

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Abdullah

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nisha

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

**SCII***Syscon India***System Consultant Information India (P) Ltd.***Solutions Crafted with Intelligence and Innovation*

CERTIFICATE

This is to certify that **Ms. Amulya J M** with USN **1SV18CS003**, student of BE- Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Amulya 's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Biswanath Misra
(Manager)



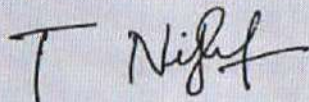
VERZEO

Certificate of Internship


Anil Gowda N J

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head

 **Verified Certificate**

Certificate ID: 4152114354
Date: 26-12-2021



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Ayush Ranjan Tiwari

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishit

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

**SCII**

Syscon India

System Consultant Information India (P) Ltd.*Solutions Crafted with Intelligence and Innovation*

CERTIFICATE

This is to certify that **Mr. Basavaraju** with USN 15V18CS005, student of BE - Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in Basavaraju's technical and analytical capabilities. We have found him to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found him to be a sincere, confident, and intelligent person who is committed to the work assigned to him.

We wish him all the very best in his future endeavors.

For System Consultant Information India (P) Ltd.

Biswanath Misra
Biswanath Misra
(Manager)



Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex 2nd Stage
(KSSIDC Hand Tool Layout), Madhugiri Road, Arakere P.O. Tumkur 572106.
Tel: +91-0816- 2211724 Email: info@scii.in URL: www.scii.in CIN: U72200KA2005PTC037854

**SCII**

Syscon India

System Consultant Information India (P) Ltd.
Solutions Crafted with Intelligence and Innovation

CERTIFICATE

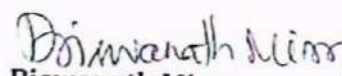
This is to certify that **Ms. Bhavya H P** with USN 1SV18CS007, student of BE - Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Bhavya's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Biswanath Misra
(Manager)



Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex 2nd Stage
(KSSIDC Hand Tool Layout), Madhugiri Road, Arakere P.O. Tumkur 572106.
Tel: +91-0816-2211724 Email: info@scii.in URL: www.scii.in CIN: U72200KA2005PTC037854

VERZEO

Certificate Of Course Completion

Budili Ramesh

has successfully completed Cyber Security course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha.

P Athulitha
Course Co-ordinator

T. Nikhil

T. Nikhil
Academic Head

✓ **Verified Certificate**

Certificate ID: 3469765711

Date: 12-12-2021

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.

**SCII***System India***System Consultant Information India (P) Ltd.***Solutions Crafted with Intelligence and Innovation*

CERTIFICATE

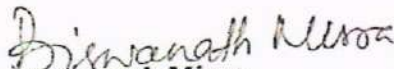
This is to certify that **Ms. Chaitra MS** with USN **1SV17CS011**, student of BE- Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Chaitra's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Biswanath Misra
(Manager)



Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex 2nd Stage
(KSSIDC Hand Tool Layout), Madhugiri Road, Arakere P.O. Tumkur 572106.
Tel: +91-0816- 2211724 Email: info@scii.in URL: www.scii.in CIN: U72200KA2005PTC037854

VERZEO

Certificate Of Course Completion

Chandrashekara T

has successfully completed Machine Learning with Python course
from 01-09-2021 to 31-10-2021.

During this course, we found the student to be a keen and enthusiastic candidate.

Certificate ID: 2476913489

Date: 10-12-2021

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.

✓ Verified Certificate



Ajay Billav
Course Co-ordinator

T. Nikhil
Academic Head



VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Dharmana Harika

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nishat

Academic Head

21-11-2021

Date

Certificate ID: 4217542455

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Enchara M

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

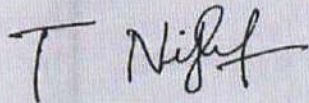
VERZEO

Certificate of Internship

Gagana N

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head



Verified Certificate

Certificate ID: 1811388698
Date: 13-12-2021



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

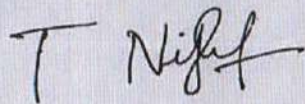
VERZEO

Certificate of Internship


Gagana N

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head

 **Verified Certificate**

Certificate ID: 1811388698
Date: 13-12-2021



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.



VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Gagana Shree Tu

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishit

Academic Head

21-11-2021

Date

Certificate ID: 3913079999

**SCII**

Syscon India

System Consultant Information India (P) Ltd.*Solutions Crafted with Intelligence and Innovation*

CERTIFICATE

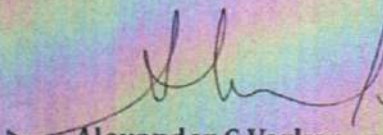
This is to certify that **Mr. Ganya Kumar GR** with USN **1SV18CS017**, student of BE-Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in Ganya Kumar's technical and analytical capabilities. We have found him to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found him to be a sincere, confident, and intelligent person who is committed to the work assigned to him.

We wish him all the very best in his future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex 2nd Stage
(KSSIDC Hand Tool Layout), Madhugiri Road, Arakere P.O. Tumkur 572106.
Tel: +91-0816- 2211724 Email: info@scii.in URL: www.scii.in CIN: U72200KA2005PTC037854

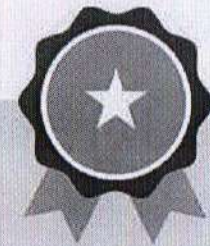
VERZEO

Certificate Of Course Completion

Hada Amal Khan

has successfully completed Machine Learning with Python course
from 01-09-2021 to 31-10-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Ajay Billav
Course Co-ordinator

T. Nikhil
Academic Head

✓ Verified Certificate

Certificate ID: 3709586300

Date: 12-11-2021

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Junaid Ulla Khan

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nigh

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Keerthiprasad B K

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishu

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO

Certificate Of Course Completion

Kushal Kumar D


has successfully completed Machine Learning with Python course
from 01-09-2021 to 31-10-2021.

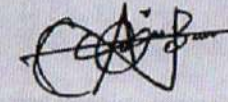
During this course, we found the student to be a keen and enthusiastic candidate.

Certificate ID: 1723158268

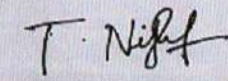
Date: 29-05-2022

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.

 **Verified Certificate**



Ajay Billav
Course Co-ordinator



T. Nikhil
Academic Head

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Lavanya T A

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Lisha Shree Nayaka S

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishit

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO

CODINGZEN
THINK - CREATE - APPLY

CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Manasa V Gowda

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishu

Academic Head

21-11-2021

Date

Certificate ID: 3967142491

VERZEO

Certificate Of Course Completion

Manoranjan P M

has successfully completed Machine Learning with Python course
from 01-09-2021 to 31-10-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Handwritten signature of Ajay Billav in black ink.

Ajay Billav
Course Co-ordinator

Handwritten signature of T. Nikhil in black ink.

T. Nikhil
Academic Head

Verified Certificate

Certificate ID: 2198962300

Date: 27-11-2021

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.



VERZEO

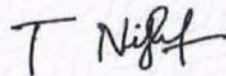


CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Marfua Fathima

has successfully completed Machine Learning with Python live projects from CodingZen in association with Verzeo from 01-09-2021 to 31-10-2021. During this internship, the student was found to be keen and enthusiastic candidate.



Academic Head

03-12-2021

Date

Certificate ID: 1426620765

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Meghana G S

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Nanda T M

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishu

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

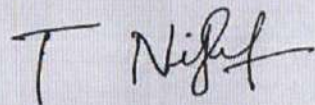
VERZEO

Certificate of Internship


Navya S

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During the internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head

 **Verified Certificate**

Certificate ID: 2177452611
Date: 05-07-2022



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Pavan Kumar Durgad

has successfully completed Machine Learning with Python live projects from CodingZen in association with Verzeo from 01-09-2021 to 31-10-2021. During this internship, the student was found to be keen and enthusiastic candidate.

T Nishit

Academic Head

21-11-2021

Date

Certificate ID: 3879579026



SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKUR-572106
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Academic Year 2021-2022

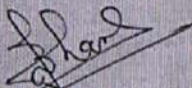


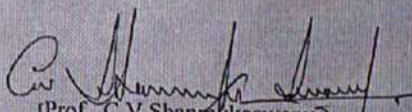
List of students pursuing Internship and Project Work(main) at SCII

Class: 7th sem CSE

Visiting schedule for Project Discussion.[Main Project]

Team No.	Date	Time	USN No.	Student Name
T1	24/1/2022	9.00am	1SV18CS005	BASAVARAJA
			1SV18CS032	PRAJWAL C
			1SV18CS014	ENCHARA M
			1SV18CS042	SUSHMA H S
T2	24/1/2022	2.00pm	1SV18CS043	THUNGASHREE
			1SV18CS003	AMULYA J M
			1SV17CS011	CHAITRA M S
			1SV17CS034	RAGHU RAM GK
T3	25/1/2022	9.00am	1SV18CS021	KEERTHIPRASAD B K
			1SV18CS017	GANYA KUMAR G R
			1SV18CS024	LISHA SHREE NAYAKA S
			1SV17CS018	JUNAID ULLA KHAN
T4	25/1/2022	2.00pm	1SV18CS007	BHAVYA H P
			1SV18CS029	NANDA T M
			1SV18CS033	PRIYADARSHINI R
			1SV18CS046	VIVEKANAND MATH


[Mr. Suthan R]
Project Coordinator


[Prof. C V Shanmugaswamy]
HOD, CSE

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Pragna H S

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nishu

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Prajwal C

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

**SCII**

System India

System Consultant Information India (P) Ltd.*Solutions Crafted with Intelligence and Innovation*

CERTIFICATE

This is to certify that **Ms. Priyadarshini R** with USN **1SV18CS033**, student of BE-Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Priyadarshini's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.

Biswanath Misra
Biswanath Misra
(Manager)



Plot No: Spl-17, Antharasanahalli KSSIDC Industrial Complex 2nd Stage
(KSSIDC Hand Tool Layout), Madhugiri Road, Arakere P.O. Tumkur 572106.
Tel: +91-0816- 2211724 Email: info@scii.in URL: www.scii.in CIN: U72200KA2005PTC037854

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Raghu Ram G K

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.
During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Rajeeva N P

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

A handwritten signature in black ink, appearing to read 'T Nishat', is written over a horizontal line.

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

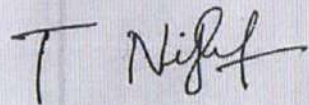
VERZEO

Certificate of Internship


Shireesha Hegde H R

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

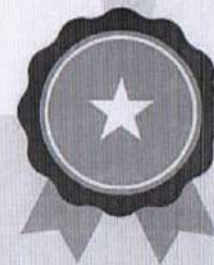
During the internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head

 **Verified Certificate**

Certificate ID: 1409036656
Date: 27-12-2021



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Shivayogi B S

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nishat

Academic Head

21-11-2021

Date

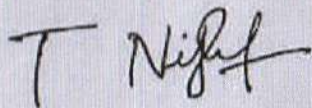
Certificate ID: 3879579026

VERZEO

Certificate of Internship Shraddha S

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During the internship, the student was found to be dedicated, hardworking and intelligent.



T. Nikhil
Academic head



Verified Certificate

Certificate ID: 1610899517
Date: 28-06-2022



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Sushma H S

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

VERZEO



CERTIFICATE OF INTERNSHIP

This Certificate is Proudly Presented to

Thungashree

has successfully completed Machine Learning with Python live projects from CodingZen
in association with Verzeo from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

T Nish

Academic Head

21-11-2021

Date

Certificate ID: 3879579026

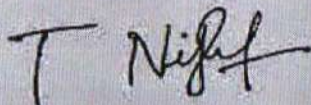
VERZEO

Certificate of Internship

Veena L C

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T.NIKHIL
Academic head



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.



Verified Certificate

Certificate ID: 2497239822
Date: 08-12-2021

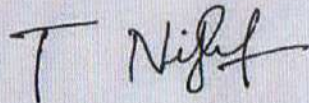
VERZEO

Certificate of Internship


Vijayalakshmi

has successfully completed an Internship Program Machine Learning with Python
from 01-09-2021 to 31-10-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T.Nikhil
Academic head

 **Verified Certificate**

Certificate ID: 376723024
Date: 08-12-2021



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by eminent industries and universities all over the world.

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CERTIFICATE

This is to certify that **Mr. Vivekanand Math** with USN **1SV18CS046**, student of BE-Computer Science and Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in Vivekanand Math's technical and analytical capabilities. We have found him to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found him to be a sincere, confident, and intelligent person who is committed to the work assigned to him.

We wish him all the very best in his future endeavors.

For System Consultant Information India (P) Ltd.

Biswanath Misra
Biswanath Misra
(Manager)



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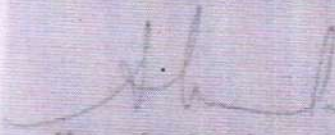
This is to certify that Ms. Anusha GS with USN 1SV18EC002, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, JZEE, SQL, and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Anusha's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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Ref - TFT/INT/2021/0381

1st October 2021

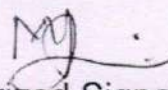
TO WHOM IT MAY CONCERN

This is to certify that Mr Aruna R N, student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


Authorized Signatory



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Ref - TFL/INT/2021/0381

1st October 2021


TO WHOM IT MAY CONCERN

This is to certify that **Mr.Basavaraj** student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies



Authorized Signatory



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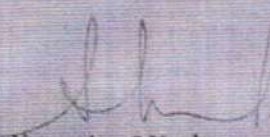
This is to certify that Ms. Bharathi M with USN 1SV18EC005, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Bharathi's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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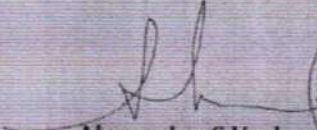
This is to certify that **Ms. Brunda K** with USN **1SV18EC006**, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Brunda's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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CERTIFICATE

This is to certify that Ms. Chandana D with USN 1SVIBEC007 student of BE-Electronics and Communications Engineering, Shreeve Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Chandana's technical and analytical capabilities. We have found her to be a dedicated individual with good skill set and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



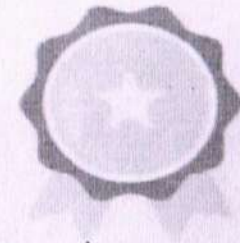
VERZEO

Certificate Of Course Completion

Devika L

has successfully completed Embedded Systems course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



P Athulitha
Course Co-ordinator

T. Nikhil
Academic Head

Verified Certificate

Certificate ID: 2705889325

Our Course Completion certificates are verified and are recognized

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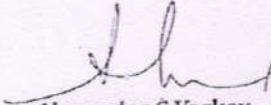
This is to certify that Mr. GurannaGouda with USN 15V18EC009, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in GurannaGouda's technical and analytical capabilities. We have found him to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found him to be a sincere, confident, and intelligent person who is committed to the work assigned to him.

We wish him all the very best in his future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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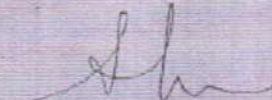
This is to certify that **Ms. Jyothi R** with USN 1SV19EC401 student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in **jyothis** technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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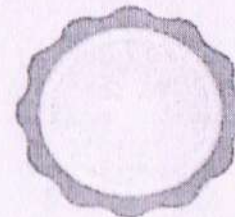
VERZEO

Certificate of Internship

Ketanraj S

has successfully completed an Internship Program Embedded Systems
from 01-10-2021 to 30-11-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.



T Nishat

Head of
Academics

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CERTIFICATE

This is to certify that **Ms. Lathashree KR** with USN **1SV18EC011**, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Lathashree's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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VERZEO

Certificate of Internship

Mahadevaiah M B

has successfully completed an Internship Program Embedded Systems
from 01-10-2021 to 30-11-2021.


During this internship, the student was found to be dedicated, hardworking and intelligent.

T. Nikhil

T. Nikhil
Academic head



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

 **Verified Certificate**

Certificate ID: 1341654866
Date: 11-02-2022

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CERTIFICATE

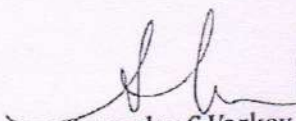
This is to certify that Mr. MouneshGouda with USN 1SV10EC012, student of BE- Electronics and Communications Engineering, ShriDev Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, JSP, SQL, and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in MouneshGouda's technical and analytical capabilities. We have found him to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found him to be a sincere, confident, and intelligent person who is committed to the work assigned to him.

We wish him all the very best in his future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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This is to certify that Ms. Mounika Y with USN 1SV1BEC013, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Mounika's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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VERZEO

Certificate Of Course Completion

Nagesh Dr

has successfully completed Embedded Systems course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha

P Athulitha
Course Co-ordinator

T. Nikhil

T. Nikhil
Academic Head

✓ **Verified Certificate**

Certificate ID: 2530790058

Date: 12-12-2021

Our Course Completion certificates are verified and are recognized
by eminent industries and universities all over the world.

Ref - TF/INT/2021/0381

1st October 2021

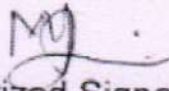
TO WHOM IT MAY CONCERN

This is to certify that Mrs Navya Shree student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time She joined, She was very fast to pick up the technical details of the project She is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


Authorized Signatory



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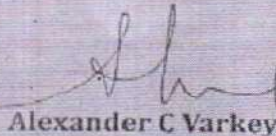
This is to certify that **Mr. Prashanth M** with USN **1SVISEC016** student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During his tenure with us, we have observed a marked growth in Prashanth's technical and analytical capabilities. We have found his to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found his to be a sincere, confident, and intelligent person who is committed to the work assigned to his.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.



Alexander C Varkey

(CEO)



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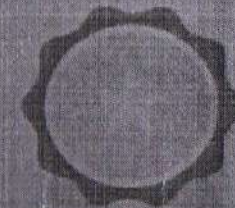
VERZEO

Certificate Of Course Completion

Praveen.G.D

has successfully completed Embedded Systems course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha

P Athulitha
Course Co-ordinator

T. Nikhil

T. Nikhil
Academic Head

 **Verified Certificate**

Certificate ID: 2716691194

Our Course Completion certificates are verified and are recognized

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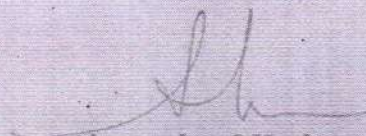
This is to certify that Ms. Rachana SR with USN 1SV18EC018, student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in Rachana's technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



Ref: TPT/INT/2021/0383

1st October 2021

TO WHOM IT MAY CONCERN

This is to certify that Mr Rakesh KL, student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from September 1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies



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Ref - TFT/INT/2021/0381

1st October 2021

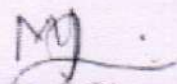
TO WHOM IT MAY CONCERN

This is to certify that **Mr.Ravish Kumar** student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


Authorized Signatory



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This is to certify that **Ms.Sadaf Naz** with USN **1SV18EC019** student of BE-Electronics and Communications Engineering, Shridevi Institute of Engineering & Technology Tumakuru, Karnataka 572106 has undergone an Internship from 01-Sep-2021 to 15-Oct-2021 in System Development department on JAVA, J2EE, SQL and Scripting Language (JS, AJAX).

During her tenure with us, we have observed a marked growth in **Sadaf Naz's** technical and analytical capabilities. We have found her to be a dedicated individual with good skill sets and a penchant for problem-solving.

During the internship program, we have found her to be a sincere, confident, and intelligent person who is committed to the work assigned to her.

We wish her all the very best in her future endeavors.

For System Consultant Information India (P) Ltd.


Alexander C Varkey
(CEO)



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Ref - TFI/INT/2021/0381

1st October 2021

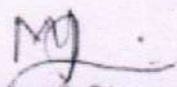
TO WHOM IT MAY CONCERN

This is to certify that **Sameer Bichagatti** student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from Septmberv 1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


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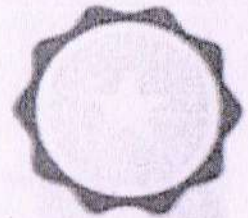
VERZEO

Certificate Of Course Completion

Shirisha R T

has successfully completed Embedded Systems course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



P Achutha
Course Co-ordinator

T Nishu
Instructor

Verified Certificate

Ref - TTT/INT/2021/0381

1st October 2021

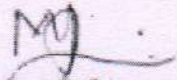
TO WHOM IT MAY CONCERN

This is to certify that **Mr. Sidram** student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed his Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time he joined, he was very fast to pick up the technical details of the project. He is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


Authorized Signatory



TECH FORTUNE TECHNOLOGIES

#18 22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040

Ph: +91 9591 68 7143/8317 35 5535 - www.tech-fortune.com | email: info@tech-fortune.com

VERZEO

M MVARO
merger & acquisitions

CERTIFICATE OF INTERNSHIP

This certificate is proudly presented to

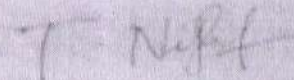
Srinivas.C

has successfully completed Embedded Systems live projects from MVARO in association with Verzeo
from 01-10-2021 to 30-11-2021.

During this internship, the student was found to be keen and enthusiastic candidate.

16-01-2022

Date



Academic Head

VERZEO

Certificate of Internship

Swamy M

has successfully completed an Internship Program Embedded Systems
from 01-10-2021 to 30-11-2021.

During this internship, the student was found to be dedicated, hardworking and intelligent.

T. N. S. H.



Our internship completion certificates are verified and are recognized

Ref - TFI/INT/2021/0381

1st October 2021

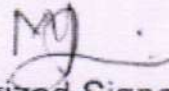
TO WHOM IT MAY CONCERN

This is to certify that **Miss. Tejaswini D** student of Shridevi Institute of Engineering and Tehnology Tumkur, has successfully completed her Internship in Our Organization "Tech Fortune Technologies" from Septmberv1st 2021 to 30th September 2021.

He was working on the projects " Machine Learning With Python ". The time **She** joined, he was very fast to pick up the technical details of the project She is really hardworking and capable.

We wish him all the very best

For Tech Fortune Technologies


Authorized Signatory



TECH FORTUNE TECHNOLOGIES

#18-22ND MAIN SUBANNA GARDEN, VIJAYANAGAR, BANGALORE - 560040

Ph: +91 9591 68 7143/8317 35 5535 · www.tech-fortune.com | email: info@tech-fortune.com

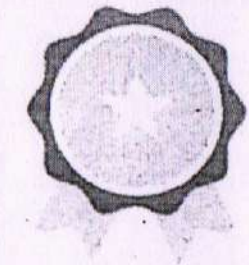
VERZEO

Certificate Of Course Completion

Yashaswini.K.Y

has successfully completed Embedded Systems course
from 01-10-2021 to 30-11-2021.

During this course, we found the student to be a keen and enthusiastic candidate.



Athulitha

P Athulitha
Course Co-ordinator

T. Nikhil

T. Nikhil
Academic Head

✓ Verified Certificate

Certificate ID: 2854444R17

Our Course Completion certificates are verified and are recognized

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“GOVERNMENT HOSTEL BUILDING”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. JAYAMANJUSH CHOUDRI

(1SV17CV008)

Internship carried out at

Building

Tumkur city, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Mr.PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. CHIDANANDAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001:2008 Certified Institution)

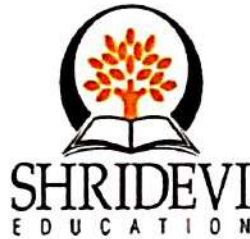
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

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 “**GOVERNAMENT HOSTEL BUILDING**” out Carried out by **Mr. JAYAMANJUSH CHOUDRI (USN: 1SV17CV008)** 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree


Signature of the Guide

Mr.PRAKASH J

Asst.Professor

Dept of Civil Engineering
SIET ,Tumkur


Signature of the HOD

Dr.G.MAHESH KUMAR

Professor & Head

Dept of Civil Engineering
SIET ,Tumkur


Signature of the Principal

Dr.NARENDRA VISWANATH

Principal



SIET ,Tumkur

External Viva

Name of the examiners

1. .....
2. .....

Signature with date

..... 29/7/22
..... 29/7/22

ABSTRACT

shree builders is design-oriented architectural practice with an aim to produce high-quality design through personalized approach and professionalism. The end goal of each project is to create a positive experience for communities by designing spaces built around functionality and people's needs.

work under the ministry of public works is the as the successfully set the trend and standard in the state's infrastructure development it plays a pivotal role in the implementation of government construction projects. It also undertakes projects for autosomes bodies as developed works.

The shree builders has qualified and experienced professionals forming as multi-disciplinary team of civil, electrical and mechanical engineers who alongside architects from the department of architect. And service to the nation with strong base of standard professionalism developed in over the years



SHREE BUILDERS

Behind KoteAnjaneyaSwamy Temple, Old Market Circle Tumkur-572101. Karnataka

Phone : 7892534032
GSTIN : 29BNQPC0777A1Z1
shreebuilders98@gmail.com
www.shreebuilderstmk.com

INTERNSHIP CERTIFICATE

TO WHOMSOEVER MAY CONCERN

This is to certify that **Mr. JAYAMANJUSH CHOUDRI** bearing USN 1SV17CV008 of **SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY** Tumkur, Affiliated to Visvesvaraya Technological university, Belagavi, has Undergone four weeks internship from 01/09/2021 to 30/09/2021 at **SHREE BUILDERS** construction he worked on Comercial project during the training under the supervision of Mr. Chidananda TR During his tenure with us we found him sincere and hard working. We wish him great success in future

Authorized Signature

#6, KNS Towers, Near Old Market
Cicle Tumakuru-572101.
Ph.: 7292531032

M. R. Choudhary
SHREE BUILDERS
#6, KNS Towers, Near Old Market
Circle, Tumakuru-572 101.
Ph. : 7892534032

CHIDANANDA TR
Consulting Engineering
SHREE BUILDERS
Tumkuru-572101

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAUM-590014



An Internship Report

On

"VILLAGE ROAD PROJECT"

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

KIRAN KUMAR M T

(1SV17CV009)

Internship was carried out

At

Mr. G GANGADHARAI AH

INTERNAL GUIDE

Ms. NIRANJANI B BE,M Tech

Assistant Professor
DEPT. of Civil Engineering
SIET, Tumkur.



EXTERNAL GUIDE

Mr. G.GANGADHARAI AH

Asst.Executive Engineer

DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(An ISO 9001: 2015 Certified Institution)
TUMKUR - 572106, KARNATAKA
2021-2022

SHRI DEVI INSTITUTE OF ENGENNERING AND TECHNOLOGY
(AN ISO 9001: 2015 Certified Institution)
Sira Road, Tumkur-572106

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this internship report of Internship on topic entitled "VILLAGE ROAD PROJECT" has been successfully carried out by **KIRAN KUMAR MT (ISV17CV009)** 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 the internal guide
Ms. NIRANJANI B, BE, M TECH
Assistant Professor
Dept. of Civil Engineering

Signature of the Principal
Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur

Signature of the H.O.D
Dr. G. MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering

External Viva Voce:

- Name of the examiners**
1. *Dr. C. Nagaraj*
 2. *Radhika TN*

Signature with Date

C. Nagaraj 25/7/22
Radhika TN



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

(ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರವರ ಕಛೇರಿ, ನಂ.3ನೇ ಲೋಕೋಪಯೋಗಿ ಉಪ-ವಿಭಾಗ, ಹಿರಿಯೂರು.

ಫೋನ್ ನಂ : 08193-279199.

ಇಮೇಲ್ : pwdsdhyr@gmail.com

ಅಭ್ಯರ್ಥಕಾಂ: ಲೋ.ಇ/ಹಿರಿ/ಸ.ಇಂ-2/2021-22 / 450

ದಿನಾಂಕ: 18/10/2021

::: INTERNSHIP COMPLETION LETTER :::

To Whom So ever is Concern

(Ref: SIET/Office/2021-22/24, Date : 31-08-2021)

We are glad to inform you that, Mr.Kiran Kumar.M.T (USN No : 1SV17CV009) form ridevi Institution of Engineering & Technology, Tumkur, Has Successfully completed his internship, on "Detailed project report preparation for buildings, roads and bridge project" in ur office i.e., Office of Assistant Executive Engineer, No.3 PWD Sub Division, Hiriyur, Near oseph Nagar, from 01-09-2021 to 30-09-2021 (30 Days), During his internship, he was resent from start, till the end of the training and was exposed to various activities in onstruction.

His Association with us was very fruitful and wishes him all the best in future endeavors,

Thanking you,

To,
Head of the Department,
Civil Engineering,
ridevi Institution of Engineering & Technology,
Tumkur

K.V. Kumar Kumar

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ನಂ.3ನೇ ಲೋಕೋಪಯೋಗಿ ಉಪ-ವಿಭಾಗ,

ಹಿರಿಯೂರು

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, Et **Mr. G.GANGADHARAI AH** Asst.Executive Engineer KARNATAKA. Our business role is based on providing Civil works related services to the Engineer Disciplines like Civil Industries, P.W.D works. 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. We attain win-win situations for technical know-how's. 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 requirement.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“CONSTRUCTION OF RESIDENTIAL BUILDING FO AND COMMERCIAL BUILDING ”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr.LOKESH D (1SV17CV010)

Internship carried out at

RESIDENTIAL AND COMMERCIAL BUILDING

SIRA GATE, Tumakuru- 572106.

