

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI - 580031



KLE Technological
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A Internship Project Report on

**APPLICATION OF BIM FOR VANI VILAS APARTMENT, HOSUR
CROSS, HUBLI**

Submitted in partial fulfillment of the requirements for the degree of
Bachelors of Civil Engineering

Submitted by

Roll No.	SRN	Team Members
122	01FE18BCV027	JAY SHRIKANT KOTYAL
103	01FE18BCV006	AMOGHVARSH J PATIL
118	01FE18BCV021	B. GAGANDEEP
240	01FE18BCV352	CHINMAY J PATTENSHETTY
255	01FE19BCV415	CHETAN HOSPET

Under the guidance of

Mr. MANJUNATHGOUDA PATIL

Assistant Professor

School of Civil Engineering

KLE Technological University

Hubballi-580031



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Vidyanagar, Hubballi – 580031, Karnataka, India

SCHOOL OF CIVIL ENGINEERING

2021-2022

CERTIFICATE

This is to certify that the Internship Project work entitled **Application of BIM for Vani Vilas Apartment, Hosur cross, Hubli** is a work carried out by Mr./Ms. **Jay Shrikant Kotyal** SRN: **01Fe18BCV027**, a bonafide student of K L E Technological University, in partial fulfillment for the award of Bachelor of Civil Engineering degree, for 8th semester during the year 2021-2022. The Capstone / Internship Project Report has been approved as it satisfies the academic requirements in respect of Capstone / Internship Project work prescribed for the above said degree.

Guide

Prof. Manjunathgouda Patil

HOS

Dr. M.V. Chitawadagi

Registrar

Dr. N. H. Ayachit

External Viva

Name of the examiners

1. Prof. Priema Malali
2. Dr. V. G. M. Desai

Signature with date

9/5/22

9/5/22

SCHOOL OF CIVIL ENGINEERING
KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI – 580031



A Industrial Project Report on

**INVESTIGATING AND OVERCOMING MATERIAL
MANAGEMENT PROBLEMS FACED BY CONSTRUCTION
COMPANY BY USING DIFFERENT INVENTORY TECHNIQUES
AND MANAGEMENT SOFTWARE**

Submitted in partial fulfillment of the requirements for the
degree of Bachelors of Civil Engineering

Submitted by

Team No.	Roll No.	SRN	Team Members
06	139	01FE18BCV065	Sushmita Huggi
	238	01FE18BCV115	Shivakumar G
	243	01FE19BCV403	Ainapure Ajinkya
	244	01FE19BCV404	Akash N S
	252	01FE19BCV412	Sanjeev Madiwalar
	270	01FE19BCV430	K Vishal

Under the guidance of

Prof. SHIVARAJ HALYAL

School of Civil Engineering
KLE Technological University
Hubballi-580031

CERTIFICATE



It is certified that the Industry Project conducted for *Life Cycle Assessment and Life Cycle Costing of the Residential Building (Judge Quarters) located in Navalgund Taluk of Dharwad District*, is a bonafide work carried out by **Team No. 9** in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide

Dr. Shashibushan Biliangadi


HoS

Prof. M. V. Chitawadagi


Registrar

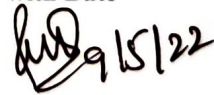
Dr. N. H. Ayachit

Examiners

Name of Examiners

Signature with Date

1. Mr/Dr/Prof Prema Malali
2. Mr/Dr/Prof Dr. V. G. M. Desai


9/15/22


9/15/22

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI - 580031



A Industry Project report on

*Life Cycle Assessment and Life Cycle Costing of the Residential Building
(Judge Quarters) located in Navalgund Taluk of Dharwad District*

Industry Project Report submitted in the partial fulfillment of the requirement
for the degree of Bachelors of Civil Engineering

Submitted by

Name	SRN
Rahul S Chougala	01FE18BCV048
Chetan Managooli	01FE18BCV016
Prashant S Chalageri	01FE18BCV041
Manu R Handral	01FE18BCV353

Under the guidance of

Dr. Shashibhushan Biliangadi

**School of Civil Engineering
KLE Technological University
Hubballi - 580031 (India)**

School of Civil Engineering
KLE Technological University

Hubballi-580031

CERTIFICATE



It is certified that the Industrial Project conducted for “**INVESTIGATING AND OVERCOMING MATERIAL MANAGEMENT PROBLEMS FACED BY CONSTRUCTION COMPANY BY USING DIFFERENT INVENTORY TECHNIQUES AND MANAGEMENT SOFTWARE**” is a bonafide work carried out by Team No.06 in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide

Prof. Shivaraj Halyal


HoS

Dr. M. V. Chitawadagi


Registrar

Dr. N. H. Ayachit

Examiners

Name of Examiners

1. Prof. Prema Malali
2. Dr. V. G. M. - Desai

Signature with Date


9/15/22


9/15/22

An Industry Project Report on

**FACTORS AFFECTING LABOUR PRODUCTIVITY IN
INDIAN CONSTRUCTION INDUSTRY**

Submitted in partial fulfillment of the requirements for the degree of
Bachelors of Civil Engineering

Submitted by

Team No.	Roll No.	SRN	Team Members
9	215	01FE18BCV085	Sahana Patil
	217	01FE18BCV088	Zaheen Fatima Kittur
	220	01FE18BCV093	Srireshma A

Under the guidance of

Prof.Gurunath Kampli

Assistant Professor/Associate Professor/Professor



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KLE Technological University

Hubballi-580031

CERTIFICATE



It is certified that the Industrial Project conducted for “**FACTORS EFFECTING LABOUR PRODUCTIVITY**” is a bonafide work carried out by Team No.09 in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry project prescribed for the said degree.


