

# **SUMMER INTERNSHIP REPORT**

## **ON**

**Construction of 4-lane elevated viaduct including 4-Lane Flyover including Re-wall, retaining wall and approaches in NH-24A in Lucknow, Uttar Pradesh under EPC mode**

(Internship Duration: 1<sup>st</sup> June- 30<sup>th</sup> June)

**GUIDED BY: ASSITANT ENGINEER Mr. VIKAS SRIVASTAVA**

## **CLIENT:**

**Ministry of Road Transport & Highways (MORT & H)**

**EPC Contractor**

**M/s. G S Express Pvt Ltd**

**Lucknow, Uttar Pradesh**

**Submitted by:**

**Aryan Saurabh (21024147)**

**Department of Civil Engineering**



**Guru Ghasidas Vishwavidyalaya, Koni**

**2024-25**

उत्तर प्रदेश सरकार  
लोक निर्माण विभाग

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पत्रांक:-105/प्रशिक्षण /24

दिनांक:-

प्रशिक्षण प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री आर्यन सौरभ गुरु घासीदास विश्वविद्यालय (केन्द्रीय विश्वविद्यालय) बिलासपुर द्वारा रा0मा0 खण्ड, लो0नि0वि0, लखनऊ में दिनांक 01.06.2024 से 30.06.2024 तक का ग्रीष्म कालीन प्रशिक्षण सहायक अभियन्ता-प्रथम के अधीन प्राप्त किया। इनके द्वारा खण्ड के प्रगति में चल रहे कार्यों का स्थलीय तकनीकी ज्ञान प्राप्त किया गया।

मैं इनके उज्ज्वल भविष्य की कामना करता हूँ। यह प्रमाण पत्र किसी भी न्यायालय में मान्य नहीं होगा।

(रजनीश गुप्ता)  
अधिशासी अभियन्ता

पत्रांक:-105/प्रशिक्षण /24

दिनांक:- 05/07/24

प्रतिलिपि:- श्री-आर्यन सौरभ गुरु घासीदास विश्वविद्यालय (केन्द्रीय विश्वविद्यालय) बिलासपुर के पत्रांक-  
81/CE/SoS,E&T/GGV/BSP/2024 Dated: 10.05.2024

Arjan Saurabh  
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अधिशासी अभियन्ता

## **ABSTRACT**

This report details my internship experience on the 4-Lane Viaduct Project, conducted from June 1st to June 30th in Munshipulia, Indira Nagar, Lucknow. The project, aimed at improving transportation infrastructure by constructing an elevated roadway, provided a platform to gain practical insights into various phases of bridge construction. The primary objectives of the internship were to understand the planning, design, and construction processes involved in large-scale infrastructure projects and to develop practical engineering and project management skills.

I learned about tasks including visiting the site, building the foundation, erecting the superstructure, conducting testing, and putting safety procedures into action while I was an intern. Through this practical experience, I was able to comprehend the intricacies involved in viaduct construction and watch and participate in the use of contemporary engineering techniques. Enhanced understanding of civil engineering principles, better problem-solving skills, and a greater understanding of the significance of safety procedures were among the main learning objectives.

The internship experience bridged the gap between academic knowledge and real-world application, providing invaluable professional development. This report documents the significant learning and insights gained, highlighting the critical role of infrastructure projects in societal development and the contributions they make to urban growth and connectivity.