Under the Guidance of

INTERNAL GUIDE

Mr.PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. CHIDANANDA.T.R

Consulting Engineering

SHREE BUILDER

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

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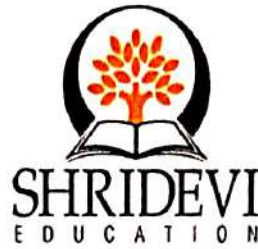
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

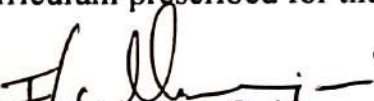
Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the report of internship on topic entitled "CONSTRUCTION OF RESIDENTIAL BUILDING FO AND COMMERCIAL BUILDING "out Carried out by Mr.LOKESH D (USN: 1SV17CV010) 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree


Signature of the Guide

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


Signature of the HOD

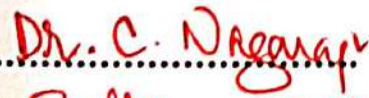

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur


Signature of the Principal

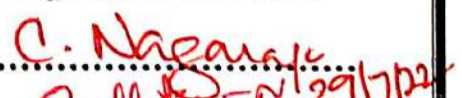

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

External Viva

Name of the examiners

1. 
2. 

Signature with date



SHREE BUILDERS

Behind KoteAnjaneyaSwamy Temple, Old Market Circle Tumkur-572101. Karnataka

Phone : 7892534032
GSTIN : 29BHQPE0777A121
shreebuilders@rediffmail.com
www.shreebuilders.com

INTERNSHIP CERTIFICATE

TO WHOMSOEVER MAY CONCERN

This is to certify that Mr. LOKESH D bearing USN 15V17CV010 of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY Tumkur, Affiliated to Visvesvaraya Technological university, Belagavi, has Undergone four weeks internship from 01/09/2021 to 30/09/2021 at SHREE BUILDERS construction he worked on Comercial project during thr training under the supervision of Mr. Chidananda TR During his tenure with us we found him sincere and hard working. We wish him great success in future.

Authorised Signature

#6, KNS Towers. Near Old Market
Circle Tumakuru-572101.
Ph.: 7292531032

M. T. Chidananda
SHREE BUILDERS
#6, KNS Towers, Near Old Market
Circle, Tumakuru-572 101.
Ph. : 7892534032
CHIDANANDA TR
Consulting Engineering
SHREE BUILDERS
Tumkuru-572101

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“GOVERNMENT HOSTEL BUILDING”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. PUNITHKUMAR K B

(1SV17CV013)

Internship carried out at

Building

Tumkur city, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Mr.PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. CHIDANANDAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
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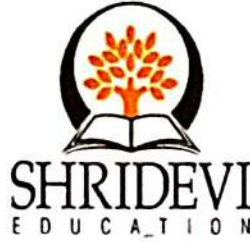
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

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 “**GOVERNAMENT HOSTEL BUILDING**” out Carried out by Mr.PUNITHKUMAR K B (USN: 1SV17CV013) 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree


Signature of the Guide

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


Signature of the HOD



Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur


Signature of the Principal

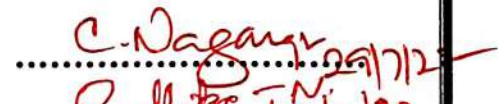

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

External Viva

Name of the examiners

1. 
2. 

Signature with date

ABSTRACT

shree builders is design-oriented architectural practice with an aim to produce high-quality design through personalized approach and professionalism. The end goal of each project is to create a positive experience for communities by designing spaces built around functionality and people's needs.

work under the ministry of public works is the as the successfully set the trend and standard in the state's infrastructure development it plays a pivotal role in the implementation of government construction projects. It also undertakes projects for autosomes bodies as developed works.

The shree builders has qualified and experienced professionals forming as multi-disciplinary team of civil, electrical and mechanical engineers who alongside architects from the department of architect. And service to the nation with strong base of standard professionalism developed in over the years



SHREE BUILDERS

Behind KoteAnjaneyaSwamy Temple, Old Market Circle Tumkur-572101, Karnataka

Phone : 7892534032
GSTIN : 29BNQPC0777A1Z1
shreebuilders98@gmail.com
www.shreebuilderstmk.com

INTERNSHIP CERTIFICATE

TO WHOMSOEVER MAY CONCERN

This is to certify that Mr. PUNITHKUMAR K B bearing USN 15V17CV013 of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY Tumkur, Affiliated to Visvesvaraya Technological university, Belagavi, has Undergone four weeks internship from 01/09/2021 to 30/09/2021 at SHREE BUILDERS construction he worked on Comercial project during thr training under the supervision of Mr. Chidananda TR During his tenure with us we found him sincere and hard working. We wish him great success in future.

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Cicle Tumakuru-572101
Ph.: 7292531032

Chidananda TR
SHREE BUILDERS
#6, KNS Towers, Near Old Market
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CHIDANANDA TR
Consulting Engineering
SHREE BUILDERS
Tumkuru-572101

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

**"CONSTRUCTION OF RESIDENTIAL BUILDING FO
AND COMMERCIAL BUILDING "**

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr SHUAIB AHMED (USN: ISV17CV021)

Internship carried out at

RESIDENTIAL AND COMMERCIAL BUILDING

SIRA GATE, Tumakuru- 572106.

Under the Guidance of

INTERNAL GUIDE

Mr.PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. CHIDANANDA.T.R

Consulting Engineering

SHREE BUILDER

Tumakuru-572101



**SHRIDEVI
EDUCATION**

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

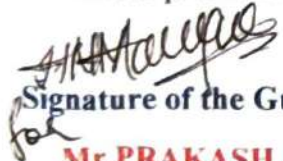
Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the report of internship on topic entitled "CONSTRUCTION OF RESIDENTIAL BUILDING FO AND COMMERCIAL BUILDING "out Carried out by Mr SHUAIB AHMED (USN: 1SV17CV021) 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree


Signature of the Guide

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


Signature of the HOD

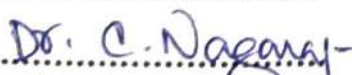

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur


Signature of the Principal

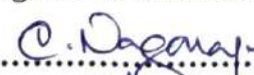

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

External Viva

Name of the examiners

1. 
.....
2. 
.....

Signature with date

 29/7/22
 29/7/22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAUM-590018, KARNATAKA



INTERNSHIP REPORT ON:

**"CONSTRUCTION OF MAJOR AQUADUCT OF YETTINAHOLE
GRAVITY MAIN CANAL WITH DISCHARGE OF 93.50 CUMECS
UNDER YETTINAHOLE PROJECT"**

Carried out in:

VJNL, YETTINAHOLE PROJECT, TUMKUR

Submitted in fulfilment for the award of degree

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

Submitted by

APOORVA A

USN: 1SV18CV003

INTERNAL GUIDE:

Mr. MANOGNA BE.ME
ASSISTANT PROFESSOR
Dept. Of Civil Engineering
TUMKUR

EXTERNAL GUIDE:

The CHIEF ENGINEER
VJNL, YETTINAHOLE
PROJECT ZONE
TUMKUR



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur-572106

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 "CONSTRUCTION OF MAJOR AQUADUCT OF YETTINAHOLE GRAVITY MAIN CANAL WITH DISCHARGE OF 93.50 CUMECS UNDER YETTINAHOLE PROJECT" Carried out by **Ms.APOORVA A(USN: ISV18CV003)** 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.


Signature of the Guide

Mr. MANOGNA BE, ME
Asst.Professor
Civil Engineering
SIET, Tumakuru


Signature of the HOD

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur


Signature of the Principal

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

External viva-voce

Name of Examiners
1) Dr. C. Nagaraj
2) Radhika IN

Signature with Date
C. Nagaraj 28/7/22
Radhika IN



ಸದರ ಕಛೇರಿ

ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆ

ವಿಶ್ವೇಶ್ವರಯ್ಯ ಜಲ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಉದ್ಯಮ)

Water Resources Department

VISVESWARAYA JALA NIGAM LIMITED

(A Government of Karnataka Enterprise)

No:CE/VJNL/YPZ/TMK/EST/INTERNSHIP/2021-22/ 790 Date: 30 JUN 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Apoorva.A bearing USN-1SV18CV003, student of Shridevi Institute of Engineering and technology, Tumakuru. As successfully completed her Internship Program From 7st September 2021 to 7th October 2021. in this Organization. During the period of her Internship Program with us, she was found punctual, hardworking and inquisitive. During the above period she was permitted to attend regular class on every day.

Date:15.06.2022

Place:Tumakuru


Chief Engineer,

VJNL, Yettinahole Project Zone,


Tumakuru.

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ ಕಛೇರಿ, ಎತ್ತಿನಹೊಳೆ ಯೋಜನಾ ವಲಯ, ಹೇಮಾವತಿ ವಸತಿ ಗೃಹಗಳ ಸಮುಚ್ಚಯ, ಕುಣಿಗಲ್ ರಸ್ತೆ, ತುಮಕೂರು-572102

ದೂರವಾಣಿ ಸಂಖ್ಯೆ : 0816-2201866, ಫ್ಯಾಕ್ಸ್ ಸಂಖ್ಯೆ : 0816-2201866, ಇ-ಮೇಲ್ : ceypztmlk@gmail.com

CIN:U41000KA2016SGC097260

ABSTRACT

As a part of academic requirement of university, we have to carry-out internship program 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 program 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 **YETTINAHOLE PROJECT,VJNL** as one of the good project which offered us for internship. Hence, I am thankful for the **CHIEF ENGINEER OF YETTINHOLE PROJECT,TUMKUR**.

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAUM – 590014**



An Internship Report

on

RESIDENTIAL BUILDING CONSTRUCTION

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted By:

B M MEGHASHREE

(1SV18CV004)

Internship Carried Out

AT

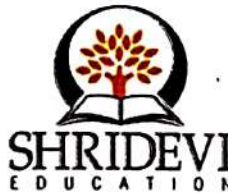
Er.N.V.RAMAMURTHY

**Chief Executive Rogd. incomeTax Valuer &
Panel Engineer-S.B.I**

TUMKUR – 572102.

INTERNAL GUIDE

**Mr.MANOOGNA H N BE,ME.,
Assistant Professor
Dept. of Civil Engineering
SIET, Tumkur**



EXTERNAL GUIDE

**Er.N.V.RAMAMURTHY
Chief Executive,
Rogd.incomeTax Valuer &
Panel Engineer-S.B.I**

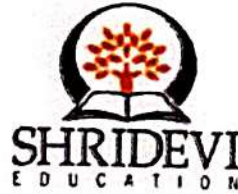
**DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGENNERING AND TECHNOLOGY
(AN ISO 9001: 2015 Certified Institution)
TUMKUR – 572106, KARNATAKA
2021-2022**

SHRI DEVI INSTITUTE OF ENGENNERING AND TECHNOLOGY

(AN ISO 9001: 2015 Certified Institution)

Sira Road, Tumkur-572106

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this internship report of Internship on topic entitled "BUILDING CONSTRUCTION" has been successfully carried out by **B M MEGHASHREE (1SV18CV004)** 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 the internal guide

Mr. MANOGNA H N, BE, ME.,

Assistant Professor

Dept. of Civil Engineering

Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumkur

Signature of the H.O.D

Dr. G. MAHESH KUMAR

Professor & HOD

Dept. of Civil Engineering

External Viva Vocè:

Name of the examiners

1. **Dr. C. Nagary**

2. **Radhika T.N.**

Signature with Date

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

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, Et Er.N.V.RAMAMURTHY Chief Executive Rogd.incomeTax Valuer & Panel Engineer-S.B.I TUMKUR – 572102. KARNATAKA. Our business role is based on providing Civil works related services to the Engineer Disciplines like Civil Industries. P.W.D works. 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. We attain win-win situations for technical know-how's. 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 requirement.



TEKNA - KON

Chartered Engineers, Architects & Valuers

Er.N.V.RAMAMURTHY

Chief Executive

Regd.IncomeTax Valuer & Panel Engineer - S.B.I

Regn No CC-1 / BNG / CAT-1 / Val /1/2011-12

IV Main, Gandhinagar, Tumkur - 572102. Ph : 2251729 E-mail: teknam@gmail.com

116, Margosa Road, 12th Cross, Malleswaram, Bangalore 560003.

TO WHOM-SO-EVER IT MAY CONCERN

This is to certify, that *Ms. B.M. Meghashree* USN: 1SV18CV004 a student of *Shridevi Institute of Engineering & Technology, Tumkur*, has successfully completed 01 month of Internship Programme (From 1st Sept 2021 to 30th Sept 2021) at this company. During the Internship Programme with us she was found punctual, hardworking & inquisitive.

We are sure that we will bring along with her the same level of professionalism & will be an asset to any organization employing her.

We wish her all the best in her future endeavors.

Thanking You,

For TEKNA-KON

Chief Executive

ER. N.V RAMAMURTHY

Chief Executive.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“A BRIEF STUDY ON VARIOUS CIVIL ENGINEERING PROJECTS”

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

BACHELOR OF ENGINEERING IN CIVIL & ENGINEERING

Submitted by:

CHANDAN GOWDA P

(1SV18CV007)

Internship carried out at

P. SRINIVAS CONSTRUCTIONS

Holalkere road, Chitradurga- 577501.

Under the guidance of

INTERNAL GUIDE

Ms. NIRANJANI. B

ASST PROFESSOR

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. SHIVA PRADAD L A

Assistant Engineer

SRINIVAS CONSTRUCTIONS

Chitradurga-577501



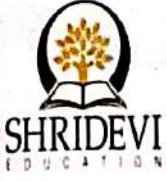
DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2008 Certified Institution)

Sira Road, Tumkur – 572 106, Karnataka.

2021-22



SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to Vishvesvaraya Technological University)
Sira Road, Tumkur – 572 106, Karnataka.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of Internship on topic entitled “A BRIEF STUDY ON VARIOUS CIVIL ENGINEERING PROJECTS” has been successfully carried out by CHANDAN GOWDA P bearing (ISV18CV007) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering for the academic year 2021- 2022. It is certified that all corrections and suggestions indicated for Internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of Internship topic prescribed for B.E. Degree.


Signature of the internal Guide

Ms. NIRANJANI. B
ASST PROFESSOR
DEPT. of Civil Engineering
SIET, Tumkur-572106.

Signature of the external Guide

Mr. SHIVA PRADAD L A
Assistant Engineer
SRINIVAS CONSTRUCTIONS
Chitradurga-577501


Signature of the HOD

Dr. G. MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering
SIET, Tumkur- 572106.


Signature of the Principal

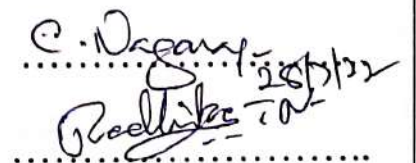
Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur- 572106.

-: External Viva:-

Name of the examiners

1. Dr. C. Nagany-
2. Radhika T.N.

Signature with date


C. Nagany- 28/07/22
Radhika T.N.



Ref. No.

Date. 08/03/2022.....

Certificate

Curriculum internship training

This is to certify that **CHANDAN GOWDA P S/O PANDURANGA L D** Student of Shridevi Institute of Engineering & Technology, sira road, Tumakur – 572 106.

Studying in 8th semester BE in Civil Engineering have successful completed internship work in our company i.e, "**P. SRINIVAS CONSTRUCTIONS**"

As a part of curriculum in BE Program of VTU for period of 4 weeks from 02/09/2021 to 01/10/2021

During the period of their stay for internship work, they have undergone training at Construction activities in residential building & gained the practical knowledge of construction work which are in the progress & made them to work on an ongoing project for analyzing the components of construction work.

They completed their internship work satisfactorily during their stay in our company.

P Srinivasa



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“DESIGN OF RCC LINTEL AND CHAJJA”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. CHANDRAHASA PATEL K A

(1SV18CV008)

Internship was carried out at

“HNS CONCRETES”, Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Mr. Manogna H N BE . M. Tech.

Assistant Professor

Dept. of Civil Engineering

EXTERNAL GUIDE

Mr. Shreekumar Menon

Senior Engineer

RMC plant at HNS INFRA, 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 “DESIGN OF RCC LINTEL AND CHAJJA” has been carried out by **CHANDRAHASA PATEL K A** bearing USN: 1SV18CV008 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

Mr. MANOGNA H N.

Assistant Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON.

Senior Engineer

RMC plant at HNS INFRA, TUMKUR

Signature of Principal

Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

Signature of HOD

Dr. G. MAHESH KUMAR.

Head and Professor

Dept. of Civil Engineering

External Viva Voce:

Name of the Examiners

- 1) ..Dr. G. Mahesh Kumar
- 2) ..Rashmi K. N.

Signature with date

.......... 25/7/22

ABSTRACT

The main aim of the practice is to Improve practical skill leant in class, upgrading be theoretical knowledge in addition to the class, improve their leadership skill, team-work internship program helps to perform both technical tasks and nontechnical tasks which help to improve skill in the design field and who helps to build own personality in the structural engineering field.

The objective of HNS Consultant is to provide Quality Engineering Services to Residential, Commercial, Institutional and Industrial. The company is committed to provide with the most professional, high quality, cost effective services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in De world, company urge in advanced solutions, aiming to become the most admired firm our industries. The results will be delivered in time, fulfill quality specifications and retain within the budget for all our projects

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, **CHANDRAHASA PATEL K A** bearing USN **1SV18CV008** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project " **DESIGN OF RCC CHAJJA AND LINTEL** " from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

For H N S INFRA
B. S. S.
Signature
PARTNER



+91 7019 42 3081
+91 9108 51 4260



@hnsinfra
hnsinfra@gmail.com



Sneha, Opposite BCM Hostel,
Garden Road, Tumkur - 572102

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAUM – 590014**



An Internship Report

on

RESIDENTIAL BUILDING CONSTRUCTION

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

Submitted By:

DEEPA R

(ISV18CV011)

Internship Carried Out

AT

Er.N.V.RAMAMURTHY

**Chief Executive Rogd. incomeTax Valuer &
Panel Engineer-S.B.I**

TUMKUR – 572102.

INTERNAL GUIDE

Ms.NIRANJANI B, BE,M.Tech
Assistant Professor
Dept. of Civil Engineering
SIET, Tumkur



EXTERNAL GUIDE

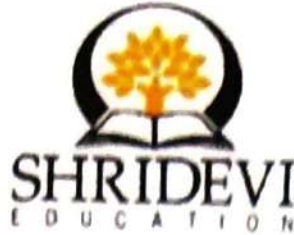
Er.N.V.RAMAMURTHY
Chief Executive,
Rogd.incomeTax Valuer &
Panel Engineer-S.B.I

DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGENNERING AND TECHNOLOGY
(AN ISO 9001: 2015 Certified Institution)

TUMKUR – 572106, KARNATAKA

2021-2022

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this internship report of Internship on topic entitled "BUILDING CONSTRUCTION" has been successfully carried out by DEEPA R (ISV18CV011) 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 the internal guide

Ms. NIRANJANI B., BE, M.Tech

Assistant Professor

Dept. of Civil Engineering

Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumkur

Signature of the H.O.D

Dr. G. MAHESH KUMAR

Professor & HOD

Dept. of Civil Engineering

External Viva Voce:

Name of the examiners

1. Dr. C. Nagaraj
2. Radhika TN

Signature with Date

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



TEKNA - KON

Chartered Engineers, Architects & Valuers.

Er.N.V.RAMAMURTHY

Chief Executive

Regd. Income Tax Valuer & Panel Engineer - S.B.I

Regn No CC-1 / BNG / CAT-1 / Val /1/2011-12

IV Main, Gandhinagar, Tumkur - 572102. Ph : 2251729 E-mail: teknaram@gmail.com

116, Margosa Road, 12th Cross, Malleswaram, Bangalore 560003.

TO WHOM-SO-EVER IT MAY CONCERN

This is to certify, that **Ms. Deepa. R. USN: 1SV18CV011** a student of ***Shridevi Institute of Engineering & Technology, Tumkur***, has successfully completed 01 month of Internship Programme (From 1st Sept 2021 to 30th Sept 2021) at this company. During the Internship Programme with us she was found punctual, hardworking & inquisitive.

We are sure that we will bring along with her the same level of professionalism & will be an asset to any organization employing her.

We wish her all the best in her future endeavors.

Thanking You,

For, TEKNA -KON

Chief Executive
ER. N.V. RAMAMURTHY
Chief Executive.

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, Et Er.N.V.RAMAMURTHY Chief Executive Rogd.incomeTax Valuer & Panel Engineer-S.B.I TUMKUR - 572102. KARNATAKA. Our business role is based on providing Civil works related services to the Engineer Disciplines like Civil Industries, P.W.D works. 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. We attain win-win situations for technical know-how's. 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 requirement.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“RESIDENTIAL BUILDING CONSTRUCTION WORK”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. DODDANAGOUDA POLICE PATIL

(ISVI8CV013)

Internship was carried out at

“Aryavartha Design Consultants, Sri Ranga Complex 26th Cross, SIT Extension”,

Tumkuru-572106

INTERNAL GUIDE

Ms. Niranjani B. M. Tech.

Assistant Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. Guru Prasad Chinnari

Director,

Aryavartha Design Consultants, 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 “RESIDENTIAL BUILDING CONSTRUCTION WORK” out Carried out by Mr. DODDANAGOUDA POLICE PATIL (USN: 1SV18CV013) 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.


Signature of the Guide

Ms. NIRANJANI B
Asst. Professor
Civil Engineering
SIET, Tumakuru


Signature of the HOD

Dr. G. MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET, Tumkur


Signature of the Principal

Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur

External viva-voce

Name of Examiners

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

Signature with Date

Dr. C. Nagaraj 28/11/22
Radhika P.N.



Jun 08, 2022

CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Mr. DODDANAGOUDA POLICE PATIL (USN 1SV18CV013) of B.E. Civil Engineering at Shridevi Institute of Engineering and Technology Tumkur, Karnataka has completed his internship at Aryavartha Design Consultants LLP in Tumkur. He has actively participated as an Intern support engineer at our ongoing project sites. The projects involved supervision and execution of residential building for Aryavartha Design Consultants, Tumkur with various stages of progress.

The duration of this internship was from 01-Sep-2021 to 30-Sep-2021.

We take this opportunity to wish him all the best for his future.

Mr. Guruprasad Chinnari D

(Managing Director)

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.

Aryavartha Design Consultants LLP is located N0, 1,1st Floor, Sriranga Complex 26th Cross, Cnr. S.I.T Main Road S.I.T Extension, Tumkur-572106, 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.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAUM-590018, KARNATAKA



INTERNSHIP REPORT ON:

“ANALYSIS AND DESIGN OF DUPLEX RESIDENTIAL BUILDING”

Carried out in:

ARYAVARTHA CONSULTANTS, TUMKUR

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

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

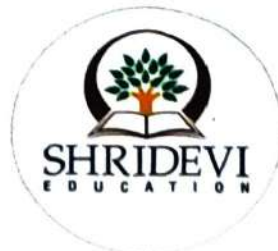
Submitted by
HABIB ULLA KHAN
USN: 1SV18CV014

INTERNAL GUIDE:

Mr.MANOOGNA BE.ME
ASSISTANT PROFESSOR
Dept.Of Civil Engineering
TUMKUR

EXTERNAL GUIDE:

Mr.GURUPRASAD D
MANAGING DIRECTOR
ARYAVARTHA CONSULTANTS
TUMKUR



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur-572106

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

It is to be certified that the report of Internship on topic entitled "ANALYSIS AND DESIGN OF DUPLEX RESIDENTIAL BUILDING" Carried out by **Mr. HABIB ULLA KHAN (USN: ISV18CV014)** 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 departmental library. 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 Guide

Mr. MANOGNA BE, ME
Asst. Professor
Civil Engineering
SIET, Tumakuru

Dr. G. MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET, Tumkur

Signature of the Principal

Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur

External viva-voce

Name of Examiners

- 1) Dr. C. Naganna
- 2) Radhika TN

Signature with Date

C. Naganna 20/7/22
Radhika TN

Jun 08, 2022

CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Mr. HABIB ULLA KHAN (USN 1SV18CV014) of B.E. Civil Engineering at Shridevi Institute of Engineering and Technology Tumkur, Karnataka has completed his internship at Aryavartha Design Consultants LLP, Tumkur. He has actively participated as an Intern support engineer at our ongoing project sites. The projects involved supervision and execution of residential building for Aryavartha Design Consultants, Tumkur with various stages of progress.

The duration of this internship was from 01-Sep-2021 to 30-Sep-2021.

We take this opportunity to wish him all the best for his future.

Mr. Guruprasad Chinnari D



ARYAVARTHA DESIGN CONSULTANTS LLP
TUMKUR

(Managing Director)

ABSTRACT

Any construction project to begin with starts with the Layout of the building or structure followed by Design and Analysis of the structure which is succeeded by cost estimation and planning for the said project.

The primary objective of this project is to gain sufficient knowledge in planning, analysis, and design of building. Our project deals with the Analysis and design of a residential building.

Analysis of structure was done manually and design of structure components like slab, beam, column, footing, staircase etc was done by using IS Codes. It is a reinforced concrete framed structure consisting of G+2.

IS 456:2000 codes are the basic code for general construction in concrete structures, hence all the structural members are designed using limit state method in accordance with the IS 456:2000 code and design aids. The planning of any building in India will be recognized by National Building Code (NBC), hence the building is planned in accordance with the National Building Code of India. The residential building has proper ventilation, it is provided with sufficient Exits, Water supply and electrification are also provided. This project also enables in establishing in sufficient water supply, electric power supply, proper sanitary system.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI – 590018 KARNATAKA



An Internship Report
on
"REINFORCEMENT DETAILS OF INDUSTRIAL BUILDINGS"
Submitted in Partial Fulfillment of the Requirements for the Award of Degree of
BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted By:
HANAMESH
(1SV18CV015)

Internship Carried out
at
HNS INFRASTRUCTURE

Internal Guide
Ms. NIRANJANI B
Asst, Professor Dept of Civil Engineering
SIET, Tumakur



DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKURU – 572106
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 "~~RESIDENTIAL BUILDING OF REINFORCEMENT DETAILS~~" out Carried out by Mr. HANAMESH (USN: ISV18CV015) 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.


Signature of the Guide

Mrs. NIRANJANI B
Asst, Professor Dept of Civil
Engineering
SIET, Tumakur


Signature of the HOD

Dr .G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET, Tumkur


Signature of the Principal

Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur

External viva-voce

Name of Examiners
1) Dr. C. Nagaraj
2) Radhika J.P.

Signature with Date
C. Nagaraj 12/5/22
Radhika J.P.

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, **HANAMESH** bearing USN **15V18CV015** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**REINFORCEMENT DETAILS OF INDUSTRIAL BUILDING**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

HNS INFRA
B. S. S.
Signature
PARTNER



+91 7019 42 3081
+91 9108 51 4260



@hnsinfra
hnsinfra@gmail.com



Sneha, Opposite BCM Hostel,
Garden Road, Tumkur - 572102

ABSTRACT

Structural Steel is a common building material used throughout the construction industry. Its primary purpose is to form a skeleton for the structure, essentially the part of the structure that holds everything up and together. Steel is one of the friendliest environmental materials which is 100% recyclable. Structural design has evolved, mostly due to the necessity caused by earthquakes. By using the available ISMB steel sections the desired design requirements cannot be met, especially for the highly loaded structures, as the moment of inertia and cross sectional play major role. Reinforced concrete sections also carry the ultimate load but when the assembly is subjected to great height of about 50-60 meters it is unsuitable for the use of concreting processes, thus by using the fabricated structure it is easy to fabricate durable structure. However, like all innovations, technology breeds its own set of new problems.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi – 590018



An Internship Report

On

"CONSTRUCTION OF COMMERCIAL AND RESIDENTIAL BUILDING"

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. HRUTHVIK P

(1SV18CV017)

Internship was carried out at

"HNS CONCRETES", Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Ms. Niranjani B. M. Tech.

Assistant Professor

Dept. of Civil Engineering

EXTERNAL GUIDE

Mr. Shree Kumar Menon

Senior Engineer

RMC plant at HNS INFRA, 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 "CONSTRUCTION OF COMMERCIAL AND RESIDENTIAL BUILDING" has been carried out by **HRUTHVIK P** bearing IDSN: ISV18CV017 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.

Head and Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON.

