

SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An ISO 9001:2015 Certified Institution), Recognized by Govt. of Karnataka.

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

(Affiliated to Visvesvaraya Technological University &

Approved by AICTE, New Delhi Vide 06/06/KTK/ENGG/02/017 Dt. 27-05-2002)

Phone: 0816 -2212629 / Principal : 0816-2212627 Tele Fax: 0816 - 2212628



e-mail :info@shrideviengineering.org , principal@shridevlonglnooring.org Website: www. shridevlonglnooring.org

Ref: SIET/CV/INT//2021-2022/ 19

Date:30/08/2021

To

The Commissioner
Tumkur Urban Development Authority (TUDA)
Hanmanthpura
Tumkur 572101

Subject: permission to carry out internship reg...

Dear sir ,

At the outset, 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	AASIMA SULTANA	1SV19CV400	8971696926	aasimasultana2000@gmail.com

In this regard, I am happy to permit the above student to carry out her internship from 01/09/2021 to 30/09/2021 in your esteemed organization & seek your cooperation in completing her internship successfully.

Thanking you & looking forward to your continuous support

Yours Sincerely

PRINCIPAL

PRINCIPAL

SHRIDEVI INSTITUTE OF
ENGINEERING & TECHNOLOGY
TUMKUR - 572106.

30/8/21

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:

Ms. AASIMA SULTANA

(ISVI9CV400)

Internship was carried out at

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

Tumkuru

INTERNAL GUIDE

Ms. NIRANJANI B. M. Tech.

Assistant Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. YOGANANDA. C.

Commissioner,

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

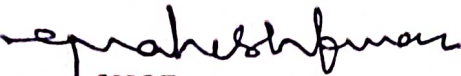
This is to certify that this internship report of Internship on topic entitled “DEVELOPMENT OF TUDA LAYOUTS” has been carried out by Ms. AASIMA SULTANA bearing USN: 1SV19CV400, in partial fulfillment of the requirements for the award of Bachelor of Engineering in Civil Engineering from Visvesvaraya Technological 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.


Signature of Internal Guide

Ms. NIRANJANI B.

Assistant Professor

Dept. of Civil Engineering


Signature of HOD

Dr. G. MAHESH KUMAR.

Professor

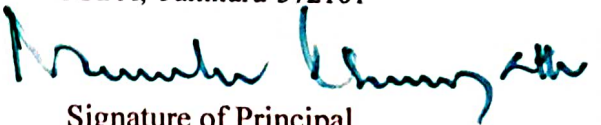
Dept. of Civil Engineering

Signature of External Guide

Mr. YOGANANDA. C

Commissioner

TUDA, Tumkuru-572101


Signature of Principal

Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

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

Signature with date

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

ತುಮಕೂರು ನಗರಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರ

ಬೆಳಗುಂಬ ರಸ್ತೆ, ತುಮಕೂರು-572103

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

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

ದಿನಾಂಕ:

671

To

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

Dear sir/madam

This is to inform that **AASIMA SULTANA** bearing **USN:1SV19CV400** 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


13/6/22
Commissioner

TUDA

9

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.

3.8.3.1 Residential Zone:

a. Permissible under normal circumstances:

All kinds of residential developments Milk booths, HOPCOM centers, vegetable & fruits shops, bakery, shops for daily consumables Medical shop, Flour mill, Tailoring shop, hair cutting salon, beauty parlor, laundry, dry cleaning and ATM Doctors consulting room when the applicant is the owner with an area not exceeding 20 sq m in the main building KPTCL counters, Bus shelters, State and Central govt. establishments, Tele-communication & Micro wave towers and stations subject to production of the structural stability certificate from a registered structural engineer. Open spaces and Play grounds, Public utilities as defined in Karnataka Planning Authority Rules 1965.

b. Permissible under special circumstances by the Authority:

Hostels for working women and men, Paying guest facilities, Old age homes, Orphans Office of advocates and other professional consultation rooms not exceeding 20sqm Places of Worship Cemeteries, Burial grounds Public libraries, Public toilets Vehicle parking including Multilevel car parking Educational institutions up to primary schools, nursing homes and pet clinic.

Note: NOC from Deputy Commissioner of Tumkur district shall be obtained before permitting buildings for places of worship and educational institutions as per GO No: Kane/65/Moab/2001 Dt.24.12.2001 and G.O.No.Na.Aa Yee 237 Bema as 2009 dated 19.09.2009.



