

# **SUMMER INTERSHIP REPORT**

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

Of

**BACHELOR OF TECHNOLOGY**

In

**CIVIL ENGINEERING**

Submitted by

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ROLL. NO.- 21024121



DEPARTMENT OF CIVIL ENGINEERING

GURU GHASIDAS VISHWAVIDYALAYA, A CENTRAL UNIVERSITY

(Accredited A++ Grade by NAAC)

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GOVERNMENT OF CHHATTISGARH  
**PUBLIC HEATH ENGINEERING DEPARTMENT**  
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## CERTIFICATE

To whom it May Concern

This is to certified that **PEMENDRA SAHU** S/o D/s Shri **DR. BHUNESHWAR LAL SAHU**  
**B.Tech. IN CIVIL ENGINEERING** Student **Guru Ghasidas Vishwavidyalaya**  
(A Central University) Bilaspur (C.G.) has undergone vocational training at this office  
from 16.05.24 to 20.06.24

He has completed his training successfully During the training period his behavior his good  
& best wishes for bright future.

 15.07.2024  
Assistant Engineer  
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## ABSTRACT

The construction of water storage facilities is crucial for ensuring adequate water supply in urban and rural areas. Reinforced cement concrete RCC water tanks, focusing on structural integrity, durability, and functionality. The design process involves understanding load requirements, material properties, and environmental factors to ensure long-term performance and construction of an RCC water tank with a capacity of 60 Kiloliter Construction techniques, including formwork, reinforcement detailing, and concrete placement, are critical to achieving quality and consistency in tank fabrication. Additionally, maintenance practices such as periodic inspections, repair methodologies, and corrosion protection strategies are essential to prolonging the service life of RCC water tanks. This abstract provides an overview of the key aspects involved in the lifecycle of RCC water tanks, highlighting their importance in sustainable water management and infrastructure development.

Feel free to adjust it according to specific details or additional points relevant to your particular project or study.