Senior Engineer

RMC plant at HNS INFRA, TUMKUR


Signature of Principal



Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) 
- 2) 

Signature with date




TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that **HRUTHVIK P** bearing USN **15V18CV017** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**SINGLE STOREY RESIDENTIAL BUILDING**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

HNS INFRA
B. S. S.
Signature
PARTNER



+91 7019 42 3081
+91 9108 51 4250



hnsinfra
hnsinfra@gmail.com



Sneha Opposite BCM Hostel
Garden Road, Tumkur - 572102

ABSTRACT

The main aim of the practice is to Improve practical skill leant in class, upgrading be theoretical knowledge in addition to the class, improve their leadership skill, team-work internship program helps to perform both technical tasks and nontechnical tasks which help to improve skill in the design field and who helps to build own personality in the structural engineering field.

The objective of HNS Consultant is to provide Quality Engineering Services to Residential, Commercial, Institutional and Industrial. The company is committed to provide with the most professional, high quality, cost effective services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in De world, company urge in advanced solutions, aiming to become the most admired firm our industries. The results will be delivered in time. fulfill quality specifications and retain within the budget for all our projects.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“CONSTRUCTION OF RESIDENTIAL AND COMMERCIAL BUILDING”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Ms. JAYASHREE P

(ISVI8CV018)

Internship was carried out at

“Aryavartha Design Consultants, Sri Ranga Complex 26th Cross, SIT Extension”,

Tumkuru-572106

INTERNAL GUIDE

Ms. Niranjani B. M. Tech.

Assistant Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. Guru Prasad Chinnari

Director,

Aryavartha Design Consultants, 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 "CONSTRUCTION OF RESIDENTIAL AND COMMERCIAL BUILDING" has been carried out by Ms. JAYASHREE P bearing USN: ISV18CV018 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 the Internal Guide

Ms. NIRANJANI B.

Assistant Professor

Dept. of Civil Engineering

SIET, Tumkuru

Signature of the HOD

Dr. G. MAHESH KUMAR.

Professor & Head

Dept. of Civil Engineering

SIET, Tumkuru

Signature of the Principal

Dr. NARENDRA VISHWANATH.

principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

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

Signature with date

Jun 08, 2022



CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Ms. JAYASHREE P (USN 16V18CV018) of B.E. Civil Engineering at Shridevi Institute of Engineering and Technology Tumkur, Karnataka has completed his Internship at Aryavartha Design Consultants LLP in Tumkur. She has actively participated as an Intern support engineer at our ongoing project sites. The projects involved supervision and execution of residential building for Aryavartha Design Consultants, Tumkur with various stages of progress.

The duration of this internship was from 01-Sep-2021 to 30-Sep-2021.

We take this opportunity to wish her all the best for her future.

Mr. Guruprasad Chinnari D



(Managing Director)

ABSTRACT

Design and Analysis of the structure which is succeeded by cost estimation and planning for the said project.

The primary objective of this project is to gain sufficient knowledge in planning, analysis, and design of building. Our project deals with the Analysis and design of a residential building.

Analysis of structure was done manually and design of structure components like slab, beam, column, footing, staircase etc was done by using IS Codes. It is a reinforced concrete framed structure consisting of G+2.

IS 456:2000 codes are the basic code for general construction in concrete structures, hence all the structural members are designed using limit state method in accordance with the IS 456:2000 code and design aids. The planning of any building in India will be recognized by National Building Code (NBC), hence the building is planned in accordance with the National Building Code of India. The residential building has proper ventilation, it is provided with sufficient Exits, Water supply and electrification are also provided. This project also enables in establishing in sufficient water supply, electric power supply, proper sanitary system.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON
“CONSTRUCTION ACTIVITIES IN RESIDENTIAL BUILDING”

Submitted in partial fulfillment for the requirement of the award of degree
BACHELOR OF ENGINEERING IN CIVIL & ENGINEERING

Submitted by:

PAVAN NAG M A

(1SV18CV026)

Internship carried out at

P. SRINIVAS CONSTRUCTIONS

Holalkere road, Chitradurga- 577501.

Under the guidance of

INTERNAL GUIDE

Dr. G MAHESH KUMAR

PROFESSOR & HOD

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. SHIVA PRADAD L A

Assistant Engineer

SRINIVAS CONSTRUCTIONS

Chitradurga-577501



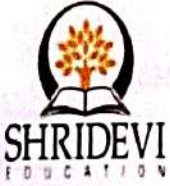
DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2008 Certified Institution)

Sira Road, Tumkur – 572 106, Karnataka.

2021-22



SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to Vishvesvaraya Technological University)
Sira Road, Tumkur – 572 106, Karnataka.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of Internship on topic entitled “CONSTRUCTION ACTIVITIES IN RESIDENTIAL BUILDING” has been successfully carried out by PAVAN NAG M A bearing (1SV18CV026) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering for the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of internship topic prescribed for B.E. Degree.

Signature of the internal Guide

Dr. G MAHESH KUMAR
PROFESSOR & HOD
DEPT. of Civil Engineering
SIET, Tumkur-572106.

Signature of the external Guide

Mr. SHIVA PRADAD L A
Assistant Engineer
SRINIVAS CONSTRUCTIONS
Chitradurga-577501

Signature of the HOD

Dr. G. MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering
SIET, Tumkur- 572106.

Signature of the Principal

Dr. NARENDRA VISHWANATHA
Principal
SIET, Tumkur- 572106.

-: External Viva :-

Name of the examiners

1. Dr. C. Nagaraj
2. RADHIKA T.N.

Signature with date

C. Nagaraj 28/1/22
Radhika T.N. 28/1/22



Ref. No.

Date.....

Certificate

Curriculum internship training

This is to certify that **PAVAN NAG M A S/O ASHOK KUMAR** Student of Shridevi Institute of Engineering & Technology, sira road, Tumakur – 572 106.

Studying in 8th semester BE in Civil Engineering have successful completed internship work in our company i.e, "**P. SRINIVAS CONSTRUCTIONS**"

As a part of curriculum in BE Program of VTU for period of 4 weeks from 02/09/2021 to 01/10/2021

During the period of their stay for internship work, they have undergone training at Construction activities in residential building & gained the practical knowledge of construction work which are in the progress & made them to work on an ongoing project for analyzing the components of construction work.

They completed their internship work satisfactorily during their stay in our company.

P Srinivasa

Authorized Signature

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“CONSTRUCTION OF CEMENT CONCRETE ROAD WORK”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

POOJA M

(1SV18CV027)

Internship carried out at

VINYAS BUILDER’S ENGINEERS & CONTRACTORS

Naagarabhavi, Bangalore- 560072.

Under the guidance of

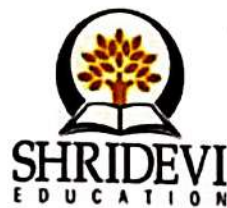
INTERNAL GUIDE

Ms. NIRANJINI B

Assistant Professor

DEPT. of Civil Engineering

SIET, Tumakur-572106.



EXTERNAL GUIDE

Mr. DEEPAK H.P

Assistant Engineering

VINYAS BUILDERS

ENGINEERS & CONTRACTORS

Bangalore- 560072.

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi,

an ISO 9001:2008 Certified Institution)

Sira Road, Tumakur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakur – 572 106, Karnataka.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the report of Internship on topic entitled “CONSTRUCTION OF CEMENT CONCRETE ROAD WORK” has been successfully carried out by POOJA M bearing (1SV18CV027) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering for the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of internship topic prescribed for B.E. Degree.


Signature of the Internal Guide

Ms. NIRANJINI B
Assistant Professor
DEPT. of Civil Engineering
SIET, Tumakur-572106.

Signature of the External Guide

Mr. DEEPAK H.P
Assistant Engineering
VINYAS BUILDER'S
ENGINEERS & CONTRACTORS
Bangalore- 560072.



Signature of the HOD
Dr. G MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering
SIET, Tumakur- 572106.



Signature of the Principal
Dr. NARENDRA VISHWANATHA
Principal
SIET, Tumakur- 572106.

-: External Viva: -

Name of the Examiners

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

Signature with date

C. Nagaraj 28/12/21
Radhika 28/12/21



Vinyas Builders

GST No . 29AAFFV3931N1ZL

Engineers & Contractors

No. 147, 3rd C Main Road, VHBCS Layout, 9th Block, 2nd Stage, BDA, Naagarabhavi, Bangalore - 560 072.
Phone : (080) 2356 7627. Mobile : 94490 31969, 94481 68751
E-mail : Invinyas@gmail.com / mhtvinyas@yahoo.com

CERTIFICATE

This is to certify that **POOJA M** student with USN: 1SV18CV027 studying in Shridevi Institute of Engineering & Technology, sira road, Tumkur-572106.

Studying in 8th semester BE in Civil Engineering having successfully completed internship as part of BE program of VTU for period of 4 weeks from 2nd Sep 2021 to 1st Oct 2021.

She worked project on Pradhan Mantri Gram Sadak Yojana (PMGSY) was launched by the Govt of India.

During the period of internship she undergone training and gained the practical knowledge of road construction work, analysis of road structure, payment design & types, test on soil, aggregates, bitumen, equipment details, and components of road construction work under instruction of our company engineers.

During the period of internship program she was found punctual and hard working.

Signature

For VINYAS BUILDERS

PARTNERS
(Venkatesh Babu)

Vinyas Builder's

Engineer & Contractors

Venkatesh Babu

2/10/22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“JNANA SANGAMA”, MACHHE, BELAGAVI – 590018



An Internship Report
on
“CONSTRUCTION OF MAJOR AQUADUCT OF
YETTIHOLE GRAVITY MAIN CHANNEL”

Submitted in fulfillment for the award of
BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted By:
PRIYANKA M.D
(1SV18CV028)

Internship Carried out
at
VISVESVARAYA JALA NIGAM
Yattinahole project zone, Tumakuru-572106

Internal Guide

Ms. NIRANJANI B

Asst. Prof. Department of Civil Engineering
SIET, Tumakuru



External Guide

Er. MADHAVA

Chief Engineer-Yattinahole Project Zone,
Tumakuru



DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY
SIRA ROAD, TUMAKURU – 572106

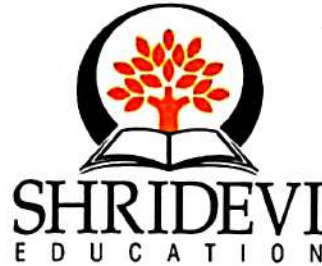
2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001: 2015 Certified Institution)

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the report of Internship on “VISVESWARAYA JALA NIGAM” Carried out by Ms. PRIYANKA M.D (USN: 1SV18CV028) bonafide student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR in partial fulfillment for the award of BACHELOR OF ENGINEERING IN CIVIL 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the B.E. degree.

Signature of the Guide

Ms. NIRANJANI B

BE,M.Tech,

Asst.Professor

Dept of Civil Engineering

SIET, Tumkur

Signature of the HOD

Dr. G. MAHESH KUMAR

BE,M.Tech, PHD

Professor & Head

Dept of Civil Engineering

SIET, Tumkur

Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumkur

Examiners:

Dr. C. Nagaraj

RADHIKA T.N.

Radhika T.N. 28/1/22

ABSTRACT

The main aim of the practice is to Improve practical skill learnt in class, upgrading be theoretical knowledge in addition to the class, improve their leadership skill, team work internship program helps to perform both technical tasks and nontechnical tasks which help to improve skill in the design field and who helps to build own personality in the structural engineering field.

The objective of YETTINHOLE project is to provide integrated drinking water supply project implemented by Visvesswaraya Jala Nigama Limited. The company is committed with most professional, high quality, services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in this world, company urge in advanced solutions, aiming to become the most admired firm our industries. The results will be delivered in time, fulfill quality specification and retain within the budget for all our projects.



ಜಲ ಸಂಪನ್ಮೂಲ ಇಲಾಖೆ
ವಿಶ್ವೇಶ್ವರಯ್ಯ ಜಲ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಉದ್ಯಮ)

Water Resources Department

VISVESWARAYA JALA NIGAM LIMITED

(A Government of Karnataka Enterprise)


No:CE/VJNL/YPZ/TMK/EST/INTERNSHIP/2022-23/ 791 Date: 30 JUN 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Priyanka.M.D bearing USN-1SV18CV028, student of Shridevi Institute of Engineering and technology, Tumakuru. As successfully completed her Internship From 7st September 2021 to 7th October 2021. in this Organization. During the period of her internship program with us, she was found punctual, hardworking and inquisitive. During the above period she was permitted to attend regular class on every day.

Date:15.06.2022

Place:Tumakuru


Chief Engineer,

VJNL, Yettinahole Project Zone,

 Tumakuru.

ಮುಖ್ಯ ಇಂಜಿನಿಯರ್ ಕಛೇರಿ, ಎತ್ತಿನಹೊಳೆ ಯೋಜನಾ ವಲಯ, ಹೇಮಾವತಿ ವಸತಿ ಗೃಹಗಳ ಸಮುಚ್ಚಯ, ಕುಣಿಗಲ್ ರಸ್ತೆ, ತುಮಕೂರು-572102

ದೂರವಾಣಿ ಸಂಖ್ಯೆ : 0816-2201866, ಫ್ಯಾಕ್ಸ್ ಸಂಖ್ಯೆ : 0816-2201866, ಇ-ಮೇಲ್ : ceypztkm@gmail.com

CIN:U41000KA2016SGC097260

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

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

“BITUMINOUS ROAD CONSTRUCTION WORK”

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

BACHELOR OF ENGINEERING IN CIVIL & ENGINEERING

Submitted by:

SANDEEP KUMAR C

(1SV18CV030)

Internship carried out at

VINYAS BUILDER’S ENGINEERS & CONTRACTORS

Naagarabhavi, Bangalore- 560072.

Under the guidance of

INTERNAL GUIDE

Mrs. RADHIKA T. N

Assistant Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.



EXTERNAL GUIDE

Mr. DEEPAK H.P

Assistant Engineering

VINYAS BUILDERS

ENGINEERS & CONTRACTORS

Bangalore- 560072.

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2008

Certified Institution)

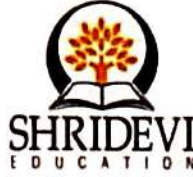
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur – 572 106, Karnataka.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the report of Internship on topic entitled “BITUMINOUS ROAD CONSTRUCTION WORK” has been successfully carried out by SANDEEP KUMAR C bearing (1SV18CV030) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering for the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of internship topic prescribed for B.E. Degree.

Signature of the Internal Guide

Mrs. RADHIKA T. N

Assistant Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

Signature of the External Guide

Mr. DEEPAK H.P

Assistant Engineering

VINYAS BUILDER'S

ENGINEERS & CONTRACTORS

Bangalore- 560072.

Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & HOD

Dept. of Civil Engineering

SIET, Tumkur- 572106.

Signature of the Principal

Dr. NARENDRA VISHWANATHA

Principal

SIET, Tumkur- 572106.

-: External Viva :-

Name of the Examiners

- 1... **Dr. C. Nagappa**
- 2... **RADHIKA T.N**

Signature with date

C. Nagappa
Radhika T.N
28/1/22



Vinyas Builders

GST No. : 29AAFFV3931N1ZL

Engineers & Contractors

No. 147, 3rd C Main Road. VHBCS Layout, 9th Block, 2nd Stage, BDA, Naagarabhavi, Bangalore - 560 072.
Phone : (080) 2356 7627. Mobile : 94490 31969, 94481 68751
E-mail : Invinyas@gmail.com / mhtvinyas@yahoo.com

CERTIFICATE

This is to certify that **SANDEEP KUMAR C** student with USN: 1SV18CV030 studying in Shridevi Institute of Engineering & Technology, sira road, Tumkur-572106.

Studying in 8th semester BE in Civil Engineering having successfully completed internship as part of BE program of VTU for period of 4 weeks from 2nd Sep 2021 to 1st Oct 2021.

He worked project on Pradhan Mantri Gram Sadak Yojana (PMGSY) was launched by the Govt of India.

During the period of internship he undergone training and gained the practical knowledge of road construction work, analysis of road structure, payment design & types, test on soil, aggregates, bitumen, equipment details, and components of road construction work under instruction of our company engineers.

During the period of internship program he was found punctual and hard working.

Signature

For VINYAS BUILDERS

PARTNERS
(Venkatesh Babu)

Vinyas Builder's

Engineer & Contractors

Venkatesh Babu

21/10/21

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELGAUM-590014

KARNATAKA



A DISSERTATION ON

“READY MIX CONCRETE”

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

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

Submitted by

VISHWANATHA H P

(USN: 1SV18CV036)

Under the Guidance of

Mrs. RADHIKA T N B E., M, Tech.

Assistant Professor

SIET, Tumkur



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

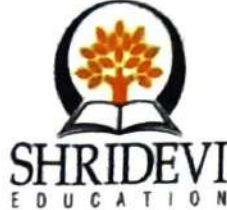
Sira Road, Tumkur-572106

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the internship work entitled "READY MIX CONCRETE" Carried out by Mr. VISHWANATHA H P (USN: 1SV18CV036) 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
Dept of Civil Engineering
SIET, Tumkur

G. Mahesh Kumar

Signature of the HOD

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET, Tumkur

Narendra Viswanath

Signature of the Principal

Dr.NARENDRA VISWANATH
SIET, Tumkur

VIVA VOCE

1. Dr. C. Nagaraja
2. RADHIKA T.N.

SIGNATURE OF EXTERNALS

C. Nagaraja
Radhika T.N.

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, **VISHWANATHA H P** bearing USN **15V18CV036** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**READY MIX CONCRETE**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

For HNS INFRA

Binku S.S.

Signature
PARTNER



+91 7019 42 3081
+91 9108 51 4260



@hnsinfra
hnsinfra@gmail.com



Sneha, Opposite BCM Hostel,
Garden Road, Tumkur - 572102

Abstract

Concrete is one of the major components of a structure, particularly a multistoried structure, where in it accounts for 30% - 50% of the total cost. The quality of concrete has also a very direct bearing on the strength & durability of the structure as a whole. It is in this context that RMC assumes relevance.

RMC is a specialized material in which the cement aggregates and other ingredients are weighed-batched at a plant in a central mixer or truck mixer, before delivery to the construction site in a condition ready for placing by the builder. Thus, 'fresh' concrete is manufactured in a plant away from the construction site and transported within the requisite journey time. The RMC supplier provides two services, firstly one of processing the materials for making fresh concrete and secondly, of transporting a product within a short time. This enables the places of manufacture and use of concrete being separated and linked by suitable transport operation. This technique is useful in congested sites or at diverse work places and saves the consumer from the botheration of procurement, storage and handling of concrete materials. Ready mix concrete is produced under factory conditions and permits a close control of all operations of manufacture and transportation of fresh concrete. Due to its durability, low cost and its ability to be customized for different applications, ready mix concrete is one of the most versatile and popular building materials.

RMC is usually ordered in units of cubic yards or meters. The use of the RMC is facilitated through a truck-mounted 'boom placer' that can pump the product for ready use at multi-storied construction sites. A boom placer can pump the concrete up to 80 meters. It must remain in motion until it is ready to be poured, or the cement may begin to solidify. The RMC concrete is generally released from the hopper in a relatively steady stream through a tough system. Workers use shovels and hoes to push the concrete into place.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“JNANA SANGAMA”, MACHHE, BELAGAVI – 590018,
KARNATAKA



2021-2022

Internship Report on

“CONSTRUCTION OF RESIDENTIAL BUILDING”

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

BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted by:

GAYATHRI K B

1SV18CV404

Under the guidance of:

Dr. C NAGARAJA ME, PhD.,
Professor of the Dept.
of Civil Engineering
SIET, TUMAKURU



DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to Visvesvaraya Technological University, Belagavi)
Sira Road, Tumakuru – 572106 KARNATAKA

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(An ISO 9001:2000 Certified Institution)Sira
Road, Tumakuru – 572106.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of internship on topic entitled “**CONSTRUCTION OF RESIDENTIAL BUILDING**” has been successfully carried out by **GAYATHRI K B (ISV18CV404)** students of Shridevi Institute of Engineering and Technology, Tumakuru -572106, in partial fulfillment of project for the award of **Bachelor of Engineering in Civil Engineering** of the **Visvesvaraya Technological University, Jnana Sangama, Belagavi -590018** during the academic year **2021-2022**. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the Department library. The report has been approved as it satisfies the academic requirement in respect of Internship programme prescribed for B.E Degree.

C. Nagaraja
.....
Signature of the Internship Guide
Dr. C NAGARAJA
Professor
Dept. of Civil Engineering
SIET, Tumakuru

C. Nagaraja
.....
Signature of the H O D
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.

External Viva

Name of the Examiners

- 1 *Dr. C. Nagaraja*
.....
2 *Radhika S.N.*
.....

Signature with date

C. Nagaraja
.....
Radhika S.N.
.....
29/17/22

ABSTRACT

As a part of VISVESVARAYA TECHNOLOGICAL UNIVERSITY syllabus, I have undergone four weeks internship programme. The internship report in study about "CONSTRUCTION TECHNOLOGY" contains six chapters in which I tried to explain my four weeks experience in my hosting company.

The content of all chapters is broadly explained. Thus, in this first chapter of the report, I have briefly described the hosting company's background.

In the remaining part I have discussed the overall internship experience including the procedural work flow, and the work I have seen in the site like reinforcement of slab, beam and footing and the techniques they have followed for the construction of site.

And I have involved in the major work which was construction of slab and the equipment's they prefer for the slab construction of footing and construction of column which was the new topic to learn.

M. RAMESHBABU

4th cross, Valmiki nagara

Challakere-577522

Mob no-9449144514

Email-rameshbabu.clk99@gmail.com

CERTIFICATE

Curriculum Internship Training

DATE

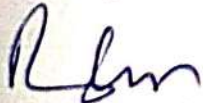
This is to certify that **GAYATHRI K.B.(USN :1SV18CV404)** student of **SHRIDEVI INSTITUTE OF ENGINNERING & TECHNOLOGY**, Sira Road, Tumkur-572106

Studying in 8th Semester B.E in "CIVIL ENGINEERING" have successfully completed Internship period of 01 month from 01th September 2021 to 01 October 2021.

During the period of their stay for internship work, they have undergone, Training at "Residential Building" And Gained the Practical knowledge of construction work which are in the progress and made them to work on an ongoing project for analyzing the components of construction work.

They completed their internship work satisfactorily. During their stay in our company Character and conduct are found to be satisfactory.

Authorized signature



(M. Ramesh Babu)

M. RAMESHA BABU

P.W.D. Class-I Contractor

CHALLAKERE-577522.

Mob: 9449144514

Site Engineer



T. N. ASSOCIATES

1st Cross, Thyagaraj Nagar,

Park Road,

CHALLAKERE-577522

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“JNANA SANGAMA”, MACHHE, BELAGAVI – 590018,
KARNATAKA



2021-2022

Internship Report on

“ CONSTRUCTION OF RESIDENTIAL BUILDING ”

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

BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

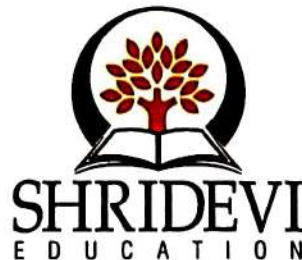
Submitted by:

SANDHYARANI B R
1SV18CV413

Under the guidance of:

Dr . C NAGARAJA M.E. PhD
Professor of the dept,

SIET, TUMAKURU.

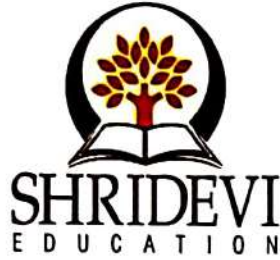


DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to Visvesvaraya Technological University, Belagavi) Sira Road,
Tumakuru – 572106 KARNATAKA

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001:2000 Certified Institution) Sira

Road, Tumakuru – 572106.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of internship on topic entitled “CONSTRUCTION OF RESIDENTIAL BUILDING ” has been successfully carried out by SANDHYARANI BR(1SV18CV413) students of Shridevi Institute of Engineering and Technology, Tumakuru -572106, in partial fulfillment of project for the award of Bachelor of Engineering in Civil Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi -590018 during the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the Department library. The report has been approved as it satisfies the academic requirement in respect of Internship programme prescribed for B.E Degree.

C. Nagaraja

Signature of the Internship Guide

Dr. C NAGARAJA

Professor of dept.

Dept. of Civil Engineering

SIET, Tumakuru

C. Nagaraja

Signature of the H O D

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.

External Viva

Name of the Examiners

1. *Dr. C. Nagaraja*
2. *Radhika T.N.*

Signature with date

1. *C. Nagaraja 29/7/22*
2. *Radhika T.N. 29/7/22*

ABSTRACT

As a part of VISVESVARAYA TECHNOLOGICAL UNIVERSITY syllabus, I have undergone four weeks internship programme. The internship report in study about "CONSTRUCTION TECHNOLOGY" contains six chapters in which I tried to explain my four weeks experience in my hosting company.

The content of all chapters is broadly explained. Thus, in this first chapter of the report, I have briefly described the hosting company's background.

In the remaining part I have discussed the overall internship experience including the procedural work flow, and the work I have seen in the site like reinforcement of slab, beam and footing and the techniques they have followed for the construction of site.

And I have involved in the major work which was construction of slab and the equipment's they prefer for the slab construction of footing and construction of column which was the new topic to learn.



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

"JNANA SANGAMA", MACHHE, BELAGAVI – 590018, KARNATAKA



**SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

Sira Road, NH-4, Tumakuru - 572 106. Karnataka.

**DEPARTMENT OF
CIVIL ENGINEERING**

A INTERNSHIP REPORT ON

"DETAILED PROJECT REPORT FOR SRIGANDAKAVALU LAKE"

A Internship report submitted in partial fulfilment of requirements of 8th semester of bachelor of engineering course during the year 2021-2022

Submitted by:

SIMRAN KARANI

(1SV18CV415)

S.I.E.T, Tumkuru

Under the guidance of:

Dr.C Nagaraja ME, Phd

Professor Of The Dept

S.I.E.T, Tumkuru



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI

JNANA SANGAMA", MACHHE, BELAGAVI – 590018, KARNATAKA



SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, NH-4, Tumakuru - 572 106. Karnataka.

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of internship on topic entitled "DETAILED PROJECT REPORT FOR SRIGANDAKAVALU LAKE" is a benefited work carried out by **SIMRAN KARANI (1SV18CV415)** students of **Shridevi Institute of Engineering and Technology, Tumakuru – 572106**, in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering** of the **Visvesvaraya Technological University, Jnana Sangama, Belagavi -590018** during the academic year **2021-22**. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the deposited in the Department library. The report has been approved as it satisfies the academic requirement of Internship programme prescribed for the Bachelor of Engineering Degree.

C. Nagaraj

Signature Of The Internship Guide

Dr. C Nagaraja

Professor

Dept. of Civil Engineering

SIET, Tumakuru

C. Nagaraj

Signature Of The HOD

Dr. G Mahesh Kumar

Professor and head

Civil Engineering, SIET, Tumakuru

Narendra Viswanath

Signature Of The Principal

Dr. Narendra Viswanath

Principal, SIET, Tumakuru.

External Viva

Name of the Examiners

Signature with date

1 *Dr. C. Nagaraj*
C. Nagaraj
25/11/22

2

Radhika T. N.
Radhika T. N.

CONTENT

INDEX

Page

No.

ABSTRACT

As a part of VISVESVARAYA TECHNOLOGICAL UNIVERSITY syllabus, I have undergone four weeks internship programme. The internship report in study about – ENVIRONMENTAL STUDIES contains chapters in which I tried to explain my four weeks experience in my hosting company.

The content of all chapters is broadly explained. Thus, in this first chapter of the report, I have briefly described the hosting company's background.

In the remaining part I have discussed the overall internship experience including the procedural work flow, and the work I have seen in the site like Topographical Details, Upstream and Downstream of the lake, Ecology of the Lake and other obligatory Details required for the concept.

And I have involved in the major work which was collection of basic data like government survey details, history of the lake. required for the preparation of project report



VTPL/IS/SIMRAN/2020-21

Dated: 03-10-2021

INTERNSHIP CERTIFICATE

This is to certify that **SIMRAN KARANI** (18118CV412) Final year Civil Engineering Student studying at "Shridevi Institute of Engineering and Technology" was an Intern at "**VIMOS TECHNOCRATS pvt ltd.**" Cauvery Layout, Hennuru main road, Bengaluru-560043 has Successfully completed the four weeks of internship program from 1-09-2021 to 1-10-2021

Following were the responsibilities she handled.

- Study on lakes and other water resource constructions
- Supervision and collection of data which is required for the report
Drafting concept plans for the development of lake.
- Construction supervision.
- Preparing report on lakes

I have found her to be a self-starter who is motivated, duty bound and hard working. She worked sincerely on her assignments and her performance was par excellence.

