

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“READY MIX CONCRETE AND CONSTRUCTION EQUIPMENTS”

Submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. DARSHAN R

(1SV19CV405)

Internship was carried out at

“HNS CONCRETES”, Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Ms. Niranjani B. M. Tech.

Assistant Professor

Dept. of Civil Engineering

EXTERNAL GUIDE

Mr. Shreekumar Menon

Senior Engineer

RMC plant at HNS INFRA, Tumkuru



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001:2015 Certified Institution)

TUMKUR – 572106, KARNATAKA (2021-2022)

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001: 2015 Certified Institution)

Sira Road, Tumkuru-572106

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this internship report of Internship on topic entitled "READY MIX CONCRETE AND CONSTRUCTION EQUIPMENTS" has been carried out by DARSHAN R bearing USN: 1SV19CV405 in partial fulfillment of the requirements for the award of Bachelor of Engineering in Civil Engineering from Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship topic prescribed for the Bachelor of Engineering.

Signature of Internal Guide

Ms. NIRANJANI B.

Assistant Professor

Dept. of Civil Engineering

Signature of HOD

Dr. G. MAHESH KUMAR.

Head and Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON.

Senior Engineer

RMC plant at HNS INFRA, TUMKUR

Signature of Principal

Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) Dr. C. Nagaraj
- 2) Radhika TN

Signature with date

ABSTRACT

Ready-mix concrete (RMC) is a ready-to-use material, with predetermined mixture of cement, sand, aggregates and water. RMC is a type of concrete manufactured in a factory according to a set recipe or as per specifications of the customer, at a centrally located batching plant. RMC is preferred to on-site concrete mixing because of the precision of the mixture and reduced worksite confusion. It facilitates speedy construction through programmed delivery at site and mechanized operation with consequent economy. It also decreases labour, site supervising cost and project time, resulting in savings. Proper control and economy in use of raw material results in saving of natural resources. It is a common fact that we find a wide variety of construction machines on every construction site, which make the construction jobs easy, safe and quicker. Good project management in construction must vigorously purpose the efficient utilization of Labour, material and equipment. The use of new equipment and innovative has made possible wholesale changes in construction technologies in recent decades. The selection of the appropriate type and size of construction equipment often affects the required amount of the time and effort and thus the job site productivity of a project.

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, **DARSHAN R** bearing USN **1SV19CV405** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**CONSTRUCTION EQUIPMENTS**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

HNS INFRA
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