Fig7.4.1: Residential zone

3.8.4.2 Commercial Zone

a. Uses permitted under normal circumstances:

All uses permitted in Residential zone under normal and special circumstances All commercial and business uses including all shops, stores, markets except meat and fish, shopping centers, shopping malls and uses connected with the display and sale of merchandise either whole sale or retail and storage incidental to the sale of the same Fuel filling stations Corporate offices, professional service facilities, software offices, offices of commercial undertakings and companies Hotels, Restaurants, lodges, service apartments, cinema theatres, multiplex, community halls, convention centers, kalyanamantapas, banks, clubs Hospitals and Educational institutions subject to space standards given in the Table-I Places of amusement or assembly, advertising signs conforming to relevant byelaws. All uses specified under the definition, civic amenity.

b. Permissible under special circumstances by the Authority:

Automobile workshops & Garages, Truck terminals, Weigh bridges Meat and Fish markets Cold storage, Storage of inflammable materials, Industries as per the list given in Schedule-I



Fig 7.4.2: Commercial zone

3.8.4.3 Industrial Zone

All industries and related activities subjected to clearance from the Karnataka State Pollution Control Board. Storage for industry Public utilities and related buildings, logistics, Stock yards, Sports and recreational uses, Bus and Truck terminals all uses permitted and uses permitted under special circumstances in the Commercial use zone.



Fig 7.4.3: Industrial zone

3.8.4.4 Parks, Play Grounds & Open Spaces

- a. Uses permitted under normal circumstances: Parks play grounds, Stadium, Cemeteries and Crematoria, Burial grounds, Public toilets, Parking, Water storage.
- b. Uses that are permitted under special circumstances by the authority: Open air theaters, Water sports and amusement theme parks, Recreational clubs (Noncommercial nature), Public Libraries, Aquarium, Planetarium, Museum, Balabhavan, Art gallery, Horticultural Nursery, Swimming pool. Uses ancillary to the above such as canteens, milk booths, hopcom centers may be permitted not exceeding 5% of total area limited to ground plus one floor only.



Fig 3.11.1(e): Parks



Fig 3.11.1(f): Community amenities



Fig 3.11.1(g): Electricity





SIET CSE and ECE students visited SCII, Tumkur and carried out Project and Internship complete work during AY 2021-22.

Fwd: Reg : Details as discussed

2 messages

Anjana Murthy M <anjan.tnp@gmail.com>
To: roopatc.cit@gmail.com

Thu, Jun 15, 2023 at 2:04 PM

----- Forwarded message -----

From: **PRINCIPAL SIET** <principal@shrideviengineering.org>
Date: Mon, Aug 30, 2021 at 12:19 PM
Subject: Re: Reg : Details as discussed
To: Alexander Varkey <alex@scii.in>
Cc: Anjana Murthy M <anjan.tnp@gmail.com>, Biswanath Misra <biswanath.003@scii.in>, <backoffice@scii.in>, Thanmayananda Maruthi Prasad <thanmay.169@scii.in>, M S Patil <m spatil.shridevi@gmail.com>

Dear Alex,

Greetings from SIET, Tumakur.

Hope this mail finds in best of your times.

As earlier discussed with you and also in continuation of discussion with Prasad, I would like to inform you that after lot of convincing, we are able to mobilize (still 30 numbers yet to reach) students to take up the training at SCII by paying atleast Rs. 12000.00 per student.

Please reconsider our request to provide internship training, project assistance and completion of project for a batch of 30 students at Rs. 12000.00 per student.

I also propose, if any additional module needs to be learnt by student, then they may take up that module if interested by registering once again by paying additional fee as negotiated at that time.

Hope our request is reconsidered and the internship training commences as scheduled from 1st september 2021.

Looking forward to hearing from you at the earliest.

Thanks.

On Fri, Aug 13, 2021 at 6:06 PM T M Prasad <thanmay.169@scii.in> wrote:

Dear Mr. Anjan
Greetings from SCII.

As discussed, kindly find the details attached for your consideration to proceed further.

Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>
E-Mail: thanmay.169@scii.in
Mob : 9845032182
Tel : 0816-2211724

With Regards,

Dr. Narendra Viswanath Ph.D.,

Principal

=====

**SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

SIRA ROAD, NH-4, TUMKUR - 572106. KARNATAKA..