We wish her all the best for her future endeavours

With regards,

SHAJAHAN R H

(Project Engineer)

VIMOS TECHNOCRATS PVT LTD



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi – 590018



An Internship Report

On

"CONSTRUCTION OF RETAINING WALL FOR COMMERCIAL BUILDINGS"

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. KARTHIK G

(ISV18CV019)

Internship was carried out at

"HNS CONCRETES", Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Dr. G. Mahesh Kumar.PH.D

Head and Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. Shreekumar Menon

Senior Engineer

RMC plant at HNS INFRA, 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 "CONSTRUCTION OF RETAINING WALL FOR COMMERCIAL BUILDING" has been carried out by **KARTHIK G** bearing **USN: 1SV18CV019** 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

Dr. G. MAHESH KUMAR

Head and Professor

Dept. of Civil Engineering

Signature of HOD

Dr. G. MAHESH KUMAR.

Head and Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON

Senior Engineer

RMC plant at HNS INFRA, TUMKUR

Signature of Principal

Dr. NARENDRA VISWANATH.

Principal

SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) **Dr. C. Nagany**
- 2) **RADHIKA**

Signature with date

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.



Dear Sir/Madam

This is to inform that, **KARTHIK G** bearing USN **1SV18CV019** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**RETAINING WALL FOR THE COMMERTIAL BUILDING** " from last 4 weeks i.e 1/09/2021 to 30/09/2021.

For H N S INFRA
Binku. S.S.
Signature **PARTNER**

Date: 1/10/2021

ACKNOWLEDGEMENT

I take this opportunity to convey my deep sense of gratitude to all those who have been kind enough to offer advice and assistance when needed which has led to the successful analysis and design of this project work.

I wish to thank **Dr. M R HULINAYKAR**, Founder and Managing Trustee, SIET Tumkur for providing me the opportunity to carry out my studies in the institution.

I extend my sincere thanks to our Principal **Dr. NARENDRA VISWANATH** for his co-operation and encouragement.

I am grateful to **Dr. G MAHESH KUMAR**, HOD and guide Dept of Civil Engineering, SIET, Tumkur for his much-needed support and help in needed sphere, for her guidance, keen interest and ever available help during execution of this dissertation work.

I express my deepest gratitude and sincere thanks to **Dr. NAGARAJ C N, Mr. MANOGNA H N, Mr. PRAKASH J, Ms. NIRANJANI B** and **Mrs. RADHIKA T N** for their encouragement, valuable guidance, suggestion and overall help throughout successful completion of my project.

I would like to express my profound sense of gratitude to our institution and management "**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR**", which has provided me an opportunity in fulfilling my most cherished dream.

I thank all the Teaching Staff and Non-Teaching Staff of Civil Engineering Department, SIET Tumkur. Special thanks to my friends who have directly or indirectly helped during this dissertation work.

Mr. KARTHIK G

(1SV18CV019)

ABSTRACT

The main aim of the practice is to Improve practical skill learnt in class, upgrading the theoretical knowledge in addition to the class, improve their leadership skill, team-work internship program helps to perform both technical tasks and nontechnical tasks which help to improve skill in the design field and who helps to build own personality in the structural engineering field.

Retaining walls are structures that are used to retain earth (or any other material) in a position where the ground level changes abruptly. They can be of many types such as gravity wall, cantilever wall, counterfort wall and buttress wall among others. The 'cantilever wall' is the most common type of retaining wall and is economical heights up to about 8 m. The lateral force due to earth pressure is the main force that acts on the retaining wall which has the tendency to bend, slide and overturn it.

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.

Assistant 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. Nagaman
- 2) 
RADHIKA

Signature with date

 28/7/22
 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 is 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:

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

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANASANGAMA", BELAGAVI – 590018



**An Internship Report
On**

"UNDERGROUND DRAINAGE WORKS"

Submitted In Partial Fulfillment for the Award of Degree of

**BACHELOR OF ENGINEERING IN
CIVIL ENGINEERING**

Submitted by

BHAVANA G

(ISV19CV402)

Internship Carried Out

At

HNS INFRA, TUMAKURU

INTERNAL GUIDE

**Mr. Prakash J M.Tech.,
Assistant Professor,
Dept. of Civil Engineering
SIET, Tumakuru – 06**

EXTERNAL GUIDE

**Mr. Sreekumar Menon
Executive Engineer
HNS Infra, Bommanahalli
(NH4 kora) Tumakuru - 06**



**DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumakuru – 572 106
2021-22**

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKURU – 572 106
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the report of Internship on topic entitled “**UNDERGROUND DRAINAGE WORKS**” has been successfully carried out by **BHAVANA G** bearing (ISV19CV402) in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** for the academic year 2021 – 2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of Internship topic prescribed for B.E Degree.

Signature of Internal Guide
Mr. Prakash J M.Tech.,
Assistance Professor
Dept of Civil Engineering

Signature of External Guide
Mr. Sreekumar Menon
Executive Engineer
HNS Infra, Bommanahalli
(NH4 kora) Tumakuru - 06

Signature of H.O.D
Dr. G Mahesh Kumar
Professor & HOD
Dept of Civil Engineering

Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumakuru

External Viva Voce

Name of the Examiner

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

Signature with date

C. Nagaraj 28/1/22
Radhika T.N 28/1/22

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that **BHAVANA G** bearing USN **1SV19CV402** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**DRAINAGE WORK**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

OF H N S INFRA
B. S. S.
Signature



+91 7019 42 3081
+91 9108 51 4260



@hnsinfra
hnsinfra@gmail.com



Shena Opposite BCM Hostel
Garden Road Tumkur - 572102

ABSTRACT

Sewage contains a large number of impurities in the form of silt, clay, rags, oils, etc. under normal flow they are likely to settle and choke the sewers. These have to be cleared from time to time and adequate facilities should be provided for this purpose.

For efficient working and maintenance of sewer systems, various additional structures are provided on the sewer lines. These structures are called sewer appurtenances.

Manhole is one of such sewer appurtenances which is a masonry or RCC chamber constructed on the alignment of sewer for providing access to the sewer for the purpose of inspection, testing, cleaning and removal of obstruction from the sewer line. They also help in joining sewer lines or in changing the direction or alignment or both.

To enhance the knowledge of sewage appurtenances, internship project work on **UNDERGROUND DRAINAGE WORKS** done at **Kesaramadu Ring Road Tumakuru**.

In the present work, laying of sewer lines and construction of deep manhole of 2500 liters capacity at an estimated cost of rupees 68564 has been carried out to provide a good drainage system to the layout in Kesaramadu Ring Road Tumakuru.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

"CONSTRUCTION OF LABORATORY AND AUDITORIUM BUILDING FOR TUMKUR UNIVERSITY"

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr.CHANDANA A S (1SV19CV403)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Mr.PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001:2008 Certified Institution)

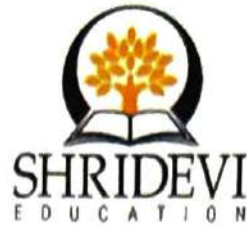
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the Internship report work entitled "CONSTRUCTION OF LABORATORY AND AUDITORIUM BUILDING FOR TUMKUR UNIVERSITY" out Carried out by Mr. CHANDAN A S (USN: 1SV19CV403) 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.



Signature of the Guide

Mr. PRAKASH J

Asst. Professor

Dept of Civil Engineering
SIET, Tumkur



Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & Head

Dept of Civil Engineering
SIET, Tumkur



Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumkur

-: External Viva :-

Name of the examiners

1. **Dr. C. Nagaraj**
2. **Radhika J.N.**

Signature with date

C. Nagaraj 28/1/22
Radhika J.N.



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: aeePWDtmk@gmail.com

Ref No: 144

Date: 14/6/2022.

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr.CHANDAN A S. (USN: 1SV19CV403) Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed his internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 02/09/2021 to 01/10/2021.

He has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Authorised Signatory
Assistant Executive Engineer
PW. & I.W.T.D Sub - Division,
Tumkur-572 101

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

"CONSTRUCTION OF LABORATORY BUILDING FOR TUMKUR UNIVERSITY "

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Ms.CHINTHANA B S (1SV19CV404)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Dr.G.MAHESH KUMAR

Professor & Head

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001:2008 Certified Institution)

Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the Internship Report work entitled **CONSTRUCTION OF LABORATRY BUILDING FOR TUMKUR UNIVERSITY** out Carried out by Ms. **CHINTHANA B S (USN: 1SV19CV404)** 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 technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree.

Signature of the Guide

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Signature of the HOD

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Signature of the Principal

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

Examiners!

Dr. C. Naganaj

Rodhika TN

C. Naganaj - 28/1/22

Rodhika TN - 28/1/22



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: acepwdtmk@gmail.com

Ref No:

Date:

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Ms. **CHINTHANA B S (USN: 1SV19CV404)** Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed her internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 19th March to 19th April 2022.

She has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & T.W.T.D Sub-Division,
Tumkur-572 101

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“READY MIX CONCRETE AND CONSTRUCTION EQUIPMENTS”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. DARSHAN R

(1SV19CV405)

Internship was carried out at

“HNS CONCRETES”, Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Ms. Niranjani B. M. Tech.

Assistant Professor

Dept. of Civil Engineering

EXTERNAL GUIDE

Mr. Shreekumar Menon

Senior Engineer

RMC plant at HNS INFRA, 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 "READY MIX CONCRETE AND CONSTRUCTION EQUIPMENTS" has been carried out by **DARSHAN R** bearing **USN: 1SV19CV405** 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.

Head and Professor

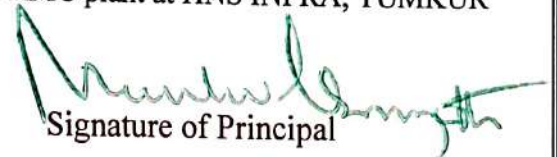
Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON.

Senior Engineer

RMC plant at HNS INFRA, TUMKUR


Signature of Principal


Dr. NARENDRA VISWANATH.

Principal



SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) 
Dr. C. Nagaraj
- 2) 
Radhika TN

Signature with date


C. Nagaraj 28/7/22

Radhika TN 28/9/22

ABSTRACT

Ready-mix concrete (RMC) is a ready-to-use material, with predetermined mixture of cement, sand, aggregates and water. RMC is a type of concrete manufactured in a factory according to a set recipe or as per specifications of the customer, at a centrally located batching plant. RMC is preferred to on-site concrete mixing because of the precision of the mixture and reduced worksite confusion. It facilitates speedy construction through programmed delivery at site and mechanized operation with consequent economy. It also decreases labour, site supervising cost and project time, resulting in savings. Proper control and economy in use of raw material results in saving of natural resources. It is a common fact that we find a wide variety of construction machines on every construction site, which make the construction jobs easy, safe and quicker. Good project management in construction must vigorously purpose the efficient utilization of Labour, material and equipment. The use of new equipment and innovative has made possible wholesale changes in construction technologies in recent decades. The selection of the appropriate type and size of construction equipment often affects the required amount of the time and effort and thus the job site productivity of a project.

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, **DARSHAN R** bearing USN **1SV19CV405** of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "**CONSTRUCTION EQUIPMENTS**" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

HNS INFRA
B. S. S.
Signature
PARTNER



+91 7019 42 3081
+91 9108 51 4260



@hnsinfra
hnsinfra@gmail.com



Sneha.Opposite BCM Hostel,
Garden Road, Tumkur - 572102

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. DEEPIKA V JAIN

(ISVI9CV406)

Internship was carried out at

"Tumkuru Urban Development Authority Beside Thammaiya Hospital, Hanmanthapura",

Tumkuru

INTERNAL GUIDE

Mrs. RADHIKA T.N. 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. DEEPIKA V JAIN bearing USN: ISV19CV406 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.
22/7/22
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

Signature with date

- 1) *Dr. C. Nagamani*
- 2) *Radhika T.N.*

C. Nagamani
Radhika T.N.

ವ್ಯಕ್ತಿ: 08/6-2255761

ದೂರವಾರ್ತೆ: 2272280

ತುಮಕೂರು ನಗರಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರ

ಬೆಳಗುಂಬ ರಸ್ತೆ, ತುಮಕೂರು-572103

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

ಸಾರ್ವಜನಿಕ ಸಂಸ್ಥೆಗಳ
ಅಧಿಕಾರ ವ್ಯಾಪ್ತಿ - ತುಮಕೂರು

ದಿನಾಂಕ: 13/06/2021

ಸಂಖ್ಯೆ : ತುನಪ್ರ/ಸಂಯೋಜನೆ/ನತರೆ/1013/2020-21

To

671

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

Dear sir/madam

This is to inform that DEEPIKA V JAIN bearing USN:ISV19CV406 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 6/22

TUDA

4

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. DHANUSHREE M N

(ISVI9CV407)

Internship was carried out at

“Sri Mahalakshmi Arcade, 1st Floor, SS Puram Main Road, Coffee Board Colony”,

Tumkuru-572102

UNDER THE GUIDANCE OF

Dr.G. MAHESH KUMAR

Professor & Head of Department

Dept. of Civil Engg, SIET, Tumkur

EXTERNAL GUIDANCE OF

Ms. RASHMI S R

Assistant Engineer

Tumakuru Smart City Limited



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 "INTEGRATED BUS TERMINAL (IBT), TUMKUR" has been carried out by Ms. DHANUSHREE M N bearing USN: 1SV19CV407 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.

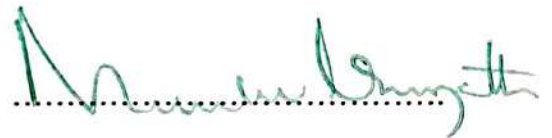


Signature of Internal Guide and HOD

Dr.G. MAHESH KUMAR

Professor & Head of Department

Dept. of Civil Engg, SIET, Tumkur



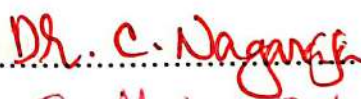

Signature of the Principal

Dr. NARENDRA VISWANATH

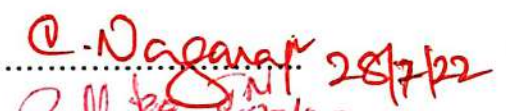

Principal

SIET, Tumkur

Name of the Examiners

- 1) 
- 2) 

Signature with date

ABSTRACT

This report is an INTERNSHIP report submitted in partial fulfillment of the requirements for the degree in civil engineering as per norms of VTU. The report consists of some of works in Integrated bus Terminal and different work carried out in the different sites and procedures used at the site construction. As per the calculations the process is carried in the field. The whole work we visited at the time of Basement and upper ground floor construction. So including the work of Excavation, Reinforcement, Shuttering, Dewatering process like these are the works we understand the things came in it. 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.



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್
TUMAKURU SMART CITY LIMITED

Phone: 0816 2270190 Fax: 0816 2252920
E-mail: office@tumasctcitytumakuru.in / smartcitytumakuru@gmail.com
Website: www.tumasctcitytumakuru.in CIN: U74999KA2011PLC077774



09th June 2022

INTERNSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that Ms. Dhanushree M N (18V19CV407) 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

VISVESVARAYYA TECHNOLOGICAL UNIVERSITY

JNANASANGAMA, BELAGAVI-590018



INTERNSHIP REPORT ON:

“INTEGRATED BUS TERMINAL (IBT) TUMAKURU”

Submitted in partial fulfillment of the requirement for the degree of
BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted By:

GAYITHRI S N (1SV19CV408)

Under The Guidance Of:

Ms. NIRANJANI B, BE, M.Tech

Assistant Professor

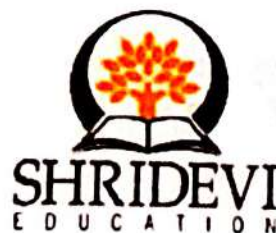
Dept. of Civil Engg, SIET, Tumkur

External Guidance Of:

Ms. RASHMI S R

Assistant Engineer

Tmakuru smart city limited



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru-572106

2021-22

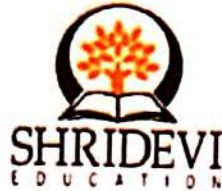
VISVESVARAYYA TECHNOLOGICAL UNIVERSITY

JNANASANGAMA, BELAGAVI-590018

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru-572106

2021-22



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

It is Certified that the INTERNSHIP REPORT entitled "INTEGRATED BUS TERMINAL (IBT) TUMAKURU" carried out by **GAYITHRI S N (ISV19CV408)** is a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering of the 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.

.....
Signature of the Project Guide

Ms. NIRANJANI B, BE, M.Tech
Assistant Professor
Dept. of Civil Engg,
SIET, Tumkur

.....
Signature of the HOD

Dr. G MAHESH KUMAR
Professor and HOD
Dept. of Civil Engg,
SIET, Tumkur

.....
Signature of the Principal

**Dr. NARENDRA
VISHWANATH**
Principal
SIET, Tumkur

Name and Signature of Examiner

- 1) **Dr. C. Nagaraja**
- 2) **Radhika S.N**

.....
C. Nagaraja
Radhika S.N

ABSTRACT

This report is an INTERNSHIP report submitted in partial fulfillment of the requirements for the degree in civil engineering as per norms of VTU. The report consists of some of works in Integrated bus Terminal and different work carried out in the different sites and procedures used at the site construction. As per the calculations the process is carried in the field. The whole work we visited at the time of Basement and upper ground floor construction. So including the work of Excavation, Reinforcement, Shuttering, Dewatering process like these are the works we understand the things came in it. 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.



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್
TUMAKURU SMART CITY LIMITED



Phone : 0816-2278190 Fax : 0816-2252970
E-mail : office@smartcitytumakuru.in / smartcitytumakuru@gmail.com
Website : www.smartcitytumakuru.in CIN : U74999KA2017PLC099774

09th June 2022

INTERNSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Gayathri S N (1SV19CV408)** 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.**

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI – 590018 KARNATAKA



An Internship Report

on

**“DRAFTING AND DETAILING OF VARIOUS STRUCTURAL
ELEMENT OF G+4 RESIDENTIAL BUILDING USING
AUTOCAD”**

Submitted in Partial Fulfillment of the Requirements for the Award of Degree of

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

Submitted By:

**GURU HM
(1SV19CV409)**

Internship Carried out

at

YSTR STRUCTURAL CONSULTANT

**#2, Best Apartments, Arunachalan Road,
BEML Layout, 5th Stage, R R Nagar, Bangalore-560098.**

Internal Guide

**Dr. G. MAHESH KUMAR., Ph.D.,
Professor & Head of the Department
SIET, Tumkur**



External Guide

**Mr. R. PANDYAN NAIDU
Owner of YSTR Structural Consultant
RR Nagar, Bangalore**



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

SIRA ROAD, TUMAKURU – 572106

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 "DRAFTING AND DETAILING OF VARIOUS STRUCTURAL ELEMENT OF G+4 RESIDENTIAL BUILDING USING AUTOCAD" out Carried out by Mr. GURU H M (USN: 1SV19CV409) 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.

Signature of the Guide

Dr.G.MAHESH KUMAR
Professor & Head, Dept of
Civil Engineering
SIET, Tumakuru

Signature of the HOD

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Signature of the Principal

Dr.NARENDRA VISWANATH
Principal
SIET ,Tumkur

External viva-voce

Name of Examiners

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

Signature with Date

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

ABSTRACT

The main aim of the practice is to improve practical skill learnt in class, upgrading the theoretical knowledge in addition to the class, improve their leadership skill, team-work, etc. internship program helps to perform both technical tasks and nontechnical tasks which helps to improve skill in the design field and also helps to build own personality in the structural engineering field.

The objective of YSTR Structural Consultant is to provide Quality Structural Engineering Services to Residential, Commercial, Institutional and Industrial. The company is committed to provide with the most professional, high quality, cost effective services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in the world, company urge in advanced solutions, aiming to become the most admired firm in our industries. The results will be delivered in time, fulfill quality specifications and remain within the budget for all our projects.



R.PANDYAN NAIDU, DCE, BE, ME.
STRUCTURAL CONSULTANTS & DESIGN STUDIO

DATE: 01-06-2022

TO WHOM SOEVER IT MAY CONCERN

SUB: CERTIFICATE OF COMPLETION OF INTERNSHIP PROGRAM BY
Mr. GURU H M.

This is to certify that **Mr. GURU H M**, student of Shridevi Institute of Engineering and Technology, Tumkur having register No. **1SV19CV409** did his internship program in our Company, YSTR Structural Consultants, Bangalore from **3rd September 2021 to 6th October 2021**.

He has successfully completed his internship program in our organization in the area of **"CIVIL ENGINEERING"**.

During this period, he has acquired the knowledge of drafting and detailing of various structural elements using **AutoCAD** and has also visited the various site for practical knowledge.

His conduct and performance during the said Internship Program was found to be good.

For YSTR Structural Consultants



R. PANDYAN
Proprietor/Managing Director



YSTR™ structural consultant
2, Basement Floor, Best Apartments,
BEML Layout, 5th Stage,
Rajarajeshwarinagar, Bangalore-98

Mpb : 9448048983 / 8951149115

2, Basement Floor, Best Apartments, BEML layout, 5th Stage
RajaRajeswariNagar, B'LORE-5600 98.

M- 9448048983, 8951149115, website: www.ystrarc.com, Email : ystr.pandyan@gmail.com.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA," MACHHE, BELAGAVI-590018.
KARNATAKA



Internship Report on

**"CONSTRUCTION OF INTEGRATED CITY MANAGEMENT
CONTROL CENTRE"**

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted By-

HARSHITHA M.P

(ISV19CV410)

Internship Carried Out At-

Tumakuru Smart City Limited Tumakuru

Under the Guidance of-

Mr. PRAKASH J M.Tech.,

Assistant Professor

Department of Civil Engineering

SIET, Tumakuru.

External Guidance of-

Mr. MOHAMAD ZAVID

Assistant Engineer

Tumakuru Smart City Limited

Tumakuru.



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

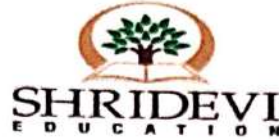
(Affiliated to Visvesvaraya Technological University, Belagavi)

Sira Road, Tumakuru- 572106 KARNATAKA

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi).

Sira Road, Tumakuru- 572106 KARNATAKA



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to Certify that this internship report of Internship on topic entitled "CONSTRUCTION OF INTEGRATED CITY MANAGEMENT CONTROL CENTRE" has been successfully carried out by HARSHITHA M.P (1SV19CV410) is a bonafied student of SRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU-572106, in partial fulfilment for the award of **Bachelor of Engineering in CIVIL ENGINEERING** of the VISVESVARAYA TECHNICAL UNIVERSITY, Belagavi during the year 2021-2022. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The technical seminar report has been approved as it satisfies the academic requirements in respect of Technical Seminar Work prescribed for B.E Degree.

Signature of Internal Guide

Mr. Prakash J. M.Tech.,
Assistant Professor
Dept. of Civil Engineering
SIET, Tumakuru.

Signature of the HOD

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

Signature of the Principal

Dr. Narendra Viswanath
Principal
SIET, Tumakuru.

External Viva

Name of the Examiners

1. Dr. C. Nagappa
2. Radhika T.N.

Signature with Date

C. Nagappa 28/7/22
Radhika T.N. 28.7.22

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.



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್
TUMAKURU SMART CITY LIMITED

Phone : 0816-2278190 Fax : 0816-2252970
E-mail : office@smartcitytumakuru.in / smartcitytumakuru@gmail.com
Website : www.smartcitytumakuru.in CIN : U74999KA2017PLC099774



09th June 2022

INTERNSHIP CERTIFICATE

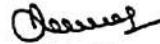
TO WHOM IT MAY CONCERN

This is to certify that Ms. Harshitha M P (1SV19CV410) 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) Construction of ICMCC Building at SP Office.

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.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON
"CONSTRUCTION OF HOSTEL BUILDING"

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

Submitted by:

Ms. MEGHANA .B.U.

(1SV19CV411)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the guidance of

INTERNAL GUIDE

Dr. G MAHESH KUMAR

PROFESSOR & HOD

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2008 Certified Institution)

Sira Road, Tumkur – 572 106, Karnataka.

2021-22



SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated to Vishvesvaraya Technological University)
Sira Road, Tumkur - 572 106, Karnataka.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the report of Internship on topic entitled "CONSTRUCTION OF HOSTEL BUILDING" has been successfully carried out by Ms.MEGHANA B U bearing (1SV19CV411) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering for the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department. The report has been approved as it satisfies the academic requirements in respect of internship topic prescribed for B.E. Degree.

Signature of the internal Guide

Dr. G MAHESH KUMAR
PROFESSOR & HOD
DEPT. of Civil Engineering
SIET, Tumkur-572106.

Signature of the external Guide

Mr. HARISH KUMAR
Assistant Executive Engineer
Public Works Department
Tumakuru-572101

Signature of the HOD

Dr. G. MAHESH KUMAR
Professor & HOD
Dept. of Civil Engineering
SIET, Tumkur- 572106.

Signature of the Principal

Dr. NARENDRA VISHWANATHA
Principal
SIET, Tumkur- 572106.

-: External Viva :-

Name of the examiners

1. Dr. C. Nagaraja

2. J. ANANDKANTH

Signature with date

C. Nagaraja 20/12/22

Roobika 20/12/22



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: acepwdtunk@gmail.com

Ref No: 144

Date: 14/6/2022.

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Ms. **Meghana.B.U** (USN: 1SV19CV411) Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed her internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 02/09/2021 to 01/10/2021.

She has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & I.W.T.D Sub - Division,
Tumkur-572 101

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI – 590018 KARNATAKA



An Internship Report

on

**“DRAFTING AND DETAILING OF VARIOUS STRUCTURAL
ELEMENT OF G+3 RESIDENTIAL BUILDING USING
AUTOCAD”**

**Submitted in Partial Fulfillment of the Requirements for the Award of Degree of
BACHELOR OF ENGINEERING**

IN

CIVIL ENGINEERING

Submitted By:

**ONKARASWAMY CM
(ISV19CV412)**

Internship Carried out

at

YSTR STRUCTURAL CONSULTANT

**#2, Best Apartments, Arunachalan Road,
BEML Layout, 5th Stage, R R Nagar, Bangalore-560098.**

Internal Guide

Mr. PRAKASH J. BE. M, Tech.

**Asst, Professor Dept of Civil Engineering
SIET, Tumakur**



External Guide

Mr. R. PANDYAN NAIDU

**Owner of YSTR Structural Consultant
RR Nagar, Bangalore**



DEPARTMENT OF CIVIL ENGINEERING

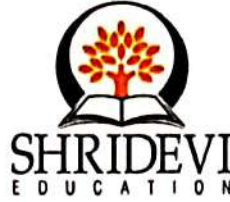
**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKURU – 572106**

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the Internship seminar work entitled "DRAFTING AND DETAILING OF VARIOUS STRUCTURAL ELEMENT OF G+3 RESIDENTIAL BUILDING USING AUTOCAD" out Carried out by Mr. ONKARASWAMY CM (USN: 1SV19CV412) 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.

Signature of the Guide

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

Signature of the HOD

Dr. G. MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET, Tumkur

Signature of the Principal

Dr. NARENDRA VISWANATH
Principal
SIET, Tumkur

External viva-voce

Name of Examiners

Signature with Date

1) Dr. C. Nagappa
2) RADHIKA T.N

C. Nagappa 20/7/22
Radhika T.N

ABSTRACT

The main aim of the practice is to improve practical skill learnt in class, upgrading the theoretical knowledge in addition to the class, improve their leadership skill, team-work, etc. internship program helps to perform both technical tasks and nontechnical tasks which helps to improve skill in the design field and also helps to build own personality in the structural engineering field.

The objective of YSTR Structural Consultant is to provide Quality Structural Engineering Services to Residential, Commercial, Institutional and Industrial. The company is committed to provide with the most professional, high quality, cost effective services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in the world, company urge in advanced solutions, aiming to become the most admired firm in our industries. The results will be delivered in time, fulfill quality specifications and remain within the budget for all our projects.



YSTR

R.PANDYAN NAIDU, DCE,BE,ME.
STRUCTURAL CONSULTANTS & DESIGN STUDIO

DATE: 01-06-2022

TO WHOM SOEVER IT MAY CONCERN

SUB: CERTIFICATE OF COMPLETION OF INTERNSHIP PROGRAM BY
Mr. ONKARASWAMY C M.

This is to certify that **Mr. ONKARASWAMY C M**, student of Shridevi Institute of Engineering and Technology, Tumkur having register No. **1SV19CV412** did his internship program in our Company, YSTR Structural Consultants, Bangalore from **3rd September 2021 to 6th October 2021**.

He has successfully completed his internship program in our organization in the area of "**CIVIL ENGINEERING**".

During this period, he has acquired the knowledge of drafting and detailing of various structural elements using **AutoCAD** and has also visited the various site for practical knowledge.

His conduct and performance during the said Internship Program was found to be good.

For YSTR Structural Consultants


R. PANDYAN

Proprietor/Managing Director



YSTR™ structural consultant
2, Basement Floor, Best Apartments,
BEML Layout, 5th Stage,
Rajarajeshwarinagar, Bangalore-98.
Mob : 9448048983 / 8951149115

2, Basement Floor, Best Apartments, BEML layout, 5th Stage
RajaRajeswariNagar, B'LORE-5600 98.

