SUMMER INTERNSHIP REPORT

A report submitted in partial fulfilment of the requirements of the award of degree

OF

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

AT

BHARAT COKING COAL LIMITED(BCCL) CONSTRUCTION OF RESIDENTAL BUILDINGS

GUIDED BY :- MS Ritu Kumari

GURU GHASIDAS VISHWAVIDYALAYA

(A Central University), Bilaspur (C.G) India



2024-25

DEPARTMENT OF CIVIL ENGINEERING

SUBMITTED BY – ANIKET KUMAR SINGH ROLL NO – 21024103 ENROLLMENT NO – GGV/21/01003



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वर्गाम क्रोनीकान विशेष किरोपिक व महत्त्व केरात क्रिकेट के कार स्कृति करते. भारत को प्रकृतिकार किरोपिक के कार स्कृति करते. भारत को प्रकृतिकार केरात करते. भारत केरात करते. में क्रिकेट कर किरोपिक करते.

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प्रशिक्षण प्रमाण पत्र/CERTIFICATE OF TRAINING

This is to certify that Mr. Aniket Kumar Singh, Roll no. 21024103, a B.Tech (Civil Engg.) student of Guru Ghasidas Vishwavidyalaya, Bilaspur has undergone summer/vocational training at Civil Engineering Department, Koyla Magar, BCCL, Dhanbad for a period of four weeks from 20.05.2024.

This certificate is being issued on the basis of certification vide letter BCCL/CED/GM(Civil)/2024-25/322 dated 20.06.2024 of General Manager (Civil), Koyla Nagar, BCCL, Dhanbad.

मुख्या प्रतिमक (बनम) कुँ विकास (मा.भारक) प्रस्कृत विकास माद्रुवार्तिक (का. 7 1971) भारतीक का. 7 1981

ABSTRACT

Ay internship involved participating in a residential building project, focusing on the design and construction phases. Under the guidance of experienced engineers and architects, I gained practical insights into site assessment, architectural drafting, structural analysis, and construction management. The project emphasized sustainable practices and compliance with building regulations to ensure safe and efficient living spaces. Key responsibilities included collaborating with multidisciplinary teams, conducting site visits, monitoring construction progress, and implementing quality control measures. This internship provided hands-on experience with modern construction technologies and software tools, enhancing my technical skills in project planning and execution. This report summarizes my internship experience, highlighting challenges encountered, lessons learned, and contributions made to the project. It underscores the integration of academic knowledge with practical application in civil engineering, preparing me for future roles in the construction industry. This abstract encapsulates your internship journey in residential building succinctly, providing a clear overview of your involvement and learning outcomes.