

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**"Jnana Sangama", Belagavi – 590018**



## **An Internship Report**

**On**

### **"INTEGRATED BUS TERMINAL (IBT), TUMKUR"**

**Submitted in partial fulfillment of the requirements for the award of degree of**

**BACHELOR OF ENGINEERING IN CIVIL ENGINEERING**

**Submitted by:**

**Ms. SHIMSHA I S**

**(ISVI9CV417)**

**Internship was carried out at**

**"Sri Mahalakshmi Arcade, 1<sup>st</sup> Floor, SS Puram Main Road, Coffee Board Colony",**

**Tumkuru-572102**

#### **INTERNAL GUIDE**

**Mrs. Radhika T N. M. Tech.**

**Assistant Professor,**

**Dept. of Civil Engineering,**

#### **EXTERNAL GUIDE**

**Mrs. RASHMI S R**

**Assistant Engineer,**

**Tumakuru Smart City Limited, Tumakuru**



**DEPARTMENT OF CIVIL ENGINEERING**

**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**(An ISO 9001:2015 Certified Institution)**

**TUMKUR – 572106, KARNATAKA (2021-2022)**

# SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

This is to be certified that the report of Internship on topic entitled “**INTEGRATED BUS TERMINAL (IBT)**” out Carried out by **Mrs. SHIMSHA I S (USN: 1SV19CV417)** 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 2021-2022. It is certified that all corrections / Suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. 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.*  
22/7/22

Signature of the Guide

**Mrs. RADHIKA T N**

Asst.Professor  
Civil Engineering  
SIET, Tumakuru

*Dr. G. Mahesh Kumar*

Signature of the HOD

**Dr.G.MAHESH KUMAR**

Professor & Head  
Dept of Civil Engineering  
SIET ,Tumkur

*Dr. Narendran Viswanath*

Signature of the Principal

**Dr.NARENDRA VISWANATH**

Principal  
SIET ,Tumkur

### External viva-voce

#### Name of Examiners

- 1) Dr. C. Nagaraj
- 2) Radhika T.N.

#### Signature with Date

C. Nagaraj 29/7/22  
Radhika T.N. 29/7/22



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್  
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09<sup>th</sup> June 2022

**INTERNSHIP CERTIFICATE**

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. Shimsha I S** (1SV19CV419) Student of Shridevi Institute of Engineering & Technology, Tumkur pursuing her B.E in Civil Engineering has successfully completed her internship for a duration of **01.09.2021 to 30.09.2021** in Tumakuru Smart City Limited, Tumakuru. During this period, she was involved "**Study and Analysis of below mentioned project**" of Tumakuru Smart City Limited.

1) Development of Integrated Bus Terminal.

In this period, she has shown keen interest in her internship and her conduct was found satisfactory.

We wish her success in all his future endeavors.

  
**Managing Director &  
Chief Executive Officer.**

## **Abstract**

This report is an INTERNSHIP report submitted in partial fulfilment of the requirements for the degree in civil engineering as per norms of VTU. The report consists of various sites visited and different work carried out in different sites and procedures used at the site construction. I put my best to elaborate the actual site conditions and problem faced at site and the strategy used to deal with them. The main objective in this report is to present the fundamental aspects of practical requirements. The sites in this report the objective was to introduce, wherever necessary material which embodies the most advanced and recent methodologies.

The construction industry is repeatedly criticized for being inefficient and slow to innovate. The basic methods of construction, techniques and technologies have changed little since Roman times. But the application of innovation in the construction industry is not straight forward.

The term 'advanced construction technology' covers a wide range of modern techniques and practices that encompass the latest developments in materials technology, design procedures, quantity surveying, facilities management, services, structural analysis and design, and management studies.

The adoption of advanced construction technology requires an appropriate design, commitment from the whole project team, suitable procurement strategies, good quality control, appropriate training and careful commissioning.