M.- 9448048983, 8951149115, website: www.ystrarc.com, Email : ystr.pandyan@gmail.com.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

"DESIGN OF AUDITORIUM FINE ARTS BLOCK (KALABHAVAN)"

NEW TUMAKURU UNIVERSITY BIDARAKATTE, TUMAKURU

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. RAKHESH H M (1SV19CV413)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Mr. PRAKASH J

Assistance Professor

DEPT. of Civil Engineering

SIET, Tumakuru-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001:2008 Certified Institution)

Sira Road, Tumakuru – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the technical seminar work entitled "DESIGN OF AUDITORIUM FINE ARTS BLOCK (KALABHAVAN)" NEW TUMAKURU UNIVERSITY BIDARAKATTE, TUMAKURU out Carried out by Mr. RAKHESH H M (USN: 1SV19CV413) Bonafede student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU 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 Intimal Assessment have been incorporated in the Report deposited in the departmental library. The technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed for the Bachelor degree.



Signature of the Guide

Mr. PRAKASH J

Assistance Professor

Dept of Civil Engineering
SIET, Tumakuru



Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & Head

Dept of Civil Engineering
SIET, Tumakuru
External Viva



Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET, Tumakuru

Name of the examiners

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

Signature with date

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



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: aeePWDtmk@gmail.com

Ref No: 144

Date: 14/6/2022

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that **Mr.RAKESH H M. (USN: 1SV19CV413)** Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed his internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 02/09/2021 to 01/10/2021 .

He has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & I.W.T.D Sub-Division
Tumkur-572 101

ABSTRACT

Public Work Department (PWD) is an international, design-oriented architectural practice with an aim to produce high-quality design through personalized approach and professionalism. The end goal of each project is to create a positive experience for communities by designing spaces built around functionality and people's needs.

PWD, under the ministry of public works department, is the as the successfully set the trend and standard in the state's infrastructure development it plays a pivotal role in the implementation of government construction projects. It also undertakes projects for autosomes bodies as developed works.

The public works department has qualified and experienced professionals forming as multi-disciplinary team of civil, electrical and mechanical engineers who alongside architects from the department of architect. And service to the nation with strong base of standard professionalism developed in over the years

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BEL AGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

"CONSTRUCTION OF CEMENT CONCRETE ROAD"

NEW TUMAKURU UNIVERSITY BIDARAKATTE, TUMAKURU

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. RAVIKUMAR G R (1SV19CV414)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Dr. G. MAHESH KUMAR

Professor & Head

DEPT. of Civil Engineering

SIET, Tumakuru-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001:2008 Certified Institution)

Sira Road, Tumakuru – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the Internship report work entitled "**CONSTRUCTION OF CEMENT CONCRETE ROAD**" NEW TUMAKURU UNIVERSITY BIDARAKATTE, TUMAKURU out Carried out by **Mr.RAVIKUMAR G R (USN: 1SV19CV414)** Bonafede student of **SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU** 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 Intimal Assessment have been incorporated in the Report deposited in the departmental library. The technical seminar report has been approved as it satisfies the academic requirements in respect of the curriculum prescribed forthe Bachelor degree.

C. Nagary
Signature of the Guide

Dr.G.MAHESHKUMAR
Professor & Head
Dept of Civil Engineering
SIET,Tumakuru

C. Nagary
Signature of the HOD

Dr.G. MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET,Tumakuru

Narendra Viswanath

Signature of the Principal

Dr.NARENDRA VISWANATH
Principal
SIET,Tumakuru

-: External Viva :-

Name of the examiners

1. *Dr. C. Nagary*
2. *Radhika TN*

Signature with date

C. Nagary 29/7/22
Radhika TN 29/7/22



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: acepwdtmk@gmail.com

Ref No: 144

Date: 14/6/2022.

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr.RAVIKUMAR G R (USN: 1SV19CV414) Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed his internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 02/09/2021 to 01/10/2021 .

He has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & I.W.T.D Sub-Division
Tumkur-572 101

ABSTRACT

Public Work Department (PWD) is an international, design-oriented architectural practice with an aim to produce high-quality design through personalized approach and professionalism. The end goal of each project is to create a positive experience for communities by designing spaces built around functionality and people's needs.

PWD, under the ministry of public works department, is the as the successfully set the trend and standard in the state's infrastructure development it plays a pivotal role in the implementation of government construction projects. It also undertakes projects for autosomes bodies as developed works.

The public works department has qualified and experienced professionals forming as multi-disciplinary team of civil, electrical and mechanical engineers who alongside architects from the department of architect. And service to the nation with strong base of standard professionalism developed in over the years

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA,” MACHHE, BELAGAVI-590018.
KARNATAKA



Internship Report on

“DEVELOPMENT OF CITY LIBRARY TUMAKURU”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted By-

RUCHITHASHRI K

(1SV19CV415)

Internship Carried Out

At-

Tumakuru Smart City Limited Tumakuru

Under the Guidance of

Mr. PRAKASH J, M.Tech.

Assistant Professor

Department of Civil Engineering

SIET, Tumakuru

External Guidance of

Mr.H M Shiva Kumar, AEE

Assistant Engineer

Tumakuru Smart City Limited

Tumakuru.



DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Sira Road, Tumakuru- 572106 KARNATAKA

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 "**DEVELOPMENT OF CITY LIBRARY TUMKUR**" out Carried out by Ms.RUCHITHASHRI K (USN: 1SV19CV415) 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.

Signature of the Guide

Mr.PRAKASH J

Asst, Professor Dept of Civil
Engineering
SIET, Tumakuru

Signature of the HOD

Dr.G.MAHESH KUMAR

Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Signature of the Principal

Dr.NARENDRA VISWANATH

Principal
SIET ,Tumkur

External viva-voce

Name of Examiners

- 1) Dr. C. Nagaraj
- 2) Radhika TN

Signature with Date

C. Nagaraj 29/7/22
Radhika TN 29/7/22

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.



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್
TUMAKURU SMART CITY LIMITED

Phone : 0816-2278190 Fax : 0816-2252970
E-mail : office@smartcitytumakuru.in / smartcitytumakuru@gmail.com
Website : www.smartcitytumakuru.in CIN : U74999KA2017PLC099774



09th June 2022

INTERNSHIP CERTIFICATE

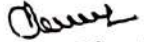

TO WHOM IT MAY CONCERN

This is to certify that Ms. Ruchithashri K (ISV19CV415) 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.
- 2) Development of City Library & Incubation Centre in Tumakuru City near Town Hall Junction.

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 

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“JNANA SANGAMA”, BELAGAVI – 590018 KARANTAKA



An Internship Report
on
“MODERNIZATION OF VIJAYANAGRA CHANNELS”
Submitted in Partial Fulfillment of the Requirements for the Award of Degree of
BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING

Submitted By:
S A SAIPRAKASH
(1SV19CV416)

Internship Carried out
at
RNS INFRASTRUCTURE LIMITED
Naveen Complex 7th floor, No,14, M.G Road Bangalore-560001

Internal Guide

Mr. PRAKASH J, BE, M,Tech.
Asst, Professor Depr of Civil Engineering
SIET , Tumkur



External Guide

Mr. R T SHETTY
Owner of RNS Infrastructure Limited
M.G Road Bangalore



DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMAKURU – 572106

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 "**MODERNIZATION OF VIJAYANAGARA CHANNELS**" out Carried out by **Mr. S A SAIPRAKASH (USN: 1SV19CV416)** 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.

Signature of the Guide

Mr.PRAKASH J

Asst, Professor Dept of Civil
Engineering
SIET, Tumakuru

Signature of the HOD

Dr.G.MAHESH KUMAR

Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Signature of the Principal

Dr.NARENDRA VISWANATH

Principal
SIET ,Tumkur

External viva-voce

Name of Examiners

- 1) Dr. C. Nagaraj
- 2) Rachika N

Signature with Date

C. Nagaraj - 27/7/22
Rachika N - 29/7/22



RNS INFRASTRUCTURE LIMITED

CIN : U74210KA2003PLC032362

Naveen Complex, 7th Floor, No. 14, M.G. Road, Bengaluru - 560001 India

Ph : 080 - 42897000 E-mail : contact@rnsil.com

Date: 29.10.2021

TO WHOMSOEVER IT MAY CONCERN

SUB: CERTIFICATE OF COMPLETION OF INTERNSHIP PROGRAM BY MR. S. A. SAIPRAKASH

VIJ.

bon:

part:

VIS

certi

Rep

aca:

This is to certify that **Mr. S. A. SAIPRAKASH**, student of Shridevi Institute of Engineering and Technology Tumkur, having USN No.1SV19CV416 did his internship work in our Company, Modernization of Vijayanagara Channels (Package I) from **1st September 2021 to 5th October 2021.**


He has successfully completed his Internship work in our organization.

His conduct and performance during the said Internship work was found to be good.

For, RNS Infrastructure Limited,


General Manager

"Certified."


ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯನಕರ್ತ
(ಇ.ಡಿ.ಡಿ.ಡಿ.) ಕಛ-೨, ಕುಂಗಲ್ದಾ, ಜಲಾಶಯ
ಉಪ-ವಿಭಾಗ, ಅಗಲೇರಾ 583234
ಶಾ|| ಜ|| ಕೊಪ.

ABSTRACT

The internship report consist one month experience in RNS INFRASTRUCTURE LIMITED
The content of Internship report is broadly explained and it is constructed from practical basis of the office work and site Work.

Initially, it consist details of the company back ground including its mission, vision, the project those runs Trough the company consultation. It helps to know and access the company easily. Secondly, it gives a Highlight what about the work which was assigned to me. It is obvious that the internship has a plus point in Terms of improving skills and different abilities as a whole. Later, I give details of the main benefits of the Internship it terms of different aspects and areas.

In this internship we gain a good knowledge of gaining practical experience, analysis, designing and detailing Of structures using Indian standards codes. Handling the clients and inspecting the Site with our detailed drawing.

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, 1st 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

G. Mahesh Kumar

Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & Head
Dept of Civil Engineering
SIET, Tumkur

Narendra 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

- 1) C. Nagaraj 29/7/22
- 2) Radhika T.N. 29/7/22



ತುಮಕೂರು ಸ್ಮಾರ್ಟ್ ಸಿಟಿ ಲಿಮಿಟೆಡ್
TUMAKURU SMART CITY LIMITED

Phone : 0816-2278190 Fax : 0816-2252970

E-mail : office@smartcitytumakuru.in / smartcitytumakuru@gmail.com

Website : www.smartcitytumakuru.in CIN : U74999KA2017PLC099774



09th 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.

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-560014, Karnataka



AN INTERNSHIP REPORT ON

"CONSTRUCTION OF BITUMINOUS ROAD"

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. SHIVAKUMAR G (ISV19CV418)

Internship carried out at

Public Works Department

Caltex, Kunigal Road, Tumakuru- 572101.

Under the Guidance of

INTERNAL GUIDE

Mr. PRAKASH .J

Assist Professor

DEPT. of Civil Engineering

SIET, Tumkur-572106.

EXTERNAL GUIDE

Mr. HARISH KUMAR

Assistant Executive Engineer

Public Works Department

Tumakuru-572101



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO

9001 2008 Certified Institution)

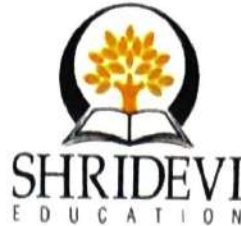
Sira Road, Tumkur – 572 106, Karnataka.

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur -572106,

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to be certified that the Internship report work entitled **CONSTRUCTION OF BITUMINOUS ROAD** out Carried out by **Mr. SHIVAKUMAR G (USN: 1SV19CV418)** 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.

Signature of the Guide

Mr. PRAKASH J

Asst. Professor

Dept of Civil Engineering
SIET ,Tumkur

Signature of the HOD

Dr. G. MAHESH KUMAR

Professor & Head

Dept of Civil Engineering
SIET ,Tumkur

Signature of the Principal

Dr. NARENDRA VISWANATH

Principal

SIET ,Tumkur

External Viva

Name of the examiners

1. Dr. C. Nagany
2. Radhika IN

Signature with date

C. Nagany 29/7/22
Radhika 29/7/22



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email: aecpwtmk@gmail.com

Ref No: 144

Date: 14/6/2022

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that **Mr. SHIVA KUMAR G. (USN: ISV19CV418)** Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4, Lingapura, Tumakuru. Has Successfully completed his internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 02/09/2021 to 01/10/2021 .

He has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & I.W.T.D Sub - Division,
Tumkur-572 101 -

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANASANGAMA, BELAGAVI-590018



2021-2022

**Internship Report at
"CONSTRUCTION OF LABORATORY BUILDING FOR TUMKUR
UNIVERSITY"**

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

**BACHELOR OF ENGINEERING
IN
CIVIL ENGINEERING**

Submitted by:

VEDA B G

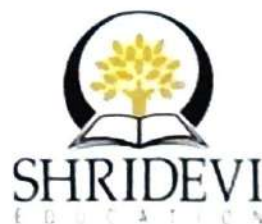
1SV19CV419

Under the guidance of:

Mrs. Radhika T.N. M.Tech

ASST. PROFESSOR

DEPT OF CIVIL ENGINEERING



DEPT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

SIRA ROAD, TUMKUR – 572106

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(A Constituent college of VTU, Belagavi)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the seminar report entitled CONSTRUCTION OF LABORATRY BUILDING FOR TUMKUR UNIVERSITY has been successfully carried out by **Kumari, VEDA B G (ISV19CV419)** student of **Shridevi Institution of Engineering and Technology, Tumakuru**, in partial fulfillment of project for the award of "**Bachelor of Engineering in Civil Engineering**" branch of "**Visveswaraya Technological University, Belagavi**" during the academic year 2021-2022. It is verified that all corrections/suggestions indicated for Internal Assessment have been incorporated in there port deposited in the department library. The report has been approved as it satisfies the academic requirements in respect of prescribed for the B.E Degree.

Radhika T.N.
Signature of the Guide

Mrs.RADHIKA T N
Asst. Professor
Dept of Civil Engineering
SIET ,Tumkur

C. Naganna
Signature of the HOD

Dr.G.MAHESH KUMAR
Professor & Head
Dept of Civil Engineering
SIET ,Tumkur

Narendra Viswanath
Signature of the Principal

Dr.NARENDRAVISWANATH
Principal
SIET ,Tumkur

External viva

Name of the examiners

1. *Dr. C. Naganna*
2. *Radhika T.N.*

Signature of the examiners

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



GOVERNMENT OF KARNATAKA

Office of the Assistant Executive Engineer
PWD Tumakuru Sub-Division
Tumakuru-572101.

Email:acepwdtmk@gmail.com

Ref No:

Date:

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Ms. VEDA B G (USN: 1SV19CV419) Undergoing B.E.8th Sem Civil Engineering from Shridevi Institute Of Engineering & Technology sira Road, NH-4,Lingapura,Tumakuru. Has Successfully completed her internship at public works Department Sub Division, Kunigal Road, Tumakuru. as per her curriculum requirement from 19th March to 19th April 2022.

She has been found sincere and hardworking to the best of our knowledge & Satisfaction during her tenure over here.


Assistant Executive Engineer
P.W. & J.W.T.D Sub - Division,
Tumkur-572 101

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018



An Internship Report

On

“ SMART CITY ROAD WORK ”

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

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted by:

Mr. VINAY C.K

(1SV19CV420)

Internship was carried out at

“HNS INFRA”, Sneha, Opposite BCM Hostel, Garden Road,

Tumkuru-572106

INTERNAL GUIDE

Mrs. Radhika T N M. Tech.

Assistant Professor,

Dept. of Civil Engineering,

EXTERNAL GUIDE

Mr. Shreekumar Menon

Senior Engineer

RMC plant at HNS INFRA, 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 "SMART CITY ROAD WORK" has been carried out by VINAY C.K bearing USN: 1SV19CV420 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

Mrs. Radhika T N

Assistant Professor

Dept. of Civil Engineering

Signature of External Guide

Mr. SHREEKUMAR MENON

Senior Engineer

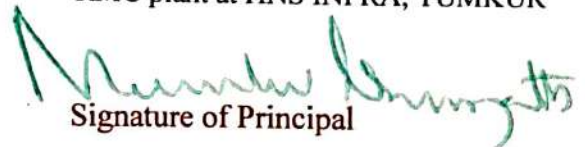
RMC plant at HNS INFRA, TUMKUR


Signature of HOD

Dr. G. MAHESH KUMAR.

Head and Professor

Dept. of Civil Engineering


Signature of Principal

Dr. NARENDRA VISWANATH.

Principal



SIET, Tumkuru

External Viva Voce:

Name of the Examiners

- 1) 
.....
- 2) 
.....

Signature with date

 29/7/22
 29/7/22

ABSTRACT

The main aim of the practice is to Improve practical skill learnt in class, upgrading be theoretical knowledge in addition to the class, improve their leadership skill, team-work internship program helps to perform both technical tasks and nontechnical tasks which help to improve skill in the design field and who helps to build own personality in the structural engineering field.

The objective of HNS Consultant is to provide Quality Engineering Services to, Road works, Institutional and Industrial. The company is committed to provide with the most professional, high quality, cost effective services and relevant scientific information required to address possible impact on the environment which may result from their activities. With the fast-growing technology in De world, company urge in advanced solutions, aiming to become the most admired firm our industries road works. The results will be delivered in time, fulfil quality specifications and retain within the budget for all our projects.

TO
THE CONCERNED
DEPARTMENT OF CIVIL ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
SIRA ROAD, TUMKUR.

Dear Sir/Madam

This is to inform that, VINAY C K bearing USN 1SV19CV420 of Shridevi Institute Of Engineering And Technology, Tumkur. Studying in 7th semester BE(CIVIL) is undergone the Internship Training Program at our project "ROAD WORK" from last 4 weeks i.e 1/09/2021 to 30/09/2021.

Date: 1/10/2021

For H N S INFRA.

Signature
PARTNER



+91 7019 42 3061
+91 9102 51 4260



@hnsinfra
hnsinfra@gmail.com



Sneha.Opposite BCM Hostel,
Garden Road, Tumkur - 572102

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EE185)

on

"SUBSTATION AND IT'S MAINTENANCE"

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

**Bachelor of Engineering
In
Electrical & Electronics**

Subject:

Amoghavarsha (18EE185)

Under the Guidance of:

INTERNAL GUIDE

**Prof. G H Ravikumar
Dept. of EEE
SIET, Tumkur**

EXTERNAL GUIDE

**Mr. Anand A D
Assistant Executive Engineer
K P T C L, Bangalore**



Anand A D

**PRINCIPAL
SIET, TUMAKURU.**

Department of Electrical & Electronics Engineering

**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur – 572106, Karnataka.**

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

{Affiliated to VTU - Belagavi}

Sira Road, NH-4, Maralenahalli, Tumkur, Karnataka - 572106



SHRIDEVI
EDUCATION

Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "SUBSTATION AND IT'S MAINTENANCE" carried out by Mr. Amoghavasha M bearing USN:15V18EE002 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the degree of Engineering in Electrical & Electronics Engineering of the Government Engineering College, Tumkur, Karnataka University, Tumkur for the year 2021-2022. All the corrections indicated for internal assessment have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

G. H. Ravikumar

Signature of Guide
Prof. G H Ravikumar
Asst. Professor
Dept. of EEE
SIET, Tumkur-06

G. H. Ravikumar

Signature of HOD
Prof. G H Ravikumar
HOD and Asst. Professor
Dept. of EEE
SIET, Tumkur-06

Narendra Viswanath

Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumkur-06

Name of the Examiners:

1. Tanuja K.S

2.

Narendra Viswanath
Signature with Date:

SIET, TUMKUR
Tanuja K.S
25/7/22

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಾ ನಿಗಮ ನಿಯಮಿತ

ಕಚೇರಿ: ಕವಿಪುರಂ ಮಾ ಸಂ.ಆ.ಕೆ.ಇಂ.ಎ/75/2801/20-21/1869-71

2721



ಮಾನ್ಯ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರ,
ಕವಿಪುರಂ ಸಿ. ಪೈಲ್ ಘಾಟ್,
ಹೂಬ್ಲಿ, ಬೆಂಗಳೂರು- 560 048.

E-mail:- aduan@kylckpnlk@gmail.com

ದಿನಾಂಕ: 04 JAN 2022

1

ಮಾನ್ಯರೇ,

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಾ ನಿಗಮ ನಿಯಮಿತ & ಕವಿಪುರಂ, ಹೂಬ್ಲಿ.

ಮಾನ್ಯರೇ,

ದಿನಾಂಕ: ಕವಿಪುರಂನಿಂದ ರೂಪರೇಷಿಸ್ ಆರಂಭಿಸಲು ಮಾರ್ಗದರ್ಶಿಯಾದ ಅ.ಗೈ.

- ಇಲ್ಲೇನು: 1) ಈ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಕವಿಪುರಂ/ಮಾ ಸಂ.ಆ.ಕೆ.ಇಂ.ಎ/75/2801/20-21/1869-71
ದಿನಾಂಕ: 22.09.2021
2) ಮಾರ್ಗದರ್ಶಿಯ ವಿಷಯದ ಸಮೂಹ '2' ದಿನಾಂಕ: 25.10.2021

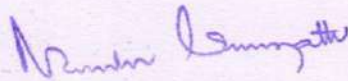
ಮೇಲಿನ ಉಲ್ಲೇಖಿತ ಪತ್ರವನ್ನೂ, ಕವಿಪುರಂ ವಿದ್ಯುತ್ ಪ್ರಸಾರಾ ನಿಗಮ ನಿಯಮಿತ & ಕವಿಪುರಂ, ಹೂಬ್ಲಿಯ ರೈಲ್ವೆ ನಿಲ್ದಾಣ (ಕೆ & ಉ) ಸಮೀಪದಲ್ಲಿ ವ್ಯಾಪಕ ಮುಷ್ಕಾತವೂ, ಆರೋಗ್ಯವರ್ಧನೆ ಮತ್ತು USN No: ISV18EE002 ರವರ ಹೆಚ್ಚಿನ ಆರೋಗ್ಯ, ಕುಟುಂಬ ಕಾರ್ಯನಿರ್ವಹಣೆ ರೂಪರೇಷಿಸ್(ಡಿ), ಈ ಆ ಆ.ಇಂ.ಎ.ಇ-1, ಕವಿಪುರಂ, ಸಿ. ಪೈಲ್ ಘಾಟ್ ಮೇಲ್ಕಂಡ, ಬಹು ಮಾರ್ಗದರ್ಶಿಯನ್ನು "Substation and its Maintenance" ಸುರಕ್ಷಿತ ರೂಪರೇಷಿಸ್ ಆರಂಭಿಸಲು ಮುಖ್ಯ ಆಯೋಜನೆಯನ್ನು ನಿರೀಕ್ಷಿಸುತ್ತೇನೆ.

ಇಲ್ಲೇನು (2) ರ ಪ್ರತಿರೋಧಕವನ್ನೂ, ಮಾರ್ಗದರ್ಶಿಯನ್ನು, ವಿದ್ಯುತ್ ಕೇಂದ್ರದ ದಿನಾಂಕ: 27.09.2021 ರಿಂದ 13.10.2021 ರವರೆಗೆ ರೂಪರೇಷಿಸ್ ಆರಂಭಿಸಲು ಸುರಕ್ಷಿತವಾಗಿ ಮಾರ್ಗದರ್ಶಿಯನ್ನು ಮಾಡುವ ಪ್ರಕ್ರಿಯೆಯನ್ನು ವಿದ್ಯುತ್ ಕೇಂದ್ರದ ಸುರಕ್ಷಿತವಾಗಿ ಮಾಡಲು ಸಹಾಯ ಮಾಡುವ ಪ್ರಕ್ರಿಯೆಯನ್ನು ಈಗ ಕಛೇರಿಗೆ ಮುಂದಿನ ಕ್ರಮಗಳಿಗೆ ಕಲ್ಪಿಸುತ್ತೇನೆ.

ಶುಭ ವಿಷಯ.

 4.1.22

ಮಾ.ಸಂ.ಆ.ಕೆ.ಇಂ.ಎ, ಕವಿಪುರಂ.



PRINCIPAL
SIET, TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAVI-590014



AN INTERNSHIP REPORT ON
"FACEMASK DETECTION"
BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by
BASAVARAJA C S (15V14EE003)

under the guidance of

Mrs. UMABAI ME. MISTE

Asst Professor Dept of EEE

SIET, TUMKURU



Department of Electrical and Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001-2008 certified Institution)

SIRA ROAD, TUMKUR-572106

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

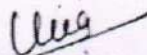
TUMKURU-57210

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



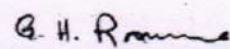
CERTIFICATE

This is to certify that the internship carried out in "TECHNOSOFT SYSTEM SOLUTIONS", Bangalore by BASAVARAJA C S [ISVI4EE003] a Bonafide student of Shridevi Institute of Engineering and Technology, TUMAKURU in partial fulfillment for the award of degree Bachelor of Engineering in Electrical & Electronics Engineering of the Visvesvaraya Technological University, BELAGAVI during the year 2021-2022. It is certified that all corrections/suggestions indicated in the internal assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship work prescribed for the said degree.


Mrs. UMABAI

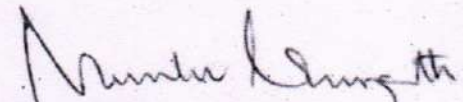
M. MISTE

Asst professor, Dept of EEE


Mr. G H RAVIKUMAR

M Tech, MISTE

H.O.D. Dept of EEE


Dr. NARENDRA VISHWANATH

PhD

Principal, SIET

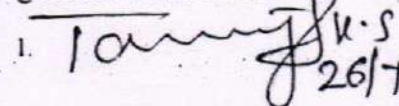
External viva-voice

Name of the examiner:

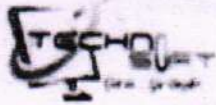
1. Tanuja K.S

2. Umabai

Signature with date

1.  26/7/22

2.  26/7/22



TECHNO-SOFT A Technology Training & IT Consulting Services

TS15CS2003

2021/12/11

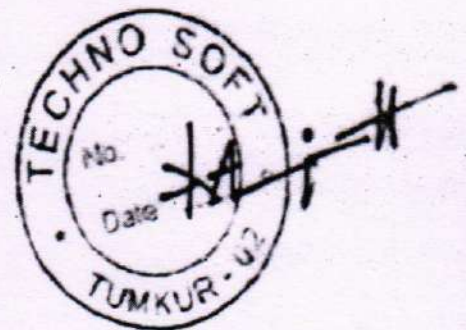
CERTIFICATION

This is to certify that Mr Basavaraj C S (ISV14EE003) a Student of Shridevi Institute of Engineering and Technology has successfully completed his internship program on "Machine Learning" at "TechnoSoft System Solutions". During the period (10/11/2021 to 11/12/2021) of his internship program with us he was found punctual, hardworking and inquisitive.

We wish him a success in life.



Co-ordinator



Managing Director

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018



Internship Report (18EE185)

On

"ENERGY METER"

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

Bachelor of Engineering

in

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by:

GAVISIDDAPPA (USN:1SV18EE003)

Under the Guidance of

Mrs. SHWETA. T. M. M.Tech.,MISTE

Asst. Prof., Dept. of EEE

SIET, Tumakuru



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated To Visvesvaraya Technological University)

Sira Road, Tumakuru-572106

Shweta T. M.
PRINCIPAL
SIET., TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru-572106



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate

Certified that the Internship work entitled "ENERGY METER" has been carried out By GAVISIDDAPPA (1SV18EE003), bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106. In partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi-590018, during the year 2021-2022. It is certified that all corrections indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The Internship Report has been approved as it satisfies the academic requirements in respect of work prescribed for the said degree.

Shweta T M

Signature of Guide

Mrs. Shweta.T.M

Asst. Prof., Dept. of EEE
SIET, Tumakuru-06

G. H. Ravikumar

Signature of HOD

Prof. G. H. Ravikumar

HOD, Dept. of EEE
SIET, Tumakuru-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath

Principal
SIET, Tumakuru-06

Name of the Examiners

1. *Tanuja K.S*
2. *UMABAI*

Signature with Date

Tanuja K.S 25/7/22
Uma 25/7/22

Narendra Viswanath

PRINCIPAL
SIET, TUMAKURU.

COMPANY CERTIFICATE

ಕೃಷಿ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ
ಸುಸ್ಥಿತಿ ನಿರ್ವಹಣಾ ವಿಭಾಗ
FACILITIES MANAGEMENT DIVISION

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ಹಿಂದುಸ್ತಾನ ಏರೋನೌಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್
HINDUSTAN AERONAUTICS LIMITED



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Registered Office: 1701, Cubbon Road, Bangalore - 560 001, India
Vijayarajendra Post Post Bag No. 1701, Bengaluru-560001, India

To Whom So Ever It May Concern

CERTIFICATE

This is to certify that Shri. Gavisiddappa (15V18EE003) student of Shridevi Institute of Engineering & Technology, Tumakuru has undertaken Internship Training in Electrical Engineering Department, Facilities Management Division, HAL, Bangalore from 29-10-2021 to 06-11-2021.