Guide

Prof. Gurunath Kampli


HoS

Prof. M. V. Chitawadagi


Registrar



Dr. N. H. Ayachit

Examiners

Name of Examiners

Signature with Date

1. Prema Malali
2. Dr. V. G. M Desai


9/15/22

9/15/22

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI - 580031



A Industry Project report on

*Life Cycle Assessment and Life Cycle Costing of the Residential Building
(Judge Quarters) located in Navalgund Taluk of Dharwad District*

Industry Project Report submitted in the partial fulfillment of the requirement
for the degree of Bachelors of Civil Engineering

Submitted by

Name	SRN
Rahul S Chougala	01FE18BCV048
Chetan Managooli	01FE18BCV016
Prashant S Chalageri	01FE18BCV041
Manu R Handral	01FE18BCV353

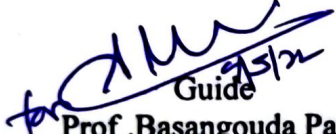
Under the guidance of
Dr. Shashibhushan Biliangadi

**School of Civil Engineering
KLE Technological University
Hubballi - 580031 (India)**

CERTIFICATE



It is certified that the Industry Project conducted for "Seismic analysis of multistoried building with soft story resting on sloping ground" is a bonafide work carried out by Keerthi M A (01FE18BCV029) of Team No. 23 in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide
Prof. Basangouda Patil

HoS
Prof M. V. Chitawadagi


Registrar

Examiners

Name of Examiners

Signature with Date

- 1 Prof. Anu Kumar ES
- 2 Prof. Basavaraj. Gudalohanna


9/5/22
B. n. y.

A Industry Project Report on

**SEISMIC ANALYSIS OF MULTISTORIED BUILDING
WITH SOFTSTORY RESTING ON SLOPING
GROUND**

Submitted in partial fulfillment of the requirements for the degree of
Bachelors of Civil Engineering

Submitted by

Team No.	Roll No.	SRN	Team Members
23	124	01FE18BCV029	Keerthi M Angadi
	184	01FE18BCV045	Praveen D Savalgi
	132	01FE18BCV052	Rutik M Halimani
	143	01FE18BCV070	Vishwa V Patil

Under the guidance of

Prof . Basangouda Patil



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KLE Technological University
Hubballi-580031**

School of Civil Engineering
KLE Technological University
Hubballi-580031

CERTIFICATE



It is certified that the Industry Project conducted for *Life Cycle Assessment and Life Cycle Costing of the Residential Building (Judge Quarters) located in Navalgund Taluk of Dharwad District*, is a bonafide work carried out by **Team No. 9** in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide

Dr. Shashibushan Biliangadi


HoS

Prof M. V. Chitawadagi


Registrar

Dr. N. H. Ayachit

Examiners

Name of Examiners

Signature with Date

1. Mr/Dr/Prof *Prema malali*


9/17/22

2. Mr/Dr/Prof *V. G. M. Desai*


9/15/22

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI - 580031



An Industry Project report on

RISK MANAGEMENT IN HIGH RISE BUILDING

Industry Project Report submitted in the partial fulfillment of the requirement for the degree of Bachelors of Civil Engineering

Submitted by Team-10

NAME	SRN
Dhirajkumar G. Patil	01FE18BCV001
Samarth N. Shyadaguppi	01FE18BCV053
Shreyas	01FE18BCV059
Tejas Shettar	01FE18BCV077

under the guidance of

Prof. Gurunath Kampli

**School of Civil Engineering
KLE Technological University
Hubballi - 580031 (India)**



SCHOOL OF CIVIL ENGINEERING
2021-2022

CERTIFICATE

This is to certify that the Industry Project work entitled “**RISK MANAGEMENT IN HIGH RISE BULIDING**” is a work carried out by **Mr.DHIRAJKUMAR G. PATIL**, SRN:01FE18BCV001, a bonafide student of K.L.E Technological University, in partial fulfillment for the award of Bachelor of Civil Engineering degree, for 8th semester during the year 2021-2022. The Industry Project Report has been approved as it satisfies the academic requirements in respect of Industry Project work prescribed for the above said degree.

Guide

Prof. Gurunath Kampli

HoS

Dr. M.V. Chitawadagi

Registrar

Dr. N. H. Ayachit

External Viva

Name of the examiners

1. Prof. Prema Malali
2. Dr. V.-G.M. Desai

Signature with date

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI - 580031



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An Industry Project report on
**STUDY ON PARTIAL REPLACEMENT OF FINE
AGGREGATE BY STEEL SLAG WITH ADDITION OF
STEEL SCRAP FIBER IN CONCRETE**

is submitted in the partial fulfillment of the requirement for
the degree of Bachelor of Civil Engineering

Submitted by Team-07

Name	SRN
Sawan V Navale	01FE18BCV055
Shishir A R	01FE18BCV056
Parