vertical design of grade separators and cross roads using MX-Road software.

**The tender design support services for the Civil Infrastructure and Railway Track D&B Contracting services of the National Railway in the sultanate of Oman (205 km).**

**Role:** As a Design Engineer, he involved in Preparation of Plan, Profile drawings, Creation of templates and reports using Power Rail Track (BRT) software.

Since December 2014  
to present

**LEA ASSOCIATES SOUTH ASIA PVT.LTD (LEA GROUP)**  
**DESIGN ENGINEER (HIGHWAYS)**

**Detailed Project Report for development of Economic Corridors, Inter Corridors, Feeder Routes and Coastal Roads to improve Efficiency of Freight movement in India (LOT/3 KARNATAKA /PACKAGE-2) under Bharatmala Pariyojana.**

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**Role:** As a Design Engineer, he is responsible for proposing and finalise the CL alignment with client, Checking and correction of topographic survey data, geometric design (Horizontal and Vertical Alignment) using MX-Road software. Responsible for preparation of Schedule, Plan & Profile.

**Detailed Design for Four Laning from Km 358.500 to Km 414.205, Challakere to Hiriyur section of NH-150 A, On Hybrid Annuity Mode under Bharatmala Pariyojana in the state of Karnataka.**

**Role:** As a Design Engineer, he is responsible for conducting field surveys, i.e Road inventory, Junction Inventory, TMC, CVC and Pavement condition surveys. He involved in checking and correction of topographic survey data, geometric design (Horizontal and Vertical Alignment) using MX-Road software.

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## ACADEMIC PROJECT WORK

Completed project work on “Design of Sewage Treatment Plant in Vijayawada, A.P” during under-graduation (B.Tech).

Completed Transportation Engineering project on “Evaluation of Traffic Signal Timing Optimisation using Micro Simulation Methods” in Traffic Engineering and Safety Division at CSIR-Central Road Research Institute during post-graduation.

- During this project work, VISSIM software is used.

Completed Dissertation on “Determination of Fatigue Endurance Limit of Dense Bituminous Macadam” in Flexible Pavement Division at CSIR-Central Road Research Institute during post-graduation.

- During this project work, IIT Pave and KENPAVE software are used.

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## EXTRA CURRICULAR ACTIVITIES

Achieved consolation prize in National Technical Model Presentation at Acharya Nagarjuna University, A.P during under graduation.

Achieved second prize in Structural framing on TECHNOFEST during under graduation.

Achieved second prize in Annual Literary and Cultural competitions during under graduation.

Volunteer in National workshop on “Methodology for Indo - Highway Capacity Manual (MIHCM) for “Development of Indian Highway Capacity Manual (Indo-HCM)” conducted at S V National Institute of Technology, Surat during post-graduation.

Delivered presentation on “Reclaimed Asphalt Pavement with Modified Binders –A Review” in “National Seminar on Recycling of Bituminous Pavements” conducted by CSIR-Central Road Research Institute, New Delhi during post-graduation.

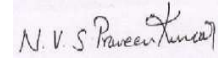
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## DECLARATION

I hereby declare that the above information(s) mentioned are true to best of my knowledge.

Place:

Date:



(N.V.S Praveen Kumar)