

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi



Ref: SIET/CV/INT//2022-2023/ 2

Date: 22/08/2022

To,

Mr. Anand Kumar
Assistant Executive Engineer
Visvesvaraya Jala Nigam Mandali
Tumkur

Subject: Permission to carry out internship reg...

Dear sir,

At the consent, 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	Amrutavarshini P B	1SV18CV002	8904799142	bamruta0315@gmail.com

In this regard, I am happy to permit the above student to carry out his internship from 22/08/2022 to 18/09/2022 in your esteemed organization & seek your co operation in completing his/her internship successfully.

Thanking you & looking forward to your continuous support.

Yours

PRINCIPAL

M. Anand Kumar
PRINCIPAL
SIET, TUMKUR.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018



INTERNSHIP REPORT

on

"CONSTRUCTION OF MAJOR AQUEDUCT OF
YETTHINAHOLE GRAVITY MAIN CANAL"

Submitted in partial fulfilment for the award

**BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING**

Submitted by:

**AMRUTAVARSHINI P BARKI
(ISV18CV002)**

Under the guidance of

Internal Guide

**Dr. G. MAHESHKUMAR
Professor & HOD
Dept of Civil Engineering
SIET, Tumkur**

External Guide

**Mr. PRAKASH H K
Assistant Engineer
VJNL, Yetthinahole Project
TUMKUR**



**SHRIDEVI
EDUCATION**

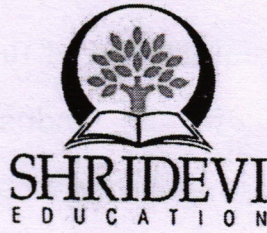
N. Srinivas Kumar

**PRINCIPAL
SIET, TUMKUR.**

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

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the report on Internship entitled "CONSTRUCTION OF MAJOR AQUEDUCT OF YETTHINAHOLE GRAVITY MAIN CANAL" carried out by Ms. AMRUTAVARSHINI P BARKI (1SV18CV002) 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

Dr.G MAHESH KUMAR

Professor & Head

Dept.of civil Engineering

SIET, Tumkur

Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & HOD

Dept. of Civil Engineering

SIET, Tumkur

Signature of the External Guide

Mr. PRAKASH H K

Assistant Engineer

VJNL, Yetthinahole Project

Tumkur

Signature of the Principal

Dr. NARENDRA VISHWANATH

Principal, SIET, Tumkur

External viva-voce

Name of the Examiners

Date

1)

Dr. C. Nagaraj

Narendranath Vishwanath

PRINCIPAL
SIET. TUMKUR.

2)

S.N. Fatima

Signature with

1)

C. Nagaraj 22/5/23

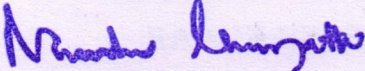
2)

S.N. Fatima 22/5/23

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 VJNL , YETTHINAHOLE PROJECT as one of a good project which offered us for internship. Hence, I am thankful for the CHIEF ENGINEER, Mr. MADHAV OF YETTHINAHOLE PROJECT, TUMKUR.


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2.2 STRUCTURAL COMPONENTS :

2.2.1 SUB STRUCTURE :

1. PCC
2. Foundation
 - a. Open foundation
 - b. Pile foundation

2.2.2 SUPER STRUCTURE :

1. Pier
2. Pier cap
3. Pedestal
4. Elastomeric bearing
5. U-trough
6. Gantry wall
7. Slab and Tie beam
8. Crash barrier

Manjunath Kumar
PRINCIPAL
SIET, TUMKUR.



Fig: -1 Aqueduct

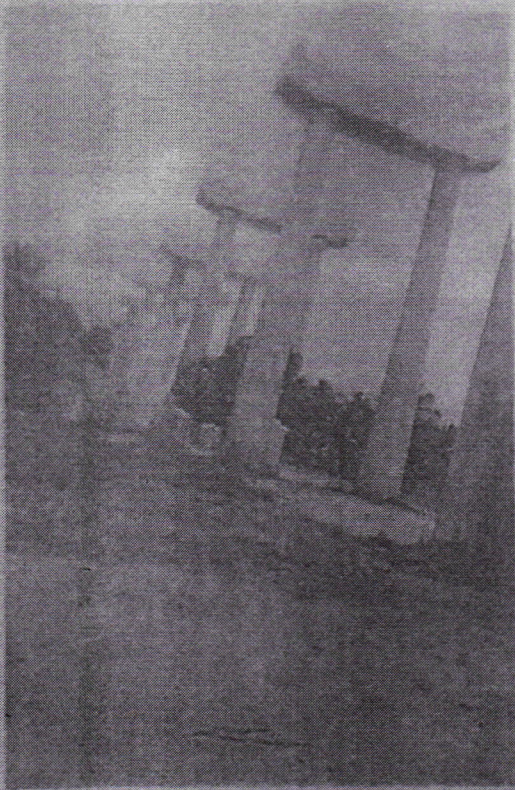


Fig:2 PIER and PIER CAP



Fig:3 Precast U trough



M. Srinivas Kumar
PRINCIPAL
SIET, TUMKUR.

Fig:4 Concreting