

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“DEVELOPMENT OF TUDA LAYOUTS”

**Submitted in partial fulfillment of the requirements for the award of degree of
BACHELOR OF ENGINEERING IN CIVIL ENGINEERING**

Submitted by:

Mr. ROSHAN MAHATO SINGH

(ISVI8CV029)

Internship was carried out at

**“Tumkuru Urban Development Authority Beside Thammaiya Hospital, Hanmanthapura”,
Tumkuru**

INTERNAL GUIDE

Mrs. RADHIKA T.N. M. T.ch.

Assistant Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. YOGANANDA. C.

Commissioner,

**Tumkuru,
TUDA, Tumkuru**



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

(An ISO 9001: 2015 Certified Institution)

Sira Road, Tumkuru-572106

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this internship report of Internship on topic entitled “DEVELOPMENT OF TUDA LAYOUTS” has been carried out by Mr. ROSHAN MAHATO SINGH bearing USN: 1SV18CV029 in partial fulfillment of the requirements for the award of Bachelor of Engineering in Civil Engineering from Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections and 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 internship topic prescribed for the Bachelor of Engineering.

Radhika T.N.

Signature of Internal Guide

Mrs. RADHIKA T.N.

Assistant Professor

Dept. of Civil Engineering

G. Mahesh Kumar

Signature of HOD

Dr. G. MAHESH KUMAR.

Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. YOGANANDA .C.

Commissioner

TUDA, Tumkuru-572101

Narendra Viswanath

Signature of Principal

Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) *Dr. C. Nagaraj*
- 2) *RADHIKA T.N.*

Signature with date

C. Nagaraj 28/7/22
Radhika T.N. 28/7/22

ABSTRACT

India is a developing country which has given more importance for improving the infrastructure in the Entire nation. As the result the cities are becoming more developed with complete infrastructure facilities such as improvement in Transportation, Metro Railway, Building etc,

Tumkuru Urban Development Authority in located beside Thammaiy Hospital, Belgumba road, Hanumanthpura, Tumakuru – 572101, Karnataka.

Efficient layout planning of a construction site is fundamental for successful project undertaking enhances both productivity and safety in construction sites. This task usually consists of identifying the temporary facilities needed to support construction operations, determining their size and shape and optimally positioning them in the unoccupied areas within the site boundaries. The site layout planning problem is a complex combinatorial optimization problem involving multiple objectives and it grows significantly in size as the number of facilities and constraints increases. The existing literature includes focus on travel distance minimization, ignoring generally cost related or other decision parameters.

ತುಮಕೂರು ನಗರಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರ

ಬೆಳಗುಂಬ ರಸ್ತೆ, ತುಮಕೂರು-572103

Website:tuda.co.in, email: tudatmk2009@gmail.com

ಸಂಖ್ಯೆ : ತುನಪ್ರಾ/ನಯೋಶಾ/ಇತರೆ/1013/2020-21

ದಿನಾಂಕ:

67/

To

The concerned,
Civil engineering department
Shridevi institute of engineering
&Technology college
Tumakuru

Dear sir/madam

This is to inform that **ROSHAN SINGH MAHATO** bearing **USN:1SV18CV029** of Shridevi institute of engineering & Technology college, Tumakuru Studying BE (Civil) had done the internship training program namely "**Development of TUDA LAYOUTS**" project From last 4 weeks i.e 01/09/2021 to 30/09/2021

With regards


Commissioner

TUDA

9