

# **SUMMER INTERNSHIP REPORT**

ON  
**GREEN BUILDING**

FROM

**SOUTH EAST CENTRAL RAILWAY**

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

**BACHELOR OF TECHNOLOGY**

in

**CIVIL ENGINEERING**



**DEPARTMENT OF CIVIL ENGINEERING**  
**GURU GHASIDAS VISHWAVIDYALAYA BILASPUR**  
**CHATTISGARH**

Submitted by

**NIVEDITA MARKO**

**ROLL No. 21024120**



## SOUTH EAST CENTRAL RAILWAY



Office of the  
Chief Administrative Officer/Con/BSP

No. DCE/C/BSP/Internship/2024/41

Date: - 01/07/2024

To,

The Head Department of Civil Engineering  
G.G.V. Bilaspur.

**Sub:** - Internship for the undergraduates of Engineering and  
Management studies.

Ref:-1). Sr. DPO's/BSP's letter No. E/PB/Misc./Summer-Internship/2024  
date. 22.05.2024.

Ref:-2). Office of Sr. Divl.Engineer(Co-Ord)/BSP letter No.  
SECR/BSP/ENGG/Gen/522/Summer-Training/Pt-II/53 date. 22.05.2024

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Respected Sir,

As per above subject, it is inform to you that the following 02 Nos. students of your  
reputed G.G.V. Bilaspur, taken successfully 01 month Summer Internship Training in  
prestigious Green Building project and 1<sup>st</sup> BSP-USL Flyover ROR project of S.E.C. Railway. The  
attendance and performance during training was **VERY GOOD**.

The Students are as mentioned below-

Sl. No.	Name of Student	Collage
01.	Ku. Hema	G.G.V. Bilaspur
02.	Ku. Nivedita	

We wish to their all success, weil place and bright future in life.

(Rakesh Kumar Divya)

Dy. Chief Engineer/Construction

S.E.C. Railway Bilaspur

उप-मुख्य अभियंता (निर्माण)

Dy. Chief Engineer (Con)

द पू मरेल्वे, बिलासपुर

SEC Railway, Bilaspur

# ABSTRACT

This report explores the principles, benefits, and implementation strategies of green building practices. Green buildings are designed to reduce the overall impact on human health and the natural environment through efficient use of resources, minimizing waste and pollution, and creating healthier indoor environments. This report reviews various sustainable materials, energy-efficient technologies, and innovative construction methods that contribute to green building.

Additionally, it highlights case studies of successful green buildings, examines the economic and social advantages, and addresses the challenges and future directions in the field.

The findings underscore the critical role of green buildings in promoting environmental sustainability and enhancing the quality of life for occupants.