He has successfully completed Internship Training to our satisfaction and his character and conduct during Internship Training were found satisfactory to the best of our knowledge. We wish him a bright and successful future.

for Hindustan Aeronautics Ltd.
(Facilities Management Division, Bangalore)

3-6-2022
(Pradnya Saini)
Chief Manager (IIR)

Date: 03.06.2022
Place: Bangalore

आज़ादी का
अमृत महोत्सव

ಹಿಂದುಸ್ತಾನ ಏರೋನೌಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್ : 1701/1, ಕುಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು-560001, ಭಾರತ
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Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India
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PRINCIPAL
SIET., TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report
on
"ELETRICAL ROTORS"

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

Bachelor of Engineering

In

Electrical & Electronics

Submitted By

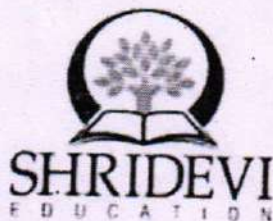
KEERTANA R (1SV17EE003)

Under the Guidance of:

Mrs UMABAI ,M.E.,MISTE

Asst. Professor Dept. of EEE

SIET, TUMKUR



Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur – 572106, Karnataka.

(Affiliated to VTU Belagavi. Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka 572106



SHRIDEVI
EDUCATION

Department of Electrical & Electronics Engineering

CERTIFICATE

This is to certify that the internship carried out in "RAJAMANE AND HEUDE SERVICES PVT. LTD carried out by **Ms. Keertana R(1SV17EE003)** a bonafide student of **Shridevi Institute of Engineering and Technology, Tumkur-572106**, has successfully carried out the internship project work in partial fulfillment for the award of **Bachelor of Engineering in Electrical And Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.



Signature of Guide

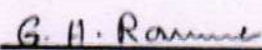
Mrs. Umabai

MEMISTE

Asst. Professor

Dept. of EEE

SIET, Tumkur



Signature of HOD

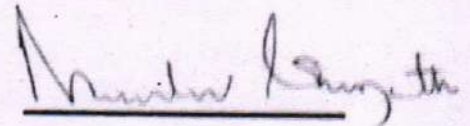
Prof. G H Ravikumar

M.Tech, MISTE

HOD and Asst. Professor

Dept. of EEE

SIET, Tumkur



Signature of Principal

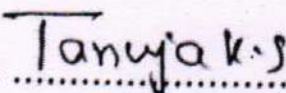
Dr. Narendra Viswanath

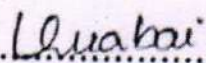
Phd

Principal

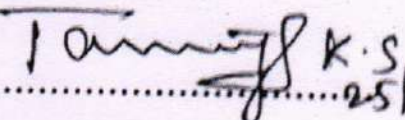
SIET, Tumkur

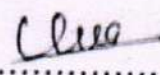
Name of the Examiners:

1. 
.....

2. 
.....

Signature with Date:

 K.S.
..... 25/7/22


..... 25/7/22

RAJAMANE & HEGDE SERVICES PVT. LTD.,

Major Works : No. 142A, Antharasanahalli, 2nd Phase, K.I.A.D.B. Industrial Area, TUMAKURU - 572 106. KARNATAKA STATE.

GSTIN : 29AACCR6373A1ZF, PAN -AACCR6373A,

Ph. : 0816 - 2211929 Mob. : 9686669650 e-mail : rhtumkur@gmail.com, CIN NO. : U31909KA1991PTC012400



SINCE 1975

Date: 12.05.2022

CERTIFICATE

Miss. Keertana R (15V17EE003) is a student of Sridevi Institute of Technology Studying in 7th Semester BE in Electrical and Electronics Engineering. She has successfully completed internship Training in our esteemed Organization for the period of one month.

She has worked with commitment, dedication and has shown a cheerful attitude although. Her conduct and performance are found satisfactory.

Thanking you

For Rajamane & Hegde Service Pvt. Ltd.

For RAJAMANE & HEGDE SERVICES (P) LTD.

Authorised Signatory

Usha T R

H R Executive

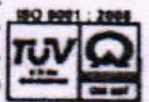
BANGALURU HEAD OFFICE : WHITEFIELD ROAD, MAHADEVAPURA POST, BANGALURU - 560 048. PH : 080 - 28524252, 28524409, FAX : 080 - 41163117 E-mail : rhtumkur@rajamane.com

HUBBALLI UNIT : C-181 & 182, INDUSTRIAL ESTATE, GOKUL ROAD, HUBBALLI - 30. PH : 0836 - 2334238, E-mail : rhtuball@dataone.in

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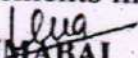
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

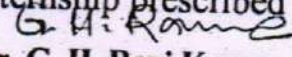


CERTIFICATE

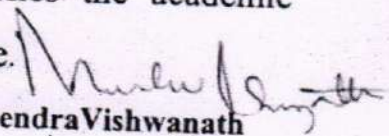
This is to certify that the internship carried out in "SANTHEMAVATHUR.66/11 KV SUBSTATION KUNIGAL, TUMKUR DISTRICT", Tumkur by MEENAKSHI.A[ISV16EE402] basified student of Shridevi Institute of Engineering and Technology in partial fulfilment for the award of degree Bachelor of Engineering in Electrical & Electronics of the Visvesvaraya Technological University, during the year 2021-2022. It is certified that any corrections/suggestions indicated in the Internal Assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship prescribed for the said degree.


Mrs. UMABAI

M.E MISTE
Asst Professor
Dept. of E&E


Mr. G. H. Ravi Kumar

H.O.D.
Dept. of E&EE


Dr. Narendra Vishwanath

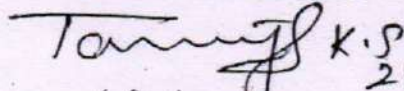
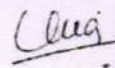
M.E, Ph.D.,
Principal, SIET

External Viva

Name of the Examiners:

1. Tanuja K.S
2. Umabai

Signature with date

 K.S
20/7/22

26/7/22

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



Office of the
Assistant Engineer (E/e)
66/11kV Sub-Station
KPTCL, Santhemavathuru

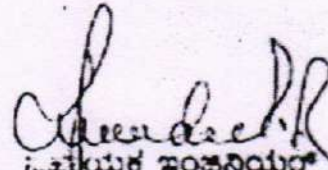
TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Ms. MEENAKSHI A bearing USN: 15V16EE402 studying B.E (E&E) from SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY has visited 66/11kV Santhemavathuru Sub-Station from 15/09/2021 to 15/10/2021.

During the visit to the above sub-station, equipment details, practical aspects of "operation & maintenance of sub-station" was briefed the sub-station Engineers.

DATE: 16/10/2021

PLACE: Santhemavathuru


ಇ.ಇ.ಯರ ಇಂಜಿನಿಯರ್ (ಎ)
66/11 ಕೆ.ವಿ. ವಿದ್ಯುತ್ ಉಪಕೇಂದ್ರ
ಸಂತಮಾವಠುರು

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAVI - 590014



**AN INTERNSHIP REPORT ON
"LIGHTNING ARRESTERS"
BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING**

Submitted by

MEGHANA G S (ISV18EE401)

Under the guidance of

Mrs. SHWETA T M M.Tech. MEST

Asst Professor

Dept. Of E&EE, SIET- TUMKUR



**Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

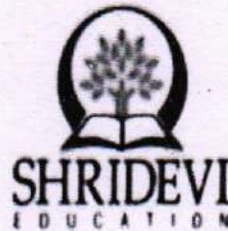
(An ISO 9001 - 2008 certified Institution)

SIRA ROAD, TUMKUR-572106

2021-22


SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-572106

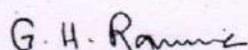
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

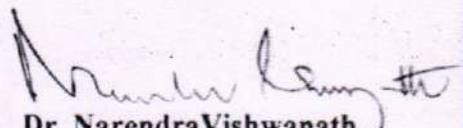


CERTIFICATE

This is to certify that the internship carried out in "SANTHEMAVATHUR 66/11 KV SUBSTATION KUNIGAL, TUMKUR DISTRICT", Tumkur by MEGHANA G S[ISV17EE401] basified student of Shridevi Institute of Engineering and Technology in partial fulfilment for the award of degree Bachelor of Engineering in Electrical & Electronics of the Visvesvaraya Technological University, during the year 2021-2022. It is certified that any corrections/suggestions indicated in the Internal Assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship prescribed for the said degree.


Mrs. Shwetha. T.M
Asst Professor
Dept. of E&EE


Mr. G. H. Ravi Kumar
H.O.D.
Dept. of E&EE

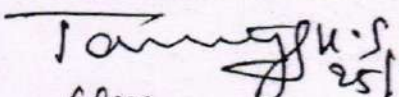
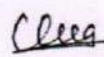

Dr. Narendra Vishwanath
M.E. Ph.D.
Principal, SIET

External Viva

Name of the Examiners:

1. Tanuja K.S
2. Chubai

Signature with date


25/7/22

25/7/22

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



Office of the
Assistant Engineer (Ele)
66/11kV Sub-Station
KPTCL, Santhemavathuru

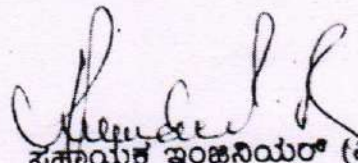
TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Ms. MEGHANA G S bearing USN: 15V18EE401 studying B.E (E&E) from SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY has visited 66/11Kv Santhemavathuru Sub-Station from 15/09/2021 to 15/10/2021.

During the visit to the above sub-station, equipment details, practical aspects of "operation & maintenance of sub-station" was briefed the sub-station Engineers.

DATE: 16/10/2021

PLACE: Santhemavathuru


ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ (ಎ)
66/11 ಕೆ.ವಿ. ವಿದ್ಯುತ್ ಉಪಕೇಂದ್ರ
ಸಂತೆಮಾವಾಥುರು

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EE185)
On
"ENERGY METER"

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

Bachelor of Engineering
In
Electrical & Electronics Engineering

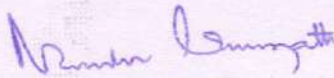
Submitted By

MEGHANA T C (ISV19EE400)

Under the Guidance of:

Mr. G H Ravikumar
Dept. of EEE
SIET, Tumakuru




PRINCIPAL
SIET., TUMAKURU.

Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur -- 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka – 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "ENERGY METER" carried out by Ms. MEGHANA T C bearing USN:1SV19E... a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru - 106, has successfully carried out the internship work in partial fulfillment for the award of Bachelor of Engineering in Electrical & Electronics Engineering of the Visveswaraiah Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship report has been approved as it satisfies the academic requirements in respect of Internship work.

G. H. Ravne

Signature of Guide

Prof. G H Ravikumar

Asst. Professor

Dept. of EEE

SIET, Tumakuru-06

G. H. Ravne

Signature of HOD

Prof. G H Ravikumar

HOD and Asst. Professor

Dept. of EEE

SIET, Tumakuru-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath

Principal

SIET, Tumakuru-06

Name of the Examiners:

1. Tanuja K.S

2. Chauhan

Signature with Date:

Tanuja K.S 25/7/22

Chauhan 25/7/22

Narendra Viswanath

PRINCIPAL
SIET, TUMAKURU.

COMPANY CERTIFICATE

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned government of Karnataka undertaking)

Phone NO: 0816-2278599
Fax: 0816-2278582
E mail: setmkrcircle.work@gmail.com

Office of the,
Superintending Engineer (Ele),
C,O&M, Circle, Tumkur.

Ltr NO: SE (Ele)/EE (O)/AEE T-2/2021-22 **368-70**

Date :

19 APP 2022

TO

The Principal /Head of Department
Shridevi Institute of Engineering & Technology,
Sira Road , Tumkur Dist

Sir,

Sub: For providing Internship Training to Electrical & Electronics Engineering students of your Institution, as per request of Professor & Head of Department Of E & EE SIET Tumkur.

Ref: Letters No: 01/15.09.2021 Head of the department SIET Tumkur Dist


As per the request of the Professor & Head Department Of E E of SIET Tumkur. cited under reference that the following Electrical & Electronics Engineering Branch students have undergone training in BESCO, Tumkur from 13.9.2021 to 09.10.2021 at the following places.

- 1) For studying Major repairs in respect of distribution transformer repairing & reconditioning (25KVA, 63KVA, 100KVA, 250KVA & 500KVA)
- 2) For studying Power transformer, Switchgear, CT's & PT's at 66/11KV Master Unit Sub-Station, Tumkur.
- 3) For studying about Energy Meters in LT Rating Subdivision coming under the jurisdiction of Tumkur circle.

Further, during the above period the listed students have shown exemplary attitude & successfully completed the training period.


Sl No	Students Name	Branch
1	Supriya A	E&E
2	Meghana TC	E&E

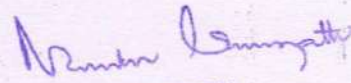
Yours faithfully


Superintending Engineer (Ele)
C, O & M Circle, BESCO, Tumkur.

Copy for information and needful action:

1. The Executive Engineer (Ele), O&M Division, BESCO, Tumkur.
2. The Asst. Executive Engineer (Ele), (O) O&M Division Tumkur
3. The Asst. Executive Engineer (Ele), LT Rating Sub-division Tumkur.
4. The Assistant Engineer (Ele), Transformer Testing, Circle Office BESCO


Handwritten signature and date: 29/4/22


PRINCIPAL
SIET, TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)
on
"STUDY OF PROTECTION SYSTEM OF 220 KV SUB-STATION"

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

Bachelor of Engineering
In
Electrical & Electronics

Submitted by

MOHAMMED FAKRUDDIN (18V18EE004)

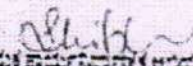
Under the Guidance of:

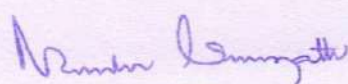
INTERNAL GUIDE
Mrs. TANUJA K S
Dept. of EEE
SIET, Tumkur

EXTERNAL GUIDE
Mrs. Shilpa B R
Assistant Executive Engineer
220kV Receiving Station, KPTCL
Hiriyur



Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur – 572106, Karnataka.
(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)
2021-2022


220 kV Receiving Station,
Hiriyur, KPTCL


PRINCIPAL
SIET, TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka – 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF PROTECTION SYSTEM OF 220 kV SUB-STATION" carried out by Mr. MOHAMMED FAKRUDDIN bearing USN:1SV18EE004 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

23/7/22

Signature of Guide

Mrs. Tanuja K S M.E. (Ph.D), MISTE
Asst. Professor, Dept. of EEE
SIET, Tumkur-06

G. H. Ravi Kumar

Signature of HOD

Mr. G H Ravi Kumar M.E. (Ph.D), MISTE
HOD, Dept. of EEE
SIET, Tumkur-06

Signature of Principal

Dr. Narendra Viswanath Ph.D
Principal
SIET, Tumkur-06

EXTERNAL VIVA

Name of the Examiners:

1.
2.

Signature with Date:

..... 25/7/22
..... 25/7/22

PRINCIPAL
SIET, TUMAKURU.

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

ಸಂಖ್ಯೆ: ಕವಿಪ್ರನಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/ದ75/23937/21-22

2583



ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರ
ಕವಿಪ್ರನಿ.ನಿ. ಡೈಟ್ ಫೀಲ್ಡ್,
ಹೂಡಿ, ಬೆಂಗಳೂರು- 560 048.

E-mail:- adminhrdckptck@gmail.com

ದಿನಾಂಕ: 22 DEC 2021

ಗೆ,

ಪುಸ್ತಕಾಧಿಕಾರಿ,

ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನಾಲಜಿ,
ಕುಮಕೂರು.

ಮಾನ್ಯರೇ,

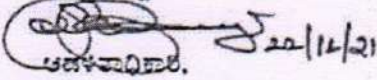
ವಿಷಯ: ಕವಿಪ್ರನಿಯಲ್ಲಿ ಇಂಟರ್ನಲ್ ಶರಣೀತಿಯು ಪೂರ್ಣಗೊಂಡಿರುವ ಬಗ್ಗೆ.

- ಉಲ್ಲೇಖ: 1) ಈ ಕಛೇರಿ ಪತ್ರದ ಸಂಖ್ಯೆ: ಕವಿಪ್ರನಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/ದ75/2801/20-21/1880-82
ದಿನಾಂಕ: 23.09.2021
2) ಮಾರ್ಗದರ್ಶಕರ ನೀಡಿರುವ ನಮೂನೆ 'ಎ' ದಿನಾಂಕ 15.12.2021

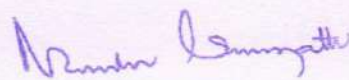
ಮೇಲಿನ ಉಲ್ಲೇಖಿತ ಪತ್ರದನ್ವಯ, ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನಾಲಜಿ,
ಕುಮಕೂರು, ಇಲ್ಲಿ ಬಿ.ಇ (ಇ & ಐ) ಪದವಿಯಲ್ಲಿ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿರುವ, ಮೊಹಮ್ಮದ್ ಫಕೀರ್
USN No: ISVIBEE004 ರವರಿಗೆ ಶ್ರೀಮತಿ ಶಿಲ್ಪಾ ಬಿ ಆರ್, ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್(ವಿ), 220 ಕೆವಿ
ವಿದ್ಯುತ್ ಕೇಂದ್ರ, ಕವಿಪ್ರನಿ, ಒರಿಯೂರು, ರವರ ಮಾರ್ಗದರ್ಶಕದಲ್ಲಿ "Study and Protection System of
220KV Substation" ಕುರಿತಂತೆ ಇಂಟರ್ನಲ್ ಶರಣೀತಿ ಮಾದಲು ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿತ್ತು.

ಉಲ್ಲೇಖ (2) ರ ಧೃಢೀಕರಣದನ್ವಯ, ಮಾರ್ಗದರ್ಶಕರವರು, ವಿದ್ಯಾರ್ಥಿಯು ದಿನಾಂಕ: 24.09.2021 ರಿಂದ
25.10.2021 ರವರೆಗೆ ಇಂಟರ್ನಲ್ ಶರಣೀತಿಯನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿರುವುದಾಗಿ ದೃಢೀಕರಿಸುತ್ತಾರೆ.
ವಿದ್ಯಾರ್ಥಿಯು ಮುದ್ದಾಗಿ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಕಛೇರಿಗೆ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸುತ್ತಾರೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ಆಪ್ತಕವಾಡಿಪಾಠಿ,

ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ, ಕವಿಪ್ರನಿ



PRINCIPAL
SIET., TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", MACHHE, BELAGAVI-590018



Internship Report (18EEI85)

On

"SUPERVISORY CONTROL AND DATA ACQUISITION"

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

Bachelor of Engineering

in

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by:

MOHAMMED LUQMAAN (USN:1SV18EE005)

Under the Guidance of

Mrs. TANUJA K.S, M.E, (Ph.d),MISTE

Asst. Prof., Dept. of EEE

SIET, Tumakuru



SHRIDEVI
EDUCATION

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated To Visvesvaraya Technological University)

Sira Road, Tumakuru-572106

Tanuja K.S
PRINCIPAL
SIET, TUMAKURU

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru-572106



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate

Certified that the Internship work entitled "SUPERVISORY CONTROL AND DATA ACQUISITION" been carried out By MOHAMMED LUQMAAN (ISV18EE005), bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106. In partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi-590018, 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 project work prescribed for the said degree.

Tanuja K.S
22/7/22

Signature of the Guide

TANUJA K.S M.E (P.G), M.Tech
Asst. Prof., Dept. of EEE
SIET, Tumakuru-06

G. H. Ravikumar

Signature of the HOD

Mr. G. H. Ravikumar M.Tech
HOD, Dept. of EEE,
SIET, Tumakuru-06

Narendra Viswanath

Signature of the Principal

Dr. Narendra Viswanath (P.G.)
Principal
SIET, Tumakuru-06

Name of the Examiners

Tanuja K.S
UMABAI

Narendra Viswanath
Principal

Signature with Date

Tanuja K.S
25/7/22
Umai 25/7/22

CAMPANY CERTIFICATE

www.halindia.com
Hindustan Aeronautics Limited
Facilities Management Division
Bangalore



Hindustan Aeronautics Limited
Facilities Management Division
Bangalore

To Whom So Ever it May Concern

CERTIFICATE

This is to certify that **Sri. Mohammed Usman (15V18EE005)** student of **Shri Devi Institute of Engineering & Technology, Tumakuru** has undertaken **Internship Training** in **Electrical Engineering Department, Facilities Management Division, HAL, Bangalore** from **20-10-2021 to 18-11-2021**.

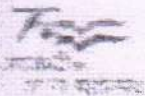
He has successfully completed Internship Training to our satisfaction and his character and conduct during Internship Training were found satisfactory to the best of our knowledge. We wish him a bright and successful future.

for Hindustan Aeronautics Ltd.
(Facilities Management Division, Bangalore)

(Pradya Saini)
Chief Manager (HR)

Date: 18/11/2021
Place: Bangalore

PRINCIPAL
SIEE, TUMAKURU.



Shri Devi Institute of Engineering & Technology
Tumakuru
Registered Office: 12/7, Canton Road, Bangalore - 560 001, India
www.shridevi.edu.in

www.halindia.com

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA" BELAGAVI-590018



Internship Report (18EEI85)

On

"BASIC TYPES OF METER AND METERING"

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

Bachelor of Engineering

in

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by:

Mr. NETHRANANDA K N

(ISV18EE006)

Under the Guidance of:

Mrs. SHWETHA.T.M. M.Tech, MISTE

Asst. Prof., Dept. of EEE

SIET, Tumakuru



Nethra Anantha
PRINCIPAL
SIET, TUMAKURU.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru-572106

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru-572106



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate

Certified that the Internship work entitled "BASIC TYPES OF METER AND METERING" has been carried out By Mr. NETHRANANDA K N (ISV18EE006), bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106. In partial fulfilment for the award of Bachelor of Engineering in Electrical & Electronics Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi-590018, 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 project work prescribed for the said degree.

Signature of Guide
Mrs. SWETHA L.M.
Asst. Prof., Dept. of EEE
SIET, Tumakuru-06

Signature of HOD
Prof. G.H. RAVIKUMAR
HOD, Dept. of EEE
SIET, Tumakuru-06

Signature of Principal
Dr. Narendra Viswanath Ph.D.
Principal
SIET, Tumakuru-06

Name of the Examiners

1. Tanuja K.S.
2. UMAIBAI.

Signature with Date

25/7/22

PRINCIPAL
SIET, TUMAKURU.

25/7/22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)

on

"STUDY OF PROTECTION SYSTEM OF 220 KV SUB-STATION"

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

Bachelor of Engineering
In
Electrical & Electronics

Submitted By

NETHRAVATHI S M (1SV17EE006)

Under the Guidance of:

INTERNAL GUIDE

Mrs. TANUJA K S

Dept. of EEE
SIET, Tumkur

EXTERNAL GUIDE

Mrs. Shilpa B R

Assistant Executive Engineer
220KV Receiving Station, KPTCL
Hiriyur



Nethravathi S M

PRINCIPAL
SIET, TUMAKURU.

Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur - 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

Nethravathi S M
220 KV Receiving Station
Hiriyur

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralnahalli, Tumkur, Karnataka - 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF PROTECTION SYSTEM OF 110 KV SUB-STATION" carried out by Ms. NETHIRAVATHI S M bearing USN:18SV17EE006 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

Tanuja K.S
23/7/22

Signature of Guide

Ms. Tanuja K S M.E (P&D), MISTE
Asst. Professor, Dept. of EEE
SIET, Tumkur-06

G. H Ravi Kumar

Signature of HOD

Mr. G H Ravi Kumar M.E (P&D), MISTE
HOD, Dept. of EEE
SIET, Tumkur-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath Ph.D
Principal
SIET, Tumkur-06

EXTERNAL VIVA

Name of the Examiners:

1. Tanuja K.S

2. Ushak

Narendra Viswanath

PRINCIPAL
Signature with Date: 23/7/22

Tanuja K.S
23/7/22

Ushak
23/7/22

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಾ ನಿಗಮ ನಿಯಮಿತ

ಸಂಖ್ಯೆ: ಕವಿಪ್ರನಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/ಬಿ75/23937/21-22

2583



ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರ
ಕವಿಪ್ರನಿ, ಡೈಟ್ ಓಲ್ಡ್,
ಪೂಡಿ, ಬೆಂಗಳೂರು- 560 048.

E-mail:- admnhrdckptel@gmail.com

ದಿನಾಂಕ: 22 DEC 2021

ಗೆ,

ಮುಖ್ಯಸ್ಥರು,

ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನೋಲಜಿ,
ತುಮಕೂರು.

ಮಾನ್ಯರೇ,

ವಿಷಯ: ಕವಿಪ್ರನಿಯಲ್ಲಿ ಇಂಟರ್ನ್‌ಶಿಪ್ ತರಬೇತಿಯು ಪೂರ್ಣಗೊಂಡಿರುವ ಬಗ್ಗೆ.

- ಉಲ್ಲೇಖ: 1) ಈ ಕಛೇರಿ ಪತ್ರದ ಸಂಖ್ಯೆ: ಕವಿಪ್ರನಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/ಬಿ75/2801/20-21/1880-82
ದಿನಾಂಕ: 23.09.2021
2) ಮಾರ್ಗದರ್ಶಕರ ನೀಡಿರುವ ನಮೂನೆ 'ಎ' ದಿನಾಂಕ 15.12.2021

ಮೇಲಿನ ಉಲ್ಲೇಖದ ಪತ್ರದನ್ವಯ, ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನೋಲಜಿ,
ತುಮಕೂರು ಇಲ್ಲಿ ಬಿ.ಇ (ಇ & ಇ) ಪದವಿಯಲ್ಲಿ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿರುವ, ನೇತ್ರಾವತಿ ಎಸ್ ಎಂ
USN No: ISV17EE006 ರವರಿಗೆ ಶ್ರೀಮತಿ ಶಿಲ್ಪ ಬಿ ಆರ್, ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್(ವಿ), 220 ಕೆವಿ
ವಿದ್ಯುತ್ ಕೇಂದ್ರ, ಕವಿಪ್ರನಿ, ಹಿರಿಯೂರು. ರವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ "Study and Protection System of
220KV Substation" ಕುರಿತಂತೆ ಇಂಟರ್ನ್‌ಶಿಪ್ ತರಬೇತಿ ಮಾಡಲು ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿತ್ತು.

ಉಲ್ಲೇಖ (2) ರ ದೃಢೀಕರಣದನ್ವಯ, ಮಾರ್ಗದರ್ಶಕರವರು, ವಿದ್ಯಾರ್ಥಿಯು ದಿನಾಂಕ: 24.09.2021 ರಿಂದ
25.10.2021 ರವರೆಗೆ ಇಂಟರ್ನ್‌ಶಿಪ್ ತರಬೇತಿಯನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿರುವುದಾಗಿ ದೃಢೀಕರಿಸುತ್ತಾರೆ.
ವಿದ್ಯಾರ್ಥಿಯು ಮುದ್ದಾಗಿ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಕಛೇರಿಗೆ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸುತ್ತಾರೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ, ಕವಿಪ್ರನಿ

PRINCIPAL
SIET., TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAVI - 590014



INTERNSHIP REPORT ON
“ELECTRONIC ENERGY METER”
BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

PRAVEEN KUMAR N (1SV17EE007)

Under the guidance of

Mrs. SHWETA.T.M M. Tech. MISTE

Asst Profesor

Dept. Of E&EE, SIET- TUMKUR



Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001 – 2008 certified Institution)

SIRA ROAD, TUMKUR-572106

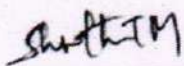
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-572106

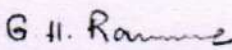
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

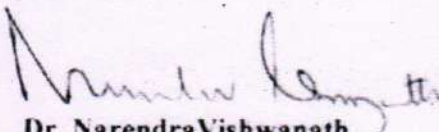


CERTIFICATE

This is to certify that the internship carried out in "SANTHEMAVATHUR 66/11 KV SUBSTATION KUNIGAL, TUMKUR DISTRICT", Tumkur by PRAVEEN KUMAR N [ISVI7EE007] basified student of Shridevi Institute of Engineering and Technology in partial fulfilment for the award of degree Bachelor of Engineering in Electrical & Electronics of the Visvesvaraya Technological University, during the year 2021-2022. It is certified that any corrections/suggestions indicated in the Internal Assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship prescribed for the said degree.


