



SHRIDEVI
EDUCATION

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

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

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



Ref: SIET/CV/INT/2022-2023/41

Date: 27/08/2022

To,

Mr. Chidanand Ranganath
Managing Director
Shree Builders
Tumkur 572 101.

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	Rajeshwari Madiwalar	1SV20CV402	8217058714	rajeshwarimadiwalar1@gmail.com

In this regard, I am happy to permit the above student to carry out his internship from 25/08/2022 to 10/09/2022 in your esteemed organization & seek your co operation in completing his/her internship successfully.

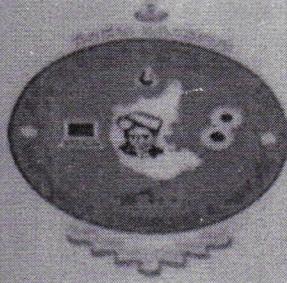
Thanking you & looking forward to your continuous support.

Yours

PRINCIPAL

M. Srinivas
PRINCIPAL
SIET, TUMKUR.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018



INTERNSHIP REPORT

on

"PLAN OF CONSTRUCTION AND FIELD METHODOLOGY"

Submitted in partial fulfilment for the award

**BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING**

Submitted by:

**RAJESHWARI MADIWALAR
(1SV20CV402)**

Under the guidance of

Internal Guide

**Mr. PRAKASH J
Assistant Professor
Dept of Civil Engineering
SIET, Tumkur**

External Guide

**Mr. CHIDANAND RANGANATH
Managing Director
SHREE BUILDERS
TUMKUR**



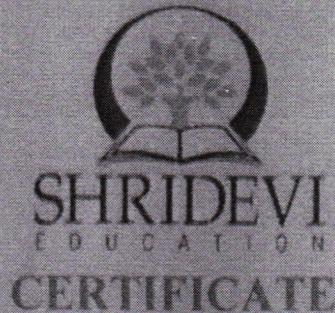
Manjunath Ranganath
PRINCIPAL
SIET, TUMKUR.

**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 "PLAN OF CONSTRUCTION AND FIELD METHODOLOGY" carried out by Ms. RAJESHWARI MADIWALAR (ISV20CV402) 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. PRAKASH J

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. CHIDANAND RANGANATH

Managing Director

SHREE BUILDERS

Tumkur

Signature of the Principal

Dr. NARENDRA VISHWANATH

Principal, SIET, Tumkur

External viva-voce

Name of the Examiners

1) Mangana A.N.

2) S N Fatima

Signature with Date

1) [Signature] 22/07/23

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 **SHREE BUILDERS** as one of the good project which offered us for internship. Hence, I am thankful for the **Mr. Chidanand Ranganath MANAGING DIRECTOR**, Tumkur.

Chidanand Ranganath
PRINCIPAL
SIET, TUMKUR.



SHREE BUILDERS

GSTIN: 29AERFS9405G1ZM

Gmail: shreebuilders98@gmail.com

Phone: 7892534032

Behind Kote Anjeneya Swami Temple, Old Market Circle, Tumkur-572101.karnataka.

CERTIFICATE

This is certify that the project entitled is a bonafide work carried out by Ms. RAJESHWARI MADIWALAR bearing USN-1SV20CV402, from Shridevi Institute of Engineering and Technology, Tumakuru-572106. She was a part of SHREE BUILDERS. As successfully completed her internship from 25th August 2022 to 17th September 2022.

During her period of her internship program with us, she was found punctual and hardworking

For SHREE BUILDERS

13.10.2022

We wish every success in her career.

SHREE

Nandini Srinivas
PRINCIPAL
SIET, TUMKUR.

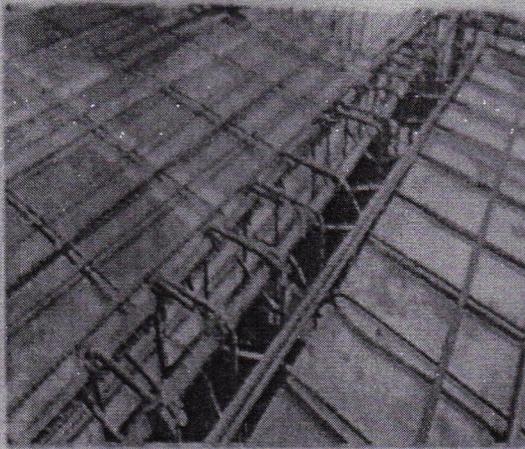


Fig. Checking of beam

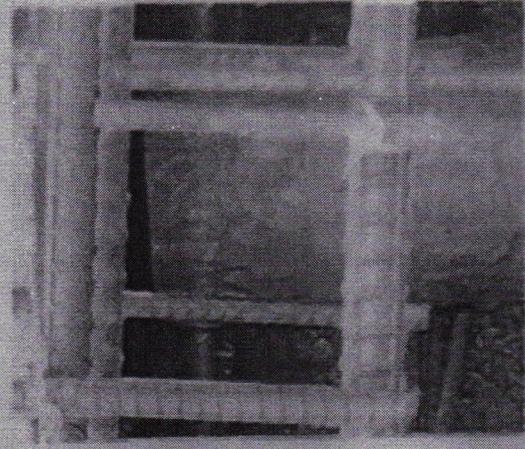


Fig. Sleeves in beam

3.4 Slab Detailing

Once the slab formwork is completed, the slab reinforcement is placed inside it. There are two mats- upper and lower mat. These two are connected by a chair. A chair is a support placed to prevent the upper mat from touching the lower mat.

