Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Sira Road, Tumkur - 572 106, Karnataka, India.
Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628
Ref: SIET/CV/INT/2022-2023/25 Date: 10/08/2022
Email: info@shridevienginering.org, principal@shridevienginering.org | Website: www.shridevienginering.org
(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)
ESTD:2002
20 YEARS
Academic Excellence

To,

Assistant Executive Engineer
PWD
Urban Sub division
Tumkur 572101

Subject: Permission to carry out internship reg..,

Dear sir ,

At the outset, we express our heartfelt thanks for permitting the following student to complete the internship at your esteemed organization.

Sl. No	Name of the Student	USN	Mobile No.	Email
1	Monisha B P	1SV19CV016	9113515630	monishabp33@gmail.com

In this regard, I am happy to permit the above student to carry out his internship from 22/08/2022 to 10/09/2022 in your esteemed organization & seek your co operation in completing his/her internship successfully.

Thanking you & looking forward to your continuous support.

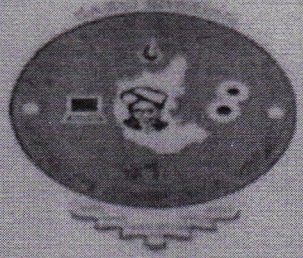
Yours

PRINCIPAL
PRINCIPAL
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
TUMKUR - 572 106

1/9/22

PRINCIPAL
SIET. TUMKUR.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018



INTERNSHIP REPORT

on

"CONSTRUCTION OF PILE FOUNDDATION BRIDGE"

Submitted in partial fulfilment for the award

BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted by:

MONISHA B.P
(1SV19CV016)

Under the guidance of

Internal Guide
Ms. NIRANJANI B
Assistant Professor
Dept of Civil Engineering
SIET, Tumkur

External Guide
Mr. PRADEEP KUMAR
Assistant Engineer
PWD, TUMKUR

PRINCIPAL
SIET. TUMKUR.

SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKUR - 572106

2022-23

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur -572106.
DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI
EDUCATION

CERTIFICATE

This is to be certified that the report on Internship entitled "PROPOSED CONSTRCTION OF PILE FOUNDATION BRIDGE TUMUR" carried out by Ms. MONISHA B.P (1SV19CV016) bonafide student of **SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR** in partial fulfillment for the award of degree **Bachelor of Engineering in** CIVIL ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the year 2022-2023. It is certified that all corrections / 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 the curriculum prescribed for the bachelor degree

Signature of the Internal Guide
Ms.NIRANJANI B
Assistant Professor
SIET, Tumkur

Signature of the External Guide
Mr. PRADEEP KUMAR
PWD Engineer
Construction of brdge ,
Tumkur

Signature of the HOD
Dr. G. MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering
SIET, Tumkur

PRINCIPAL
SIET, TUMKUR.

Signature of the Principal
Dr. NARENDRA VISHWANATH
Principal, SIET, Tumkur

External viva-voce

Name of the Examiners	Signature with Date
1) Mangesh .H.N	1) 23/8/23
2) B N Prabhu	2)

ABSTRACT

As a part of academic requirement of university, we have to carry out internship programme in an industry set up related to the construction/materials testing laboratories/project management consulting firms or other avenues related to civil engineering domain in consultation, for about one month. The main intention of this programme is to get industrial exposure in terms of structural as well as in construction work. This document represents a set of work done as a part of internship.

We found **PILE FOUNDATION BRIDGE** as one of the good project which offered us for internship. Hence, I am thankful for the **ENGINEER OF PRADEEP KUMAR ,** Tumkur.

PRINCIPAL
S.I.T. TUMKUR.

GOVERNMENT OF KARNTAKA

TELEPHONE : 0816-2005661

OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER
PWD TUMKUR URBAN SUB-DIVISION,
TUMKUR –572101.

Email. aeepwdtowntmk@gmail.com

Ref No : AEE/PWD/TOWN/TMK/INTERNSHIP/2023-24/39 Date: 21/04/2023

TO WHOME SOEVER IT MAY CONCERN.

****

This is to certify that, Mis Monisha B P (USN: 1SV19CV016) Undergoing B.E 8TH Sem Civil Engineering from Sri Shridevi Institute of Engineer Technology has successfully completed his internship at Public Works Department Tumkur Urban Sub Division, Kunigal Road, Tumkur as per his curriculum requirement from 28th August 2022 to 10th September 2022.

She has been found sincere and hard working to the best of our knowledge & Satisfaction during his tenure over here.

We wish him all the best for his future endeavors.

Authorized Signature

PRINCIPAL
SIET. TUMKUR.

Assistant Executive Engineer
P.W.D. City Sub Division,
TUMKUR - 572 102.

READY MIX CONCRETE PLANT

PRINCIPAL
SIET. TUMKUR.

Ready mix concrete is specially manufactured to be delivered to the construction site in a state that is mixed and unhardened. This kind of concrete—popularly called RMC—is made in a batching plant or a factory under specially controlled conditions. RMC is often preferred to on-site concrete mixes because the ready-mix variety can mixed using specialized equipment to get just the right mixture. It uses a set recipe and then is delivered to a work site by trucks with in-transit mixers.

RMC is a mixture of cement, water, and aggregates. Cement, the most important element of the mix, is the ingredient that lends concrete its resistance. Water is the vital fluid of the mix. It sets off a chemical reaction when it comes in contact with the cement. Aggregates, which make up the most abundant part of the mix—roughly 60 to 70 percent of the volume—are sand, gravel, and crushed stones obtained from quarries or aggregate banks. Lastly, solid or liquid additives are introduced to ready mix concrete before or during preparation. These increase concrete's durability or shorten its setting time. All of these ingredients are procured individually, then mixed in specific proportions as dictated by the needs of the job. During the mixing phase, the components are brought together into a uniform concrete mass. Care is taken to precisely measure the mixing time, which begins the moment the water and other material are poured into the cement mixer and the mixer begins rotating.

Photo gallery:

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SIET. TUMKUR.