Mrs. Shwetha. T.M
Asst Professor
Dept. of E&EE


Mr. G. H. Ravi Kumar
H.O.D.
Dept. of E&EE

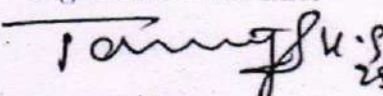
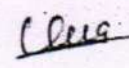

Dr. Narendra Vishwanath
M.E. Ph.D.,
Principal, SIET

External Viva

Name of the Examiners:

1. Tanuja K.S
2. Quabai

Signature with date

 25/7/22
 25/7/22

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



Office of the
Assistant Engineer (Ele)
66/11kV Sub-Station
KPTCL, Santhemavathuru

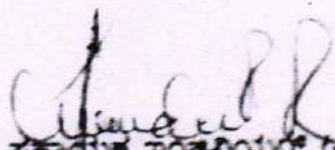
TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. PRAVEEN KUMAR N bearing USN: 15V17EE007 studying B.E (E&E) from SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY has visited 66/11kV Santhemavathuru Sub-Station from 15/09/2021 to 15/10/2021.

During the visit to the above sub-station, equipment details, practical aspects of "operation & maintenance of sub-station" was briefed the sub-station Engineers.

DATE: 16/10/2021

PLACE: Santhemavathuru


ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ (ಎಲೆ)
66/11 ಕಿ.ವಿ. ವಿದ್ಯುತ್ ಉಪಕೇಂದ್ರ
ಸಂತೆಮಾವಾತುರು

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-560014, Karnataka



INTERNSHIP REPORT
ON

"MANUFACTURING AND TESTING OF CURRENT AND
POTENTIAL TRANSFORMERS"

Submitted In Partial Fulfilment For The Requirement Of The Award Of Degree

BACHELOR OF ENGINEERING

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted By

PREETHAM M ISV18EE007

Under the guidance of

Mrs. TANUJA K.S. M.E.,(Ph.D), MISTE
Asst. prof. Dept. of EEE, SIET
Tumkur-572106.



Nandini Srinivas
PRINCIPAL
SIET., TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE New
Delhi, an ISO 9001:2008 Certified Institution) Sira Road,
Tumkur - 572 106, Karnataka

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

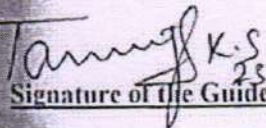
TUMKURU-572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

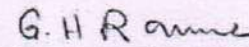


Certificate

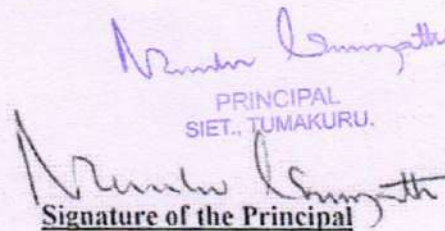
This is to certify that the internship entitled "MANUFACTURING AND TESTING OF CURRENT AND POTENTIAL TRANSFORMERS" has been successfully carried out, PREETHAM M (ISV18EE007) the bonafide students of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY TUMKUR-572106, in partial fulfilment for the award of degree of Bachelor Of Engineering In Electrical And Electronics Engineering Of The Visveswaraya Technology University Jnana Sangama, Belagavi-560014 during the year 2021-2022. All the corrections/suggestions indicated for the internal assessments have been incorporated in report. The Project report has been approved as it satisfies the academic requirements in respect to the internship work prescribed for the said degree.


Signature of the Guide
25/7/22

Mrs. Tanuja K S M.E.(Ph.D),MISTE
Asst.Prof.,Dept.of E&EE
SIET, Tumakuru


Signature of the H O D

Mr. G. H. Ravikumar .Mtech
H.O.D Dept. of E&EE
SIET, Tumakuru


Signature of the Principal

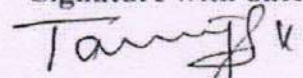
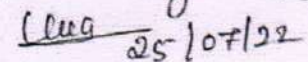
Dr. Narendra Viswanath Ph.D
Principal
SIET, Tumakuru

External Viva

Name of the Examiners:

1. Tanuja K.S
2. Uuabai

Signature with date


25/7/22

25/07/22

CHAPTER 1

1.1 COMPANY PROFILE

SUMAN CONTROLS PVT. LTD.

16-A, Peenya Industrial Area,

Phase-1, Peenya,

Bangalore - 560 058

TEL NO.: +91- 80 - 39220341/ to 60, FAX: +91 - 80 - 39220365

E-MAIL: southern@vsnl.com / admin@seonics.co.in

WEB SITE: www.seonics.co.in

GENERAL INFORMATION ABOUT COMPANY:

SUCON is committed to provide a efficient and effective Customer services through well-established Network.

The strategically located customer services centers across the country offer round the clock after sales services.

NAME : SUMAN CONTROLS PVT. LTD.

TYPE : Private sector

INDUSTRY : Electrical, Electronics Equipment Manufacturing Industry

ESTABLISHED : 1991

LOGO OF THE COMPANY:



SUCON

An ISO 9001:2015 Certified Company

SUMAN CONTROLS PVT. LTD.

Nanda Sanyal
PRINCIPAL
SIET, TUMAKURU.

Internship Report

KEY PEOPLE : Mr. M.R Bhaskar, Director
Mr. S. Srinivasan, Director

Marketing & Services

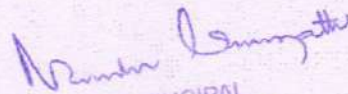
Mr.S.Santhakumar, General Manager
Mr. A.R.Natarajan, Sr. Manager (Marketing)
Mr. C.Srihari, Sr.Customer Support Manager
Mr.S.N.AnanthaMurthy, Sr.Customer Manager

Service Engineers at Field Locations

Mr. Purushotham B.N. Sr. Manager – Marketing
Mr. Dhanraj Joshi General Manager – Operations
Mr.B.S.Manjunath, Chief Engineer (R & D, QC)
Mr. S.R. Guru rajaVital, Sr. Manager(Marketing)

Regional Representatives

Sri.K.L.Arora, Delhi


PRINCIPAL
SIET, TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)
On

"STUDY OF SF6 CIRCUIT BREAKERS"

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

Bachelor of Engineering

Electrical and Electronics

Submitted by

RAKESH S (ISV18EE008)

Under the Guidance of:

Mrs. SHWETHA. T. M. M tech, MISTE
Asst. Prof., Dept. of EEE
SIET, Tumkur



Principal
PRINCIPAL
SIET, TUMAKURU.

Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur - 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)
2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
[Affiliated to VTU, Belagavi]

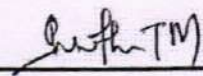
Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106

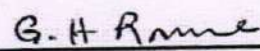


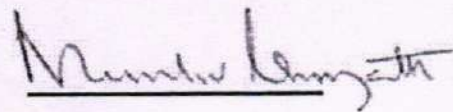
Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF SF6 CIRCUIT BREAKERS" carried out by Mr. RAKESH S bearing USN:1SV18EE008 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagaviduring the year 2021-22. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.


Signature of Guide
Mrs. Shwetha T M
Asst. Professor
Dept. of EEE
SIET, Tumkur-06

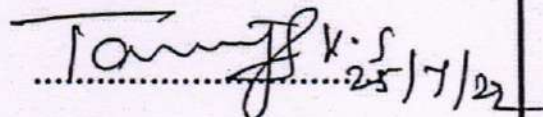
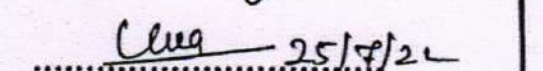

Signature of HOD
Prof. G H Ravikumar
HOD and Asst. Professor
Dept. of EEE
SIET, Tumkur-06


Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumkur-06

Name of the Examiners:

1. Tanuja K.S
2. Luabai


Signature with Date:
PRINCIPAL
SIET, TUMAKURU.


25/7/22

25/7/22

COMPANY CERTIFICATE

विद्युत प्रबंधन विभाग
सुविधा प्रबंधन प्रभाग
FACILITIES MANAGEMENT DIVISION

हिन्दुस्तान एरोनॉटिक्स लिमिटेड
HINDUSTAN AERONAUTICS LIMITED



Company and mail bag No. 1703 Bangalore Airport
विद्युत प्रभाग, हिन्दुस्तान एरोनॉटिक्स लिमिटेड
विमानपत्तिका फ्री बैग नं. 1703 बंगलुरु अंतर्राष्ट्रीय विमानतट

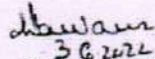
To Whom So Ever it May Concern

CERTIFICATE

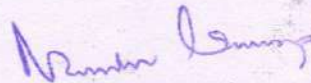
This is to certify that Shri. Rakesh S (15V18EE008) student of Shridevi Institute of Engineering & Technology, Tumakuru has undertaken Internship Training in Electrical Engineering Department, Facilities Management Division, HAL, Bangalore from 20-10-2021 to 16-11-2021.

He has successfully completed Internship Training to our satisfaction and his character and conduct during Internship Training were found satisfactory to the best of our knowledge. We wish him a bright and successful future.

for Hindustan Aeronautics Ltd.
(Facilities Management Division, Bangalore)


30.06.2022
(Pradnya Saini)
Chief Manager (HR)

Date: 03.06.2022
Place: Bangalore


PRINCIPAL
SIET., TUMAKURU.



संस्थापक कार्यालय : 15/1, कबुबन रोड, बंगलुरु - 560 001, भारत
पंजीकृत कार्यालय : 15/1, कबुबन रोड, बंगलुरु - 560 001, भारत
Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (ISEE185)

on

"STUDY AND PROTECTION SYSTEM OF 220KV SUBSTATION"

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

Bachelor of Engineering In
Electrical & Electronics

Submitted By

RAVIBABU M (15V19EE401)

Under the Guidance of:

INTERNAL GUIDE

Mr. G.H. Ravikumar M.tech. MISTE

Asst Professor

Dept. of EEE

SIET, Tumakuru

EXTERNAL GUIDE

Mrs. Shilpa. B.R

Assistant Executive Engineer

K.P.T.C.L., Hiriyur

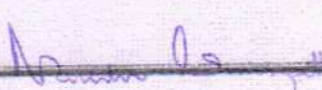


Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY Sira
Road, Tumakuru - 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022


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[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106



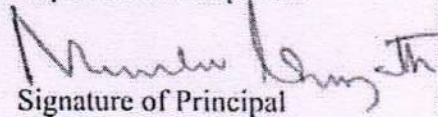
Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY AND PROTECTION SYSTEM OF 11KV SUBSTATION" carried out by Mr. RAVIBABU M bearing USN:1SV19EE401 a bona fide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

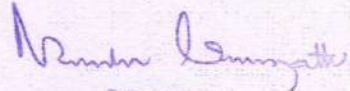
G. H. Ravikumar
Signature of Guide
Prof. G H Ravikumar
Asst. Professor
Dept. of EEE
SIET, Tumakuru-06

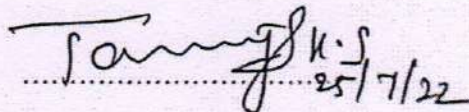
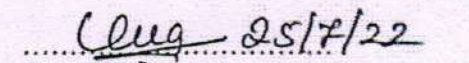
G. H. Ravikumar
Signature of HOD
Prof. G H Ravikumar
HOD and Asst. Professor
Dept. of EEE
SIET, Tumakuru-06


Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumakuru-06

Name of the Examiners:

1. Tanuja K.S
2. Chhabai


Signature with Date: PRINCIPAL
SIET, TUMAKURU.


25/7/22

25/7/22

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಪ್ರಸಾರಣ ನಿಗಮ ನಿಯಮಿತ

ಸಂಖ್ಯೆ: ಕವಿಪ್ರಸಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/೮೫/೨೮೦೧/೨೦-೨೧/೧೮೮೦-೮೨

2583



ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರ,
ಕ.ವಿ.ಪ್ರಸಿ.ನಿ. ವ್ಯಕ್ತ್ ಭೀಲ್,
ಪೂಡಿ, ಬೆಂಗಳೂರು- 560 048.

E-mail:- admnhrdckptcl@gmail.com

ದಿನಾಂಕ: 22 DEC 2021

ಗೆ,

ಮುಖ್ಯಸ್ಥರು,

ಟ್ರೇಡಿಂಗ್ ಮತ್ತು ಟ್ರಾನ್ಸ್ಮಿಷನ್ ಅಫ್ ರಿಜಿಯೋರಿಂಗ್ & ಟೆಕ್ನಿಕ್ಯಲ್,
ಬಹುಕೋಶ.

ಮಾನ್ಯರೇ,

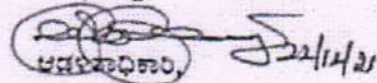
ವಿಷಯ: ಕವಿಪ್ರಸಿ.ನಿ.ನಲ್ಲಿ ರಿಯಾರ್ಜಿಂಗ್ ತರಬೇತಿಯು ಪೂರ್ಣಗೊಂಡಿರುವ ಬಗ್ಗೆ.

- ಉಲ್ಲೇಖ: 1) ಈ ಕಛೇರಿ ದತ್ತ ಸಂಖ್ಯೆ: ಕವಿಪ್ರಸಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/೮೫/೨೮೦೧/೨೦-೨೧/೧೮೮೦-೮೨
ದಿನಾಂಕ: 23.09.2021
- 2) ಮಾರ್ಗದರ್ಶಕರೊಡನೆ ನೀಡಿರುವ ಕಮಿಷನ್ 'ಬಿ' ದಿನಾಂಕ 15.12.2021

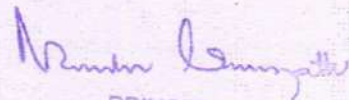
ಮೇಲಿನ ಉಲ್ಲೇಖಿತ ದತ್ತಾಂಶವನ್ನು, ಟ್ರೇಡಿಂಗ್ ಮತ್ತು ಟ್ರಾನ್ಸ್ಮಿಷನ್ ಅಫ್ ರಿಜಿಯೋರಿಂಗ್ & ಟೆಕ್ನಿಕ್ಯಲ್,
ಬಹುಕೋಶ. ನಲ್ಲಿ ಐ.ಎ (ಇ & ಟಿ) ಪದವಿಯಲ್ಲಿ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿರುವ, ಉದಿ ಬಾಬು ಎಂ
USN No: 15V19EE401 ರವರಿಗೆ ಟ್ರೇಡಿಂಗ್ ಮತ್ತು ಟಿ ಆಲ್, ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ರಿಜಿಯೋರಿಂಗ್(ಡಿ), 220 ಕೆವಿ
ವಿದ್ಯುತ್ ಕೇಂದ್ರ, ಕವಿಪ್ರಸಿ, ಒರಿಯೂರು. ಉಪ ಮಾರ್ಗದರ್ಶಕರಾದಲ್ಲಿ "Study and Protection System of
220KV Substation" ಕುರಿತು ಕವಿಪ್ರಸಿ.ನಿ.ನಲ್ಲಿ ತರಬೇತಿ ಪಡೆದವರು ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿತ್ತು.

ಉಲ್ಲೇಖ (2) ರ ದೃಢೀಕರಣದತ್ತವನ್ನು, ಮಾರ್ಗದರ್ಶಕರವರು, ವಿದ್ಯಾರ್ಥಿಯು ದಿನಾಂಕ: 24.09.2021 ರಿಂದ
23.10.2021 ರವರೆಗೆ ರಿಯಾರ್ಜಿಂಗ್ ತರಬೇತಿಯನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿರುವುದಾಗಿ ದೃಢೀಕರಿಸಿರುತ್ತಾರೆ.
ವಿದ್ಯಾರ್ಥಿಯು ಮುಂದಾಗಿ ಪರವಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಕಛೇರಿಗೆ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸುತ್ತಾರೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ಆಡಳಿತಾಧಿಕಾರಿ,

ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ, ಕವಿಪ್ರಸಿ.ನಿ.



PRINCIPAL
SIET., TUMAKURU.

VIVEKANANDA TECHNICAL UNIVERSITY
"DARSHANABAGI", BELAGAVI SUMMUR, KARNATAKA



Internship Report (18EE385)
on
"CENTRALIZED SYSTEM AND ICI"

submitted in partial fulfillment for the requirement of the award of degree

Bachelor of Engineering
in
Electrical & Electronics Engineering

submitted by

RUDRANATH B J (18EE38502)

Under the Guidance of

INTERNAL GUIDE

Dr. H. H. Basavanthappa MBECE
Dept. of EEE
SIT, Tumakuru

EXTERNAL GUIDE

Dr. ARJUNA KUMBAR
Tata Elxsi Ltd
BANGLORE



Principals Signature

PRINCIPAL
SIET, TUMAKURU.

Department of Electrical & Electronics Engineering

SRI SIDDAGANGA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Siddaganga Road, Tumakuru - 572106, Karnataka,
Affiliated to VTU, Belagavi. Approved by AICTE, New Delhi, an ISO 9001:2015 Certified Institution
2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "EMBEDDED SYSTEM AND IOT" carried out by Mr. RUDRESH B J bearing USN:ISV19EE402 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkuru-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of Sri Jayachamarajendra Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The internship project report has been approved as it satisfies the academic requirements in regard to internship work.

G. H. Ravikumar

Signature of Guide
Prof. G H Ravikumar
Asst. Professor
Dept. of EEE
SIET, Tumkuru-06

G. H. Ravikumar

Signature of HOD
Prof. G H Ravikumar
HOD and Asst. Professor
Dept. of EEE
SIET, Tumkuru-06

Narendra Viswanath

Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumkuru-06

Name of the Examiners:

1. Tanujak S

2. Leuabai

Narendra Viswanath

PRINCIPAL
SIET, TUMAKURU.
Signature with Date:

Tanujak S 25/7/22

Leuabai 25/7/22



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info@takeit-smart.com

TAKE IT SMART (OPC) PVT. LTD

Ref No: 2021/07/28

Date: 26/09/2021

To Whom It May Concern

This is to Certify that Miss/Mr. RUDRESH BJ Bearing USN ISV19EF402 is a Bonafide Student of SRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY STUDYING ELECTRICAL AND ELECTRONICS ENGINEERING has Undertaken Internship in "EMBEDDED SYSTEM AND IOT" with us from 30th AUGUST 2021 to 30th SEPTEMBER 2021.

During the period of her/ his Internship program with us, she/ he had been exposed to different processes and was found diligent, hardworking and inquisitive.

We take this opportunity to thank him/her and wish him/her all the best for his/her future.

For, Take it smart (OPC) Pvt.Ltd



Mr. MALLIKARJUN KUMBAR
DIRECTOR

PRINCIPAL
SIET., TUMAKURU.

1274 2nd Floor, Sanitary Core,
3rd phase, Yelahanka New Town,
Bengaluru, Karnataka - 560 064



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)

on

"SUBSTATION AND ITS MAINTENANCE "

at 220/66/11 KPTCL Substation.

Transmission-static relay

Submitted in partial fulfillment of the requirement of the award of degree

Bachelor of Engineering In

Electrical & Electronics

Submitted By

S DON BENIN JOSES

Under the Guidance of:

INTERNAL GUIDE

Mr. G H Ravikumar M tech. MISTE

Asst Professor

Dept. of EEE

SIET, Tumakuru

EXTERNAL GUIDE

Mr ANAND A D

Assistant Exective Engineer

K P T C L , BANGALORE



Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY Sira
Road, Tumakuru -- 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

Nanda Srinivas

PRINCIPAL
SIET., TUMAKURU.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Muralenahalli, Tumakuru, Karnataka -- 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY AND PROTECTION SYSTEM OF 220KV SUBSTATION" carried out by M/S DON BENIN JOSES bearing USN:1SV18EE009 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessment have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

G.H. Ravikumar
Signature of Guide
Prof. G H Ravikumar
Asst. Professor
Dept. of EEE
SIET, Tumakuru-06

G.H. Ravikumar
Signature of HOD
Prof. G H Ravikumar
HOD and Asst. Professor
Dept. of EEE
SIET, Tumakuru-06

Narendra Viswanath
Signature of Principal
Dr. Narendra Viswanath
Principal
SIET, Tumakuru-06

Name of the Examiners:

1. *Tanujak S*

2.

Signature with Date:

Tanujak S
..... 25/7/22

.....

Narendra Viswanath
PRINCIPAL
SIET, TUMAKURU

ABSTRACT

Karnataka power transmission corporation limited is a registered company under the COMPANY ACT, 1956 was incorporated on 28-7-1999 and is a company wholly owned by GOVERNMENT OF KARNATAKA with an authorised share capital of Rs 1455 crore. KPTCL was formed on 01-08-1999 by carving of the Transmission and Distribution functions of the erstwhile Karnataka Electricity Board. KPTCL is headed by chairman and managing director at corporate office. He is assisted by 4 functional directors. The board of KPTCL consist of maximum of 12 directors.

Over the years, transmission system planning exercises were taking place on the basis of regional self-sufficiency. Development of transmission system based on this philosophy resulted in emergence of strong regional grid systems. During the period from mid 70s and up to beginning of 90s, while the regional grids were in initial phases of development and required support from the interconnected state grid systems,

the growth plan of regional systems and the state grid networks were critically matched. The process of techno economic appraisal and clearance by the Central Electricity Authority played a key role in achieving this objective in transmission system development. Subsequently the emergence of strong regional grid systems and the role of state grid systems getting more focused towards meeting needs within the intra-state system, allowed the planning and development process for two segments to run somewhat independently.

The Methodology is based on planning of this station and how it works , as per here at beginning the station receives two 220KV power lines from two HOODY lines named as HOODY line 1 and HOODY line 2, and even there is one 220KV outgoing line to HAL. As per this then it passes through the lightning arrester and then CVT metering and then wave trap and after that the isolator is situated which acts as a CB and then after a circuit breaker then comes Current transformer which measures the current and in the entire station there are two potential transformer one is to measure the 220Kv line other is for 66KV line . This is then passed on to a 150MVA rated step down transformer which steps the voltage to 66KV and is passed on to the line and the current and voltage of the line is measured and then comes three bus bars where the stations are fed up with then there comes a 31.5MVA rated step down transformer which steps down the 66KV to 11KV which is distributed to 12 feeders and hence it goes on .

Nandini Srinivas

PRINCIPAL
SLET, TOMARURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAVI - 590014



**INTERNSHIP REPORT OF
"SMART CITY STREET LIGHTING SYSTEM"**

**BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING**

Submitted by

SANDEEP K N (ISV15EE029)

Under the guidance of

Mrs. SHWETA.T.M M. Tech, MISTE

Asst Professor

Dept. Of E&EE, SIET- TUMKUR



**Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

(An ISO 9001 - 2008 certified Institution)

SIRA ROAD, TUMKUR-572106

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the internship carried out in "SRI MANJU ELECTRICAL", Tumkur by SANDEEP K N (1SV15EE029) basified student of Shridevi Institute of Engineering and Technology in partial fulfilment for the award of degree Bachelor of Engineering in Electrical & Electronics of the Visvesvaraya Technological University, during the year 2021-2022. It is certified that any corrections/suggestions indicated in the Internal Assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship prescribed for the said degree.

Mrs. SHWETHA T.M
Asst. Professor
Dept. of E&EE

Mr. G.H RAVIKUMAR
H.O.D
Dept. of E&EE

Dr.NARENDRA VISWANATH
Principal,
SIET

External Viva

Name of the Examiners:

1. Tanuja K.S.
2. Leelabai

Signature with date

COMPANY CERTIFICATE



SRI MANJU ELECTRICALS

GOVT. LICENCED SUPER GRADE ELECTRICAL CONTRACTOR

H.K. Mahalingappa

Govt. Licenced Super Grade Electrical Contractor

Class-II PWD Civil & Electrical Contractor

Mob. : 9448213936

E-mail : manjuelc.ml@gmail.com

Regd. Office : Hosakote, A.V. Pura (Po), Koratagere Taluk, Tumakuru District

Adm. Office : #3/65, "Mathrushree", Kalidasa Extension., Koratagere-572129, Tumakuru Dist.

SME/Zen/LED/0113/2022-23

Date: 06th Jan 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Sandeep K N (USN :1SV15EE029) from Shridevi Institute of Engineering Technology Tumkur, have successfully completed his internship from **Oct 2021 to Dec 2021** at Sri Manju Electricals.

He was actively involved in Smart Meters(Zen make) installation, Configuration, Commissioning activities, including field work and web application and Mobile app integration for Tumkur Smart City LED Project undertaken by Sri Manju Electricals.

We wish him all the best for his future endeavors

Authorized Signatory

For Sri Manju Electricals
Tumkur



VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI-560014, KARNATAKA



Internship Report (18EEI85) on

“STUDY OF ARDUINO”

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

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

SHARATH H M 1SV19EE403

Under the guidance of

INTERNAL GUIDE

Mrs. Tanuja K S M.E (Ph.D), MISTE

Asst. Prof. Dept of EEE

SIET-Tumkur

EXTERNAL GUIDE

Mr. Praveen Kumar C R

Division Head

V.V Technologies-Tumkur



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkur – 572106, Karnataka.

(Affiliated to VTU Belagavi. Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the Internship project work entitled "STUDY OF ARDUINO" has been successfully carried out by SHARATH H M (1SV19EE403) the bonafide students of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY TUMKUR-572106, in partial fulfillment for the award of degree of Bachelor Of Engineering In ELECTRICAL AND ELECTRONICS ENGINEERING Of The VISVESVARAYA TECHNOLOGICAL UNIVERSITY JNANA SANGAMA, Belagavi-560014 during the year 2021-2022. All the corrections suggestions indicated for the internal assessments have been incorporated in report. The Internship project report has been approved as it satisfies the academic requirements in respect to the Internship work prescribed for the said degree.

Signature of Guide

Mrs. Tanuja K S M.E (Ph.D), MISTE
Asst. Professor, Dept. of EEE
SIET, Tumkur-06

Signature of HOD

Mr. G H Ravi Kumar M.E (Ph.D), MISTE
HOD, Dept. of EEE
SIET, Tumkur-06

Signature of Principal

Dr. Narendra Viswanath Ph.D
Principal
SIET, Tumkur-06

EXTERNAL VIVA

Name of the Examiners:

- 1.
- 2.

Signature with Date:

25/7/22
25/7/22

Date: 26/10/2021
Place: TUMAKUR

CERTIFICATE OF INTERNSHIP

We are glad to inform you that Mr /Mrs /Miss. SHARATH M BARDHEKUNN
ISV19EE403 bonafide student of SHRI DEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY has successfully completed his/her
internship at V V TECHNOLOGIES from 23rd SEPTEMBER, 2021 to 25th
OCTOBER, 2021

During his/her internship he/she was exposed to the Advanced Microcontrollers,
Sensor interfaces, Project documentation and Code development activities.

He/She was very much interested to learn the function of our core division and
also willing to put his/her efforts. His/her association with us was very fruitful
and we wish him/her all the best in his/her future endeavors.



Managing Director

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAVI-590014



AN INTERNSHIP REPORT ON
"MANUFACTURING AND TESTING OF DISTRIBUTION
TRANSFORMERS"
BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING

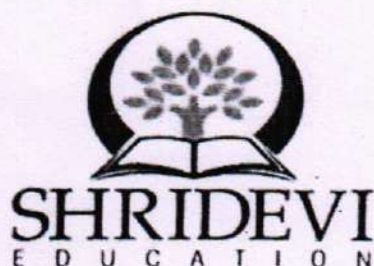
Submitted by
SHIVAKUMAR A R (1SV15EE031)

under the guidance of

Mrs. UMABAI ME, MISTE

Asst Professor Dept. of EEE,

SIET, TUMKURU



Department of Electrical and Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9001-2008 certified Institution)

SIRA ROAD, TUMKUR-572106

2021-22

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-57210

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the internship carried out in "Karnataka vidyuth karkane Limited", Bangalore by SHIVAKUMAR A R [ISVISEE03] a Bonafide student of Shridevi Institute of Engineering and Technology, TUMAKURU in partial fulfillment for the award of degree Bachelor of Engineering in Electrical & Electronics Engineering of the Visvesvaraya Technological University, BELAGAVI during the year 2021-2022. It is certified that all corrections/suggestions indicated in the internal assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Uma

Mrs. UMABAI

ME, MISTE

Asst professor, Dept of EEE

G. H. Ravikumar

Mr. G H RAVIKUMAR

M.Tech, MISTE

H.O.D. Dept of EEE

Narendra Vishwanath

Dr. NARENDRA VISHWANATH

Ph.D

Principal, SIET

External viva-voice

Name of the examiner:

1. *Tanuja K.S*

2. *Uma Bai*

Signature with date

1. *Tanuja K.S 25/7/22*

2. *Uma 25/7/22*



ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ರಾಜ್ಯ ಸರ್ಕಾರದ ಪ್ರಾಧಿಕಾರದಲ್ಲಿ)

KARNATAKA VIDYUTH KARKHANE LIMITED

(A Karnataka Government Undertaking)

ISO-9001-2008 Company CIN : U31101KA1975PLC002954

GST No. 29AAACK6760C1ZL

KAVIKA/PA/2022-2023/ 0265

Date: 26.04.2022

CERTIFICATE

This is to certify that **Mr. Shivakumar A R USN-1SV5EE031** Student of B.E, Dept. of Electrical and Electronics, Shridevi Institute of Engineering & Technology, Tumkur. He has undergone Internship in the area of "**A STUDY ON MANUFACTURING AND TESTING OF DISTRIBUTION TRANSFORMERS**" AT KAVIKA Ltd., from 23.09.2021 to 22.10.2021.