Mob: 9686114899 (Official) | Tel: 0816-2212627 | Fax 0816-2212628

"Every 3000 Sheets of paper costs us a tree.. Save trees... Conserve
Trees. Don't print this email or any Files unless you really need to!!!!"
#####

Anjana Murthy M

BE., MBA., MISTE.

Training & Placement Officer I Shridevi Institute of Engineering & Technology I Tumkur I
Phone: 08904547659 / 09448118627

Anjana Murthy M <anjan.tnp@gmail.com>
To: roopatc.cit@gmail.com

Thu, Jun 15, 2023 at 2:05 PM

----- Forwarded message -----

From: **T M Prasad** <thanmay.169@scii.in>

Date: Tue, Aug 31, 2021 at 3:53 PM

Subject: Re: Reg : Details as discussed

To: PRINCIPAL SIET <principal@shrideviengineering.org>

Cc: Anjana Murthy M <anjan.tnp@gmail.com>, Biswanath Misra <biswanath.003@scii.in>, <backoffice@scii.in>, M S Patil <m spatil.shridevi@gmail.com>, <Alex@scii.in>

Dear Mr. Anjan
Greetings from SCII.

As discussed, we request you to provide the details required as attached to proceed further.

Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>

E-Mail: thanmay.169@scii.in

Mob : 9845032182

Tel : 0816-2211724

On 8/30/2021 5:57 PM, T M Prasad wrote:

Dear sir
Greetings from SCII.

In line with our recent discussion, We appreciate your team's effort.

We'd like to inform you that, unfortunately, we cannot proceed with 464 .
hours of Training for 12,000.00
All we can offer is 200 hours of Internship training.

If you have any queries/clarifications you can reach the undersigned contact
person and the best time to reach is between 09:00 and 18:00 IST.


Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>
E-Mail: thanmay.169@scii.in
Mob : 9845032182
Tel : 0816-2211724

[Quoted text hidden]

[Quoted text hidden]

 **SIET Internship Candidates.xlsx**
11K

Fwd: {Disarmed} Re: Fwd: Request for Presentation on Internship and students Academic Projects

1 message

Anjana Murthy M <anjan.tnp@gmail.com>
To: roopatc.cit@gmail.com

Thu, Jun 15, 2023 at 2:01 PM

----- Forwarded message -----

From: **Thanmayananda Maruthi Prasad** <thanmay.169@scii.in>
Date: Wed, Jul 28, 2021 at 10:09 AM
Subject: {Disarmed} Re: Fwd: Request for Presentation on Internship and students Academic Projects
To: Anjana Murthy M <anjan.tnp@gmail.com>
Cc: backoffice@scii.in <backoffice@scii.in>, Biswanath Misra <biswanath.003@scii.in>

Dear Mr. Anjan
Greetings from SCII.

We greatly appreciate your reaching out to us soon after our initial discussion. It is gladdening to hear that you and your institute would be open to our Internship Presentation.

Kindly share the below schedule to all concerned to join the meeting.

Internship Presentation :

Friday, 30 July 11:00 ~ 12:00 IST

Google Meet joining info

Video call link: **MailScanner has detected definite fraud in the website at "meet.google.com". Do not trust this website:** <https://meet.google.com/acg-fygn-ntc>

We request you to share us the list of attendees with details in Excel format by 28-Jul-2021 so that join request will be accepted as per schedule.

Revert (use Reply all) to this mail as a receipt of this information and to confirm the schedule to proceed further.

If you would like more information, we would be more than happy to provide.

Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>E-Mail: thanmay.169@scii.in

Mob : 9845032182

Tel : 0816-2211724

Subject: Request for Presentation on Internship and students Academic Projects

Date: Tue, 27 Jul 2021 16:13:10 +0530
From: Anjana Murthy M <anjan.tnp@gmail.com>
To: info@scii.in, backoffice@scii.in

Dear Sir,

Greetings from all of us at Shridevi Institute of Engineering & Technology, Tumkur.

Reference to the above subject, our 6th semester students have to attend and complete their Internship between 6th & 7th semester. Along with this they have to do students' academic projects also.

Hence we are looking for support from you for Internship as well as Project for our students. In this context, Kindly arrange an online demo or presentation about the Internship opportunities and students project from you along with the cost to our 6th semester CSE and ECE students (around 60 students) using any online platform like zoom, Google meet, webex... on any suitable date and time as per your convenience.

If you share the link and other details we will inform our students to join along with the Principal, me, Dept HoDs and Faculty Coordinator will also join the meeting session.