A cover block of height 15mm as required is used to ensure that the lower mat does not touch the shuttering base and is not seen from the below level. Here too, lapping is provided wherever necessary.

Also, U-bars are provided to give support to the columns.

Murthy Kumar
PRINCIPAL
SIET, TUMKUR.



Fig. Lapping in slab



Fig. Clear cover

Beam and Slab concreting

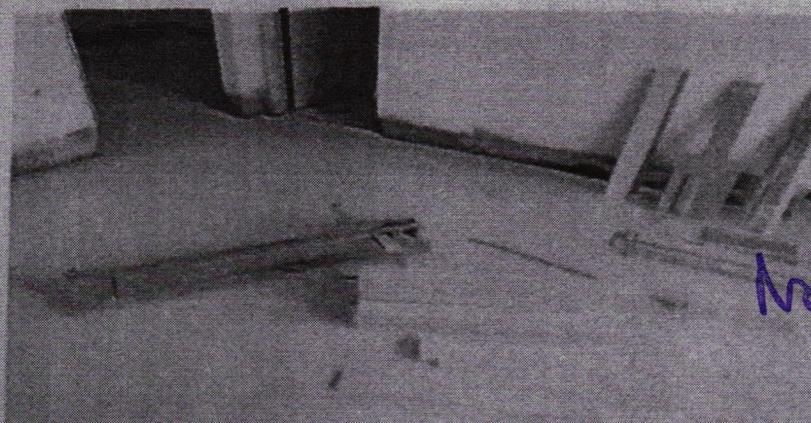
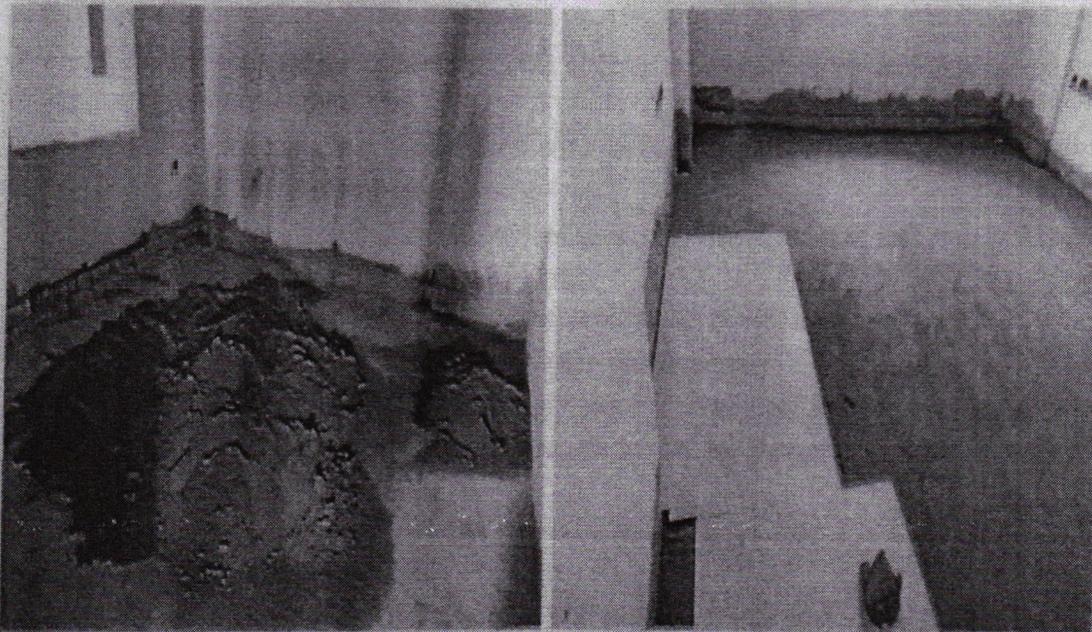
Firstly, we should note that beam concreting is done with slab concreting. After reinforcement and before concreting, there are a list of works to be done. They are:

The housekeeping staff clean the area of unwanted materials. All shuttering gaps are covered using a foam sheet. Runners are checked both inside and outside to ensure they are tight enough. Electrical piping is done at this stage. For cantilever beams, extra support in the form of runners is provided from outside. The ducts are covered with shuttering to ensure

- Tiles near wall are supposed to be placed 12 mm away from wall for skirting.
- After laying tile, it should be levelled by light tamping with wooden mallet.
- Spacers should be used to maintain the alignment of tiles.
- Spacers are provided for removal of air below tiles or extra cement.
- Surface is now kept for drying.

Step 4: Post Tiling Work

When the floor dries, floor should be cleaned thoroughly. After curing for three days (avoid unnecessary foot movements), cover the tile flooring with bubble sheet/POP Sheet to avoid anyscratched. As we approach possession of unit. grout of shade matching to the tile or white cementis filled the tile joint. Washing and cleaning of finished floor after completely drying.



Narash Channappa
PRINCIPAL
SIET, TUMKUR.