



Ref: SIE/DCV/INT/2022-2023/24

Date: 21/08/2022

To,

Mr. Sharath P
Chief Executive Engineer
Buildwick Engineers and Developers
Tumkur 572101

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	Manoranjan T H	ISV19CV015	9980428088	manoranjanmano9@gmail.com

In this regard, I am happy to permit the above student to carry out his internship from 21/08/2022 to 10/09/2022 in your esteemed organization & seek your co operation in completing his/her internship successfully.

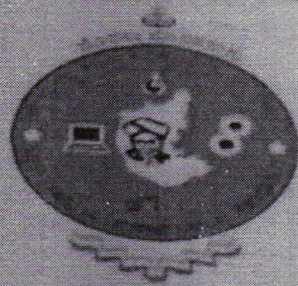
Thanking you & looking forward to your continuous support.

Yours

PRINCIPAL

Manoranjan Th
PRINCIPAL
SIET, TUMKUR.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018



INTERNSHIP REPORT

on

"CONSTRUCTION OF RESIDENTIAL BUILDING"

Submitted in partial fulfilment for the requirement for the award of degree

BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted by:

MANORANJAN T H
(1SV19CV015)

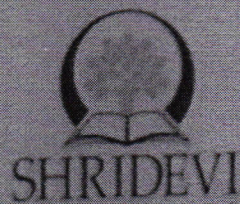
Under the guidance of

Internal Guide

Mrs. RADHIKA T N
Assistant Professor
Dept of Civil Engineering
SIET, Tumakuru

External Guide

Mr. M. PRAJWAL
Consulting engineer & Contractor
M.P Constructions, Hassan

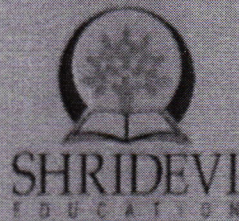


Manjula Srinivas
PRINCIPAL
SIET, TUMKUR.

DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKURU - 572106
2022-23

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru -572106,
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the report on Internship entitled "CONSTRUCTION OF RESIDENTIAL BUILDING" carried out by Mr. MANORANJAN T H (ISV19CV015) bonafide student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU in partial fulfilment 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.

Radhika T N

Signature of the Guide
Mrs. RADHIKA T N
Assistant Professor
Dept. of Civil Engineering
SIET, Tumakuru

G Mahesh Kumar

Signature of the HOD
Dr. G Mahesh Kumar
Professor and Head
Dept. of Civil Engineering
SIET, Tumakuru.

Narendra Viswanath

Signature of the Principal
Dr. Narendra Viswanath
Principal
SIET, Tumakuru.

Narendra Viswanath
PRINCIPAL
SIET, TUMKUR.

External Viva

Name of the Examiners

- 1 *Manogna HN*
- 2 *S.N. Fatima*

Signature with date

Manogna HN
23/2/23
S.N. Fatima

Abstract

India Is a Developing Country Which Has Given More Importance For Improving The Infrastructure In The Entire Nation. As A Result, The Cities Are Becoming More Developed with

Complete Infrastructure Facilities Such As Improvement In Transportation, Metro Railways, Etc

M.P CONSTRUCTIONS behind TVS showroom mahalakshmi layout channarayapatna Hassan 573116 , KARNATAKA, INDIA. Our business role is based on providing Civil works related services to the Engineer Disciplines. Based on the requirement of our customers we explore the challenges in works to satisfy their needs. There is a great need for civil Construction based industries at present to deal with our services, In addition to these Services. We work not only for the profit but also for the smiles the highest price we can get. We work for the ultimate satisfaction of the customers through engineering services. Under our company we are supporting for the outsourced civil drawing from both materials and construction. Based on their requirement some correction and modifications will be done in the corresponding works. For civil projects starting from the Scheme plan to the final Interior design we are providing the models based on customer.

M. P. Constructions
PRINCIPAL
SILENT TUMKUR.

M. PRAJWAL,

B.E., (Civil) A.M.I.E

Consulting Engineer & Contractor

Consult for: Building Construction, Planning, Estimation,
Supervision, 3D Elevation, Valuation & Layout



Mob : 8217493659

6362903008

Raghavendra Saw Mill Cross Road

Behind TVS Showroom,

Mahalakshmi Lay-out

CHANNARAYAPATNA-573116

Hassan Dist

Ref. No.

Date

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr MANORANJAN T.H (ISV19CV015) of B.E., Civil Engineering student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Tumkur, has successfully completed internship on (Date: 22/08/2022- 17/09/2022) "Construction of Residential Building" at M.P CONSTRUCTIONS, Tumkur. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him all the best for future endeavors.

Thanking you

M. PRAJWAL

B.E., (Civil) A.M.I.E

Consulting Engineer & Contractor

Behind TVS Showroom Mahalakshmi Lay-out

CHANNARAYAPATNA-573116, Hassan Dt

Ph: 8217493659, 6362903008

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Chapter 5

Construction materials

At the construction site following materials were being used

5.1. Cement: The function of cement is to combine with water and to form cement paste. This paste first sets i.e. it becomes firm and then hardens due to chemical reaction, called hydration, between the cement and water. On setting & hardening, the cement binds the aggregate together into a stone like hard mass & thus provides strength, durability & water-tighten to the concrete. Quality of cement is based on grade of cement.

The grades of cement are

33 Grades.

43 Grades.

53 Grades.

At the site Portland cement of 43 grades (ULTRATECH CEMENT) was used.

- The initial setting time of cement = 30 minutes (1/2 hr.).
- The final setting time of cement = 10 hrs.



Fig .3 cement

Nandhu Kumar
PRINCIPAL
SEIT, TUMKUR.

Chapter 6

Steps involved in construction

- Site clearance
- Marking
- Excavation
- Foundation
- Concreting
- Wall construction
- Beam and column
- Finishing

6.1. Site clearance

A number of conditions determines the kind of building that may be erected on a plot of ground. These conditions determine where on the plot it may be located. There are also covenants that are legally binding regulations. These may be setting height of building, prohibit utility of buildings or ban rooftop network towers etc. Zoning laws regulate the setback and other factors that play into equation of house location a lot. Septic tanks also require special considerations and a certificate of occupancy is also required for some loaning and legal processes.

6.2. Marking: Layout of a building or a structure shows the plan of its foundation on the ground surface according to its drawings, so that excavation can be carried out exactly where required and position and orientation of the building is exactly specified.



Fig 8. marking

N. Srinivas Kumar
PRINCIPAL
SLET, TUMIKUR.