Post the meeting we will identify the students who are interested and will forward the list to you for your next process.

Kindly support.

With warm regards,

Anjana Murthy M

BE., MBA., MISTE.

**Training & Placement Officer | Shridevi Institute of Engineering & Technology | Tumkur |
Phone: 08904547659 / 09448118627**

Fwd: {Disarmed} Re: {Disarmed} Re: {Disarmed} Re: Fwd: Request for Presentation on Internship and students Academic Projects

1 message

Anjana Murthy M <anjan.tnp@gmail.com>
To: roopatc.cit@gmail.com

Thu, Jun 15, 2023 at 2:00 PM

----- Forwarded message -----

From: **Thanmayananda Maruthi Prasad** <thanmay.169@scii.in>
Date: Thu, Jul 29, 2021 at 12:06 PM
Subject: {Disarmed} Re: {Disarmed} Re: {Disarmed} Re: Fwd: Request for Presentation on Internship and students Academic Projects
To: Anjana Murthy M <anjan.tnp@gmail.com>
Cc: backoffice@scii.in <backoffice@scii.in>, Biswanath Misra <biswanath.003@scii.in>, PRINCIPAL SIET <principal@shrideviengineering.org>

Dear Mr. Anjan
Greetings from SCII.

Thank you for the list.
SCII looking forward to have the session.

Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>
E-Mail: thanmay.169@scii.in
Mob : 9845032182
Tel : 0816-2211724

On 7/29/2021 10:31 AM, Anjana Murthy M wrote:

Dear Sir,

Please find herewith attached list of students attending presentation on Internship and Projects scheduled tomorrow at 11AM.

We will insist Department HoDs along with their Faculty Placement Coordinator also join the session.

Thank you with warm regards,

On Wed, Jul 28, 2021 at 10:09 AM Thanmayananda Maruthi Prasad <thanmay.169@scii.in> wrote:

Dear Mr. Anjan.
Greetings from SCII.

We greatly appreciate your reaching out to us soon after our initial discussion.
It is gladdening to hear that you and your institute would be open to our Internship Presentation.

Kindly share the below schedule to all concerned to join the meeting.

Internship Presentation :

Friday, 30 July 11:00 ~ 12:00 IST

Google Meet joining info

Video call link: MailScanner has detected definite fraud in the website at "meet.google.com". Do not trust this website: MailScanner has detected definite fraud in the website at "meet.google.com". Do not trust this website: MailScanner has detected definite fraud in the website at "meet.google.com". Do not trust this website: <https://meet.google.com/acg-fygn-ntc>

We request you to share us the list of attendees with details in Excel format by 28-Jul-2021 so that join request will be accepted as per schedule.

Revert (use Reply all) to this mail as a receipt of this information and to confirm the schedule to proceed further.

If you would like more information, we would be more than happy to provide.

Thanks & Regards

Thanmayananda Maruthi Prasad
System Consultant Information India (P) Ltd
Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex
2nd Stage (KSSIDC Hand Tool Layout) Madhugiri Road,
ARAKERE P.O. Tumkur 572106 Karnataka India

URL: <http://www.scii.in>

E-Mail: thanmay.169@scii.in

Mob : 9845032182

Tel : 0816-2211724

Subject: Request for Presentation on Internship and students Academic Projects

Date: Tue, 27 Jul 2021 16:13:10 +0530
From: Anjana Murthy M <anjan.tnp@gmail.com>
To: info@scii.in, backoffice@scii.in

Dear Sir,

Greetings from all of us at Shridevi Institute of Engineering & Technology, Tumkur.

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Hence we are looking for support from you for Internship as well as Project for our students. In this context, Kindly arrange an online demo or presentation about the Internship opportunities and students project from you along with the cost to our 6th semester CSE and ECE students (around 60 students) using any online platform like zoom, Google meet, webex... on any suitable date and time as per your convenience.

If you share the link and other details we will inform our students to join along with the Principal, me, Dept HoDs and Faculty Coordinator will also join the meeting session.

Post the meeting we will identify the students who are interested and will forward the list to you for your next process.

Kindly support.

With warm regards,

Anjan,

Training & Placement Officer | Shridevi Institute of Engineering & Technology | Tumkur. |

Phone: 08904547659 / 09448118627

Anjana Murthy M

BE., MBA., MISTE.

Training & Placement Officer I Shridevi Institute of Engineering & Technology I Tumkur I

Phone: 08904547659 / 09448118627