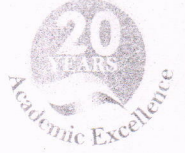


SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Sira Road, Tumkur - 572 106, Karnataka, India.

Phone: 0816 - 2212629 | Principal: 0816 - 2212627, 9686114899 | Telefax: 0816 - 2212628

Email: info@shrideviengineering.org, principal@shrideviengineering.org | Website: www.shrideviengineering.org

SHRIDEVI
EDUCATION

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

Ref: SIET/CV/INT//2022-2023/35

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	Sushmitha R	1SV19CV029	7975850241	sushmithar2009@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.

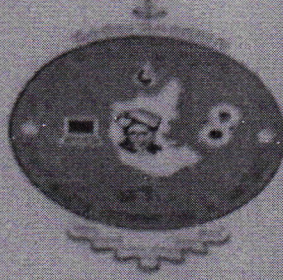
Thanking you & looking forward to your continuous support.

Yours


PRINCIPAL


PRINCIPAL
S.I.E. 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:

**SUSHMITHA R
(ISV19CV029)**

Manohar H N
PRINCIPAL
SIET, TUMKUR.

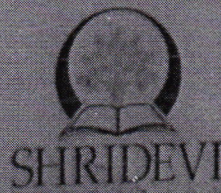
Under the guidance of

Internal Guide

Mr. MANOGNA H N
Assistant Professor
Dept of Civil Engineering
SIET, Tumkur

External Guide

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

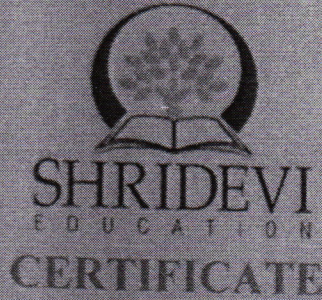


SHRIDEVI
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKUR - 572106

2022-23

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,
DEPARTMENT OF CIVIL ENGINEERING



This is to be certified that the report on Internship entitled "CONSTRUCTION OF MAJOR AQUEDUCT OF YETTHINAHOLE GRAVITY MAIN CANAL" carried out by Ms. SUSHIMITHA R (ISVI9CV029) 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

Mr. MANOGNA H N

Assistant Professor

SIET, Tumkur

Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & HOD

Dept. of Civil Engineering

SIET, Tumkur

PRINCIPAL
SIET, TUMKUR.

Signature of the External Guide

Mr. PRAKASH H K

Assistant Engineer

VJNL, Yetthinahole Project

Tumkur

Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumkur

External viva-voce

Name of the Examiners

1) Manogna H N

2) S. N Kalame

Signature with Date

1) [Signature] 22/8/23

2) [Signature]

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 the good project which offered us for internship. Hence, I am thankful for the CHIEF ENGINEER OF YETTHINAHOLE PROJECT, Tumkur.

M. Srinivas
PRINCIPAL
S.I.E.T. TUMKUR.



ಜಿ. ಶಿವರಾಜ್ ನಾಯ್ಕ
ಬಿ.ವಿ.ಎಸ್.ವಿ.ಜಿ.ನಿಗಮ ಸೀಮಿತ

(ಜಿ.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್.)
Water Resources Department

VISVESWARAYA JALA NIGAM LIMITED

(A Government of Karnataka Enterprise)

No:CE/VJNL/YPZ/TMK/EST/INTERNSHIP/2022-23/ 3401

Date:

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Sushmitha.R** bearing **USN-1SV19CV029**, student of Shridevi Institute of Engineering and technology, Tumakuru. As successfully completed her Internship From **25nd August 2022 to 17th September 2022**, in this Organization. During the period of her internship program with us, she was found punctual, hardworking and inquisitive. During the above period she was permitted to attend regular class on every day.

Date:03-02-2023

Place:Tumakuru

Chief Engineer,
VJNL, Yettinahole Project Zone,
Tumakuru.

Nandha Kumar
PRINCIPAL
S.I.E.T. TUMKUR.



Fig.02: Pier and Pier cap

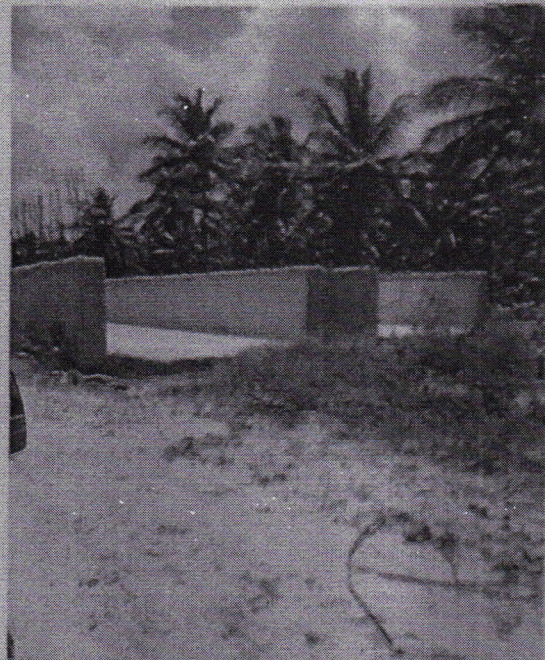


Fig.03: Precast U-Trough



Fig.04: Concreting

Murthy Srinivas
PRINCIPAL
SIET, TUMKUR.