The Internship has been completed successfully to our satisfaction and his conduct during the tenure of the Internship was good and we wish him all the best in his career.

For **KARNATAKA VIDYUTH KARKHANE LIMITED,**

DEPUTY MANAGER-PERSONNEL (I/C).

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಕಾರ್ಖಾನೆ ನಿಯಮಿತ, ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ 2610, ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 026

OFFICE & REGISTERED OFFICE : KARNATAKA VIDYUTH KARKHANE LIMITED, POST BOX NO. 2610, MYSORE ROAD, BENGALURU - 560 026

ಮೊಬೈಲ್ / Telephone : 080 - 26987200, 26743331, 26742337. ಫ್ಯಾಕ್ಸ್ / Fax : 080-26744291

ಇಮೇಲ್ / e-mail :

www.kavika.com

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)
on
"STUDY OF PROTECTION SYSTEM OF 220 KV SUB-STATION"

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

Bachelor of Engineering
In
Electrical & Electronics

Submitted by

SHOBHASHREE S (18V18EE011)

Under the Guidance of:

INTERNAL GUIDE

Mrs. TANUJA K S
Dept. of EEE
SIET, Tumkur

EXTERNAL GUIDE

Mrs. Shilpa B R
Assistant Executive Engineer
220kV Receiving Station, KPTCL
Hiriyur



Shilpa B R
PRINCIPAL
SIET, TUMAKURU.

Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur – 572106, Karnataka.
(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)
2021-2022

Shilpa B R
220 KV Receiving Station
Hiriyur, Tumkur.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF PROTECTION SYSTEM OF 220 kV SUB-STATION" carried out by Ms. SHOBHASHREE S bearing USN:1SV18EE011 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. The corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

Tanuja K.S

23/7/22

Signature of Guide

Mrs. Tanuja K S M.E (P.H.D), MISTE
Asst. Professor, Dept. of EEE
SIET, Tumkur-06

G. H Ravi

Signature of HOD

Mr. G H Ravi Kumar M.E (P.H.D), MISTE
HOD, Dept. of EEE
SIET, Tumkur-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath P.H.D
Principal
SIET, Tumkur-06

EXTERNAL VIVA

Name of the Examiners:

1. Tanuja K.S

2. Leuabai

Narendra Viswanath

PRINCIPAL
SIET, TUMAKURU.

Signature with Date:

Tanuja K.S
25/7/22

Leuabai
25/7/22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report
on
"ELETRICAL STATOR WINDING"

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

BACHELOR OF ENGINEERING
IN
ELECTRICAL & ELECTRONICS ENGINEERING

Submitted By

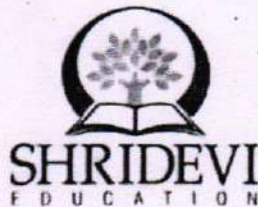
SUJATA (1SV17EE011)

Under The Guidance

Mrs UMABAI M.E.MISTE

ASST ,Professor

Dept. of EEE , SIET-TUMKUR



Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumkur – 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)
2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka – 572106

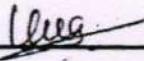


SHRIDEVI
EDUCATION

Department of Electrical & Electronics Engineering

CERTIFICATE

This is to certify that the internship carried out in "RAJAMANE AND HEGDE SERVICES PVT. LTD carried out by Ms. SUJATA (1SV17EE011) a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.



Signature of Guide

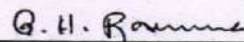
Mrs. Umabai

ME,MISTE

Asst. Professor

Dept. of EEE

SIET, Tumkur



Signature of HOD

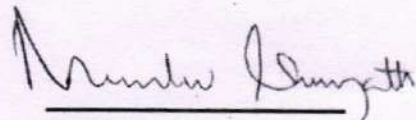
Prof. G H Ravikumar

M,Tech,MISTE

HOD and Asst. Professor

Dept. of EEE

SIET, Tumkur



Signature of Principal

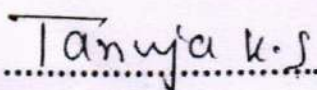
Dr. Narendra Viswanath

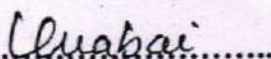
PhD

Principal

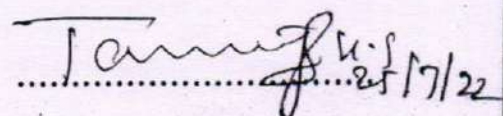
SIET, Tumkur

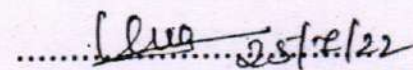
Name of the Examiners:

1. 

2. 

Signature with Date:





RAJAMANE & HEGDE SERVICES PVT. LTD.,



Major Works : No. 142 A, Anbarasanahalli, 2nd Phase, K.J.A.D.B. Industrial Area, TUMAKURU - 572 106. KARNATAKA STATE.

SINCE 1975

GSTIN : 29AACCR6373A1ZF, PAN-AACCR6373A,

Ph.: 0816 - 2211929 Mob.: 9686669650 e-mail : rhtumkur@gmail.com, CIN NO.: U31909KA1991PTC012400

Date: 12.05.2022

CERTIFICATE

Miss. Sujata (1SV17EE011) is a student of Sridevi Institute of Technology Studying in 7th Semester BE in Electrical and Electronics Engineering. She has successfully completed internship Training in our esteemed Organization for the period of one month.

She has worked with commitment, dedication and has shown a cheerful attitude although. Her conduct and performance are found satisfactory.

Thanking you

For Rajamane & Hegde Service Pvt. Ltd.

FOR RAJAMANE & HEGDE SERVICES (P) LTD.

Usha T R

H R Executive

BANGALURU HEAD OFFICE : WHITEFIELD ROAD, MAHADEVAPURA POST, BANGALURU - 560 048. PH : 080 - 28524252, 28524409, FAX : 080 - 41163117 E-mail : rhtumkur@rajamane.com

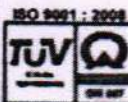


HUBBALLI UNIT : C-181 & 182, INDUSTRIAL ESTATE, GOKUL ROAD, HUBBALLI - 30. PH : 0836 - 2334238, E-mail : rhtshubli@datazone.in

SERVICE CENTRE FOR REPAIR/REWINDING @ RECONDITIONING OF ACDC, LIGHT MOTORS, GENERATORS / ALTERNATORS, SERVO & SPINDLE MOTORS,

RANGE : UP TO 100 MW, 13.8KV, KIRLOSKAR, WEG, ELGI, JYOTI, LEROY SOMER, SIEMENS, AVK, ABB, NGEF, BALDOR, MARELLI STAMFORD,

CIRCUIT BREAKERS, ETC., CONTRACT MANUFACTURING OF MOTORS & GENERATORS. Also Repair / Refurbishing of Power Transformers & Special Transformers



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)
on
"TESTING OF TRANSFORMER"

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

Bachelor of Engineering
In
Electrical & Electronics

Submitted By

SUPRIYA A (ISVI/18072)

Under the Guidance of

Mrs. SHWETA
Dept. of E.E.
SIET, Tumakuru



Shweta
PRINCIPAL
SIET, TUMAKURU.

Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sira Road, Tumakuru – 572106, Karnataka.

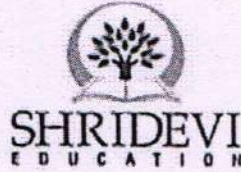
(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka – 572106



Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF TESTING TRANSFORMER" carried out by Mrs. SUPRIYA A bearing USN:1SV17EE012 a bonafide student of Shridevi Institute of Engineering and Technology, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions suggested for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship.

Signature of Guide

Prof. Shwetha T M

Asst. Professor

Dept. of EEE

SIET, Tumkur-06

Signature of HOD

Prof. G H Ravikumar

HOD and Asst. Professor

Dept. of EEE

SIET, Tumkur-06

Signature of Principal

Dr. Narendra Viswanath

Principal

SIET, Tumkur-06

Name of the Examiners:

1. Tanuja K.S

2. Chhabai

PRINCIPAL
SIET, TUMAKURU

Signature with Date:

Tanuja K.S 25/7/22

Chhabai 25/7/22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (18EEI85)

on

"STUDY OF METERING EQUIPMENTS IN 220KV SUBSTATION"

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

Bachelor of Engineering

In

Electrical & Electronics Engineering

Submitted By

TEJAMRUTHABINDU N Y (1SV19EE404)

Under the Guidance of:

INTERNAL GUIDE

Mr. G H Ravikumar M.Tech. MISTE
Asst. Professor
Dept. of EEE
SIET, Tumakuru

EXTERNAL GUIDE

Mr. Eranna T D
Assistant Executive Engineer
K P T C L., Hiriyur



Eranna T D

PRINCIPAL
SIET, TUMAKURU

Department of Electrical & Electronics Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru – 572106, Karnataka.

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belgaavi]

Sira Road, NH-4, Maralasaahalli, Tumakuru, Karnataka - 572106



SHRIDEVI
EDUCATION

Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF METERING EQUIPMENTS IN 220KV SUBSTATION" carried out by Ms. Tejamruthabimla NY bearing USN:1SV19EE404 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belgaavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

G. H. Ravikumar

Signature of Guide

Prof. G H Ravikumar

Asst. Professor

Dept. of EEE

SIET, Tumkuru-06

G. H. Ravikumar

Signature of HOD

Prof. G H Ravikumar

HOD and Asst. Professor

Dept. of EEE

SIET, Tumkuru-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath

Principal

SIET, Tumkuru-06

Name of the Examiners:

1. Tanya K.S.

2. Urbai

Narendra Viswanath
Signature with Date
PRINCIPAL
SIET., TUMAKURU

Tanya K.S.
25/7/22

Urbai
25/7/22



22 DEC 2021

ಮುಖ್ಯಸ್ಥರು,
ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನಾಲಜಿ,
ಕುಮಟೂರು.

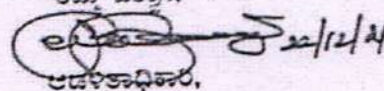
ಮಾನ್ಯರೇ,

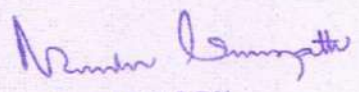
ವಿಷಯ: ಕವಿಪ್ರನಿಯಲ್ಲಿ ಇಂಟರ್ನಲ್ ಶರಣೀತಿಯ ಪೂರ್ಣಗೊಂಡಿರುವ ಬಗ್ಗೆ.

- ಉಲ್ಲೇಖ: 1) ಈ ಕಛೇರಿ ಪತ್ರದ ಸಂಖ್ಯೆ: ಕವಿಪ್ರನಿ/ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ/೨೭೫/೨೩೨೩೭/೨೧-೨೧/೧೫೭೭-೭೯
 ದಿನಾಂಕ: 23.09.2021
 2) ಮಾರ್ಗದರ್ಶಕರ ನಡವಿರುವ ನಮೂನೆ 'ಎ' ದಿನಾಂಕ 08.12.2021

ಮೇಲಿನ ಉಲ್ಲೇಖದ ಪತ್ರದನ್ವಯ, ಶ್ರೀದೇವಿ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ & ಟೆಕ್ನಾಲಜಿ, ಕುಮಟೂರು, ಇಲ್ಲಿ ಬಿ.ಇ (ಇ & ಇ) ಪದವಿಯಲ್ಲಿ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿರುವ, ತೇಜಾನ್ಯುತವೆಂದು ಎಸ್ ಡೈ USN No: ISV19EE404 ರವರಿಗೆ ಶ್ರೀ ಈರಣ್ಣ ಟಿ ಡಿ, ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್(ಡಿ) (ಪ್ರಧಾನ), ಹಿರಿಯರು ನೋಡಲ್ ಕಛೇರಿ 220ಕೆವಿ ಎಸ್.ಆರ್.ಎಸ್, ಕವಿಪ್ರನಿ, ಹಿರಿಯೂರು, ರವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ "Study of Metering and Energy Audit of Substation" ಕುರಿತಂತೆ ಇಂಟರ್ನಲ್ ಶರಣೀತಿ ಮಾಡಲು ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿತ್ತು.

ಉಲ್ಲೇಖ (2) ರ ಧೃಡೀಕರಣದನ್ವಯ, ಮಾರ್ಗದರ್ಶಕರವರು, ವಿದ್ಯಾರ್ಥಿಯು ದಿನಾಂಕ: 24.09.2021 ರಿಂದ 25.10.2021 ರವರೆಗೆ ಇಂಟರ್ನಲ್ ಶರಣೀತಿಯನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿರುವುದಾಗಿ ದೃಢೀಕರಿಸುತ್ತಾರೆ. ವಿದ್ಯಾರ್ಥಿಯು ಖುದ್ದಾಗಿ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಕಛೇರಿಗೆ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸುತ್ತಾರೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಅಧೀಕಾರಾಧಿಕಾರಿ,
ಮಾ.ಸಂ.ಅ.ಕೇಂದ್ರ, ಕವಿಪ್ರನಿ


PRINCIPAL
SIET, TUMAKURU.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELGAVI- 590014, Karnataka



INTERNSHIP REPORT (17EE84)

ON

"RELAY "

BACHELOR OF ENGINEERING

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

TRIVENI T(1SV15EE034)

Under the guidance of

Mrs. UMABAI M.F, MISTE

Asst Profesor

Dept. Of E&EE, SIET- TUMKUR

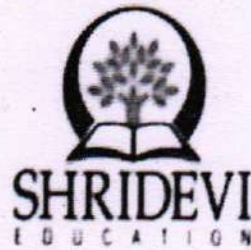


Department of Electrical & Electronics Engineering
SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY

(An ISO 9001 – 2008 certified Institution)
SIRA ROAD, TUMKUR-572106 2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TUMKURU-572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the internship carried out in "SANTHEMAVATHUR 66/11 KV SUBSTATION KUNIGAL, TUMKUR DISTRICT", Tumkur by TRIVENI T [ISV15EE034] basified student of Shridevi Institute of Engineering and Technology in partial fulfilment for the award of degree Bachelor of Engineering in Electrical & Electronics of the Visvesvaraya Technological University, during the year 2021-2022. It is certified that any corrections/suggestions indicated in the Internal Assessment, have been incorporated in the report. The internship has been approved, as it satisfies the academic requirements in respect of internship prescribed for the said degree.

Mrs. ~~UMABAI~~

M.E MISTE
Asst Professor
Dept. of E&E

G. H. Ravi Kumar
Mr. G. H. Ravi Kumar

H.O.D.
Dept. of E&EE

Dr. Narendra Vishwanath

M.E, Ph.D.,
Principal, SIET

External Viva

Name of the Examiners:

1. Tanuja K.S
2. Umabai

Signature with date

Tanuja K.S 26/7/22
~~Umabai~~ 26/7/22

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED



Office of the
Assistant Engineer (Ele)
66/11kV Sub-Station
KPTCL, Santhemavathuru

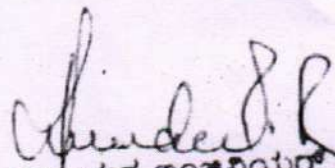
TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. THRIVENI T** bearing **USN: 15V15EE034** studying **B.E (E&E)** from **SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY** has visited **66/11kV Santhemavathuru Sub-station** from **15/09/2021** to **15/10/2021**.

During the visit to the above sub-station, equipment details, practical aspects of "operation & maintenance of sub-station" was briefed the sub-station Engineers.

DATE: 16/10/2021

PLACE: Santhemavathuru


ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ (ಎಲೆ)
66/11 ಕೆ.ವಿ. ವಿದ್ಯುತ್ ಉಪಕೇಂದ್ರ
ಸಂತಮಾವಠುರು

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JYANA SANGAMA", BELAGAVI-590018, KARNATAKA



Interuship Report (18EE185)

on

"STUDY OF TRANSFORMER INDICATOR AT 220KV
SUBSTATION"

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

Bachelor of Engineering
In
Electrical & Electronics Engineering

Submitted By

VIJAY M S (15V19EE405)

Under the Guidance of:

INTERNAL GUIDE

Mr. G H Ravakumar M.Tech M.Sc

Asst. Professor

Dept. of EEE

SIET, Tumakuru

EXTERNAL GUIDE

Mr. Eranna T D

Assistant Executive Engineer

K P T C L, Hiriyur



Department of Electrical & Electronics Engineering

PRINCIPAL
SIET., TUMAKURU

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumakuru - 572106, Karnataka.

(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

2021-2022

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belagavi]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka - 572106



SHRIDEVI
EDUCATION

Department of Electrical & Electronics Engineering

CERTIFICATE

Certified that the Internship project entitled "STUDY OF TRANSFORMER INDICATOR AT 20KV SUBSTATION" carried out by Mr. Vijay M S bearing USN:1SV19EE405 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru-572106, has successfully carried out the internship work in partial fulfillment for the award of Bachelor of Engineering in Electrical And Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship report has been approved as it satisfies the academic requirements in respect of Internship work.

G. H. Ravu

Signature of Guide

Prof. G H Ravikumar

Asst. Professor

Dept. of EEE

SIET, Tumkuru-06

G. H. Ravu

Signature of HOD

Prof. G H Ravikumar

HOD and Asst. Professor

Dept. of EEE

SIET, Tumkuru-06

Narendra Viswanath

Signature of Principal

Dr. Narendra Viswanath

Principal

SIET, Tumkuru-06

Name of the Examiners:

1. Tanuja K S

2. Chubai

Signature with Date:

Tanuja K S
25/7/22

Chubai 25/7/22

Narendra Viswanath

PRINCIPAL
SIET, TUMAKURU.



SHRIDEVI
E D U C A T I O N

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)

ESTD: 2002



CERTIFICATE

This is to certify that the Internship entitled “**Production of Hydraulic Components at MACPL**” is a bonafide record of the work done by **Ms Meghana G (1SV19ME401)**, bonafide student of the **Department of Mechanical Engineering** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Engineering in Mechanical Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2021–22**. It is also 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 Internship work prescribed for the said Degree.

(Mr B H Vasudevamurthy)
Internship Guide

(Mr B H Vasudevamurthy)
Head of the Department

(Dr Narendra Viswanath)
Principal

External Viva

Names of the Examiners

- 1.
- 2.

Signature with date

MALNAD

MALNAD ALLOY CASTINGS PRIVATE LIMITED

Regd. Office & Factory : 36-A, Shimoga-Bhadravathi Industrial Area, MACHENAHALLI - 577 222, Shimoga, Karnataka State, INDIA
Phone : 08182- 246141 / 43, Mob : 8861002659, E-mail : kiranadm@malnad.co.in, Website : malnadalloycastings.com
GSTIN : 29AABCM4307J1ZG PAN : AABCM4307J CIN : U02710KA1983PTC005442



Dt: 19.10.2021

TO WHOMSOEVER IT MAY CONCERN

*This is to certify that **Miss. Meghana G** Department of Mechanical Engineering Student at **Shridevi Institute of Engineering and Technology, Tumkur** bearing **USN No: 1SV19ME401** has undergone "**INTERNSHIP**" at our organization for the period from **21-Sep-2021 to 19-10-2021***

During the period she has taken keen interest in the concurrent field work and come up with good report.

For MALNAD ALLOY CASTINGS PVT LTD.,

Y.V. MADHUKAR JOIS,
MANAGING DIRECTOR.



Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Sira Road, Tumakuru - 572 106. Karnataka.



An ISO 9001:2015 Certified Institution

Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: http://www.shrideviengineering.org

DEPARTMENT OF MECHANICAL ENGINEERING

DECLARATION

I, Ms Meghana G [ISV19ME401], student of VIII semester B.E in Mechanical Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the internship entitled "**Production of Hydraulic Components at MACPL**", embodies the report of our internship carried out by our under the guidance of **Mr. B H Vasudevamurthy, Head of the Department of Mechanical Engineering**, SIET Tumakuru. The matter embodied in this has not been submitted in part or full to any other university or institution for the award of any degree.

Place: Tumakuru

Student Name & Signature

Date:

Meghana G [ISV19ME401]

Sri Shridevi Charitable Trust (R.)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590 018**



**A
INTERNSHIP REPORT
ON
“SOLAR WATER HEATERS”**

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

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING**

**Submitted by:
MOHAMED ROSHAN D (1SV18ME005)**

**Under the Guidance of:
Mr. K P CHANDRAIAH
BE, M Tech, (Ph D)
Assistant Professor
Department of Mechanical Engineering
SIET, Tumkur.**



**Department of Mechanical Engineering
Shridevi Institute of Engineering and Technology**
(Recognized by Government of Karnataka, Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

Sira Road, TUMAKURU – 572 106

2021 – 22





CERTIFICATE

This is to certify that the Internship entitled "Solar Water Heaters" is a bonafide record of the work done by **Mr. Mohamed Roshan D (1SV18ME005)**, bonafide student of the **Department of Mechanical Engineering** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Engineering in Mechanical Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2021-22**. It is also 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 Internship work prescribed for the said Degree.

(Mr. K P Chandraiah)
Internship Guide

(Mr B H Vasudevamurthy)
Head of the Department

(Dr Narendra Viswanath)
Principal

External Viva

Names of the Examiners

1. (PROF) NARENDRA VISWANATH
2.

Signature with date

Sunrizer Solar System

Shed No. C-29, KSFC Industrial Area, Near KSFC Bank, B.H. Road, Tumkur - 3.
email : sunrizersolarsystem@gmai.com, Website : www.sunrizersolarsystem.in

Ref. No.

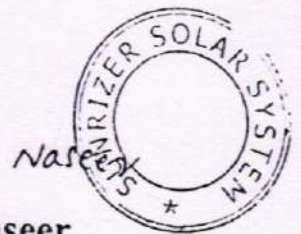
Date :

CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Mr.MOHAMED ROSHAN D (USN:1SV18ME005) of B.E Mechanical Engineering at Shridevi Institute Of Engineering and Technology Tumkur, Karnataka, he has completed his internship at Sunrizer Solar System in Tumkur. During the period of his internship program with us he had been exposed to different process was found punctual, hardworking and inquisitive.

The duration of this internship was from 8-09-2021 to 11-10-2021.

We take this opportunity to wish him all the best for his future.



Mr. Naseer

(Managing Director)



Sri Shridevi Charitable Trust (R.)
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Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: http://www.shrideviengineering.org

DEPARTMENT OF MECHANICAL ENGINEERING

DECLARATION

I, Mr. Mohamed Roshan D [1SV18ME005], student of VIII semester B.E in Mechanical Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the internship entitled “**SOLAR WATER HEATERS**”, embodies the report of our internship carried out by our under the guidance of **Mr. K P Chandraiah, Assistant Professor, Department of Mechanical Engineering, SIET Tumakuru**. The matter embodied in this has not been submitted in part or full to any other university or institution for the award of any degree.

Place: Tumakuru

Student Name & Signature

Date:

Mohamed Roshan D[1SV18ME005]

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590 018**



**A
INTERNSHIP REPORT
ON
“SOLAR WATER HEATERS”**

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

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING**

**Submitted by:
ROUSHAN ALI KHAN (ISV18ME009)**

**Under the Guidance of:
Mr. K P CHANDRAIAH
BE, M Tech, (Ph D)
Assistant Professor
Department of Mechanical Engineering
SIET, Tumkur.**



**Department of Mechanical Engineering
Shridevi Institute of Engineering and Technology**
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Sira Road, TUMAKURU – 572 106
2021 – 22





SHRIDEVI
EDUCATION

Sri Shridevi Charitable Trust (R.)

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

ESTD: 2002



CERTIFICATE

This is to certify that the Internship entitled “**Solar Water Heaters**” is a bonafide record of the work done by **Mr. Roushan Ali Khan (ISV18ME009)**, bonafide student of the **Department of Mechanical Engineering** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Engineering in Mechanical Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2021–22**. It is also 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 Internship work prescribed for the said Degree.

(Mr. K P Chandrarah)
Internship Guide

(Mr B H Vasudevamurthy)
Head of the Department

(Dr Narendra Viswanath)
Principal

External Viva

Names of the Examiners

1. Dr. NARENDRRA VISWANATH
2. K- P. Chandrarah

Signature with date

STIN : 29ANOPN2600E1Z3

LETTERED

Ph : 9972645687

Sunrizer Solar System

Shed No. C-29, KSFC Industrial Area, Near KSFC Bank, B.H. Road, Tumkur - 3.
email : sunrizersolarsystem@gmail.com, Website : www.sunrizersolarsystem.in

Ref. No.

Date :

CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Mr. ROUSHAN ALI KHAN (USN:1SV18ME009) of B.E Mechanical Engineering at Shridevi Institute Of Engineering and Technology Tumkur, Karnataka, he has completed his internship at Sunrizer Solar System in Tumkur. During the period of his internship program with us he had been exposed to different process was found punctual, hardworking and inquisitive.

The duration of this internship was from 8-09-2021 to 11-10-2021.

We take this opportunity to wish him all the best for his future.



Mr. Naseer

(Managing Director)



Sri Shridevi Charitable Trust (R.)
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DEPARTMENT OF MECHANICAL ENGINEERING

DECLARATION

I, Mr. Roushan Ali Khan [1SV18ME009], student of VIII semester **B.E** in Mechanical Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the internship entitled "**SOLAR WATER HEATERS**", embodies the report of our internship carried out by our under the guidance of **Mr. K P Chandraiah, Assistant Professor, Department of Mechanical Engineering, SIET Tumakuru.** The matter embodied in this has not been submitted in part or full to any other university or institution for the award of any degree.

Place: Tumakuru

Student Name & Signature

Date:

Roushan Ali Khan[1SV18ME009]

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590 018**



**A
INTERNSHIP REPORT
ON
“SOLAR WATER HEATERS”**

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

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING**

Submitted by:

SAJID ALAM (1SV19ME403)

Under the Guidance of:

Mr. K P CHANDRAIAH

BE, M Tech, (Ph D)

Assistant Professor

Department of Mechanical Engineering

SIET, Tumkur.



**Department of Mechanical Engineering
Shridevi Institute of Engineering and Technology**
(Recognized by Government of Karnataka, Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)
Sira Road, TUMAKURU – 572 106

2021 – 22

ESTD 2002





CERTIFICATE

This is to certify that the Internship entitled "Solar Water Heaters" is a bonafide record of the work done by **Mr. Sajid Alam (ISV19ME403)**, bonafide student of the **Department of Mechanical Engineering** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Engineering in Mechanical Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2021-22**. It is also 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 Internship work prescribed for the said Degree.

(Mr. K P Chandraiah)
Internship Guide

(Mr B H Vasudevamurthy)
Head of the Department

(Dr Narendra Viswanath)
Principal

External Viva

Names of the Examiners

1. Dr. (Prof) NARENDRA VISWANATH.
2. Prof. K.P. CHANDRAIAH

Signature with date

TIN : 29ANOPN2600E1Z3

LETTERED

Ph : 9972645687

Sunrizer Solar System

Shed No. C-29, KSFC Industrial Area, Near KSFC Bank, B.H. Road, Tumkur - 3.
email : sunrizersolarsystem@gmail.com, Website : www.sunrizersolarsystem.in

No.

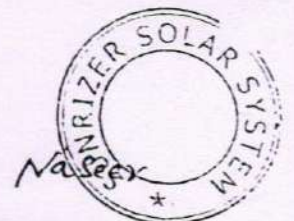
Date :

CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that Mr. SAJID ALAM (USN:1SV19ME403) of B.E Mechanical Engineering at Shridevi Institute Of Engineering and Technology Tumkur, Karnataka, he has completed his internship at Sunrizer Solar System in Tumkur. During the period of his internship program with us he had been exposed to different process was found punctual, hardworking and inquisitive.

The duration of this internship was from 8-09-2021 to 11-10-2021.

We take this opportunity to wish him all the best for his future.



Mr. Naseer

(Managing Director)



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Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: http://www.shrideviengineering.org

DEPARTMENT OF MECHANICAL ENGINEERING

DECLARATION

I, Mr. Sajid Alam [ISV19ME403], student of VIII semester **B.E** in Mechanical Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the internship entitled "**SOLAR WATER HEATERS**", embodies the report of our internship carried out by our under the guidance of **Mr. K P Chandraiah, Assistant Professor, Department of Mechanical Engineering, SIET Tumakuru**. The matter embodied in this has not been submitted in part or full to any other university or institution for the award of any degree.

Place: Tumakuru

Student Name & Signature

Date:

Sajid Alam[ISV19ME403]