7. In the vast amount of concrete placing, there is a coolant that is used to reduce the heat, which is produced by hydration is called refrigerant coolant.

8. So, these are those actions which are very useful during the construction of the pile cap.

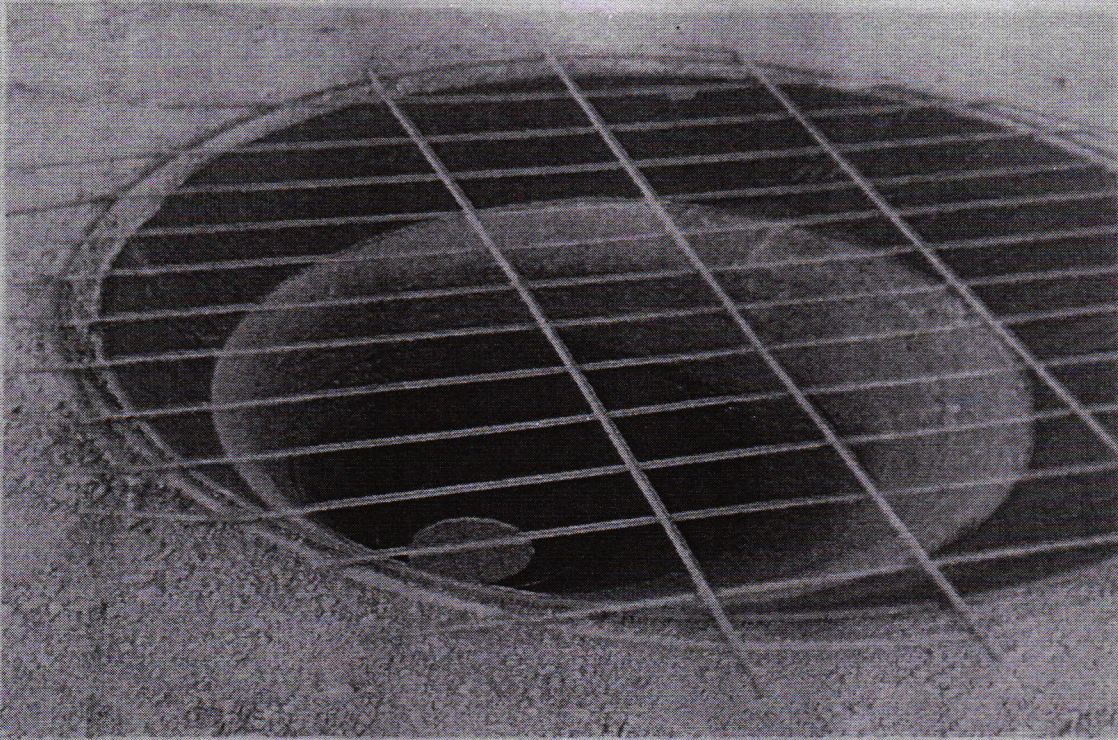


Fig.05: Pile foundation

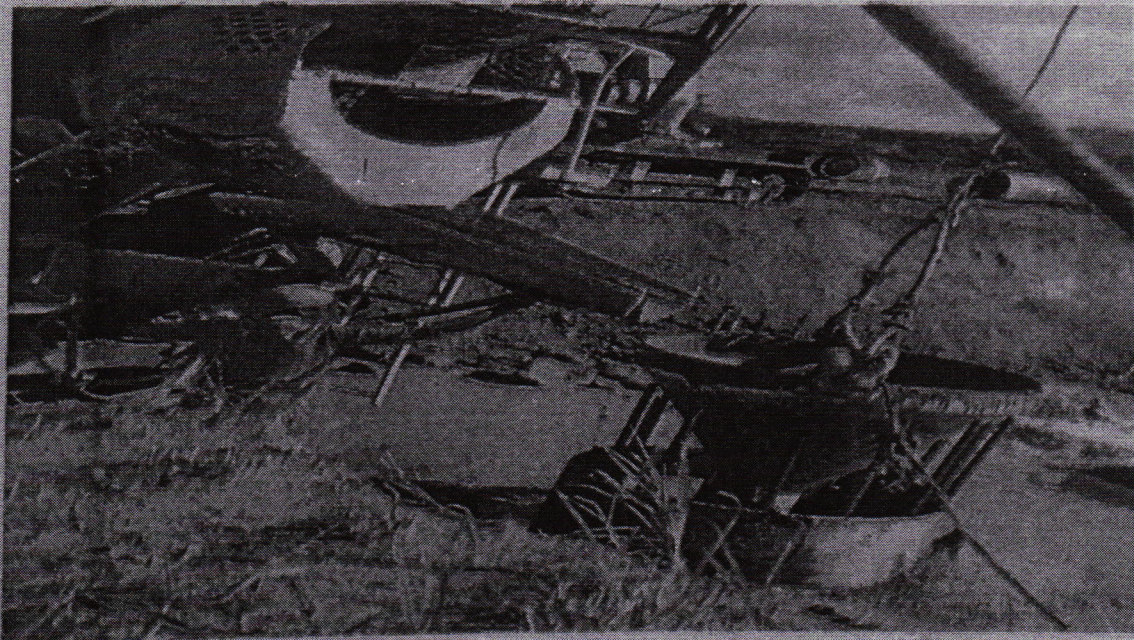


Fig.06: Concreting for pile foundation

N. Srinivas Kumar
PRINCIPAL
SIET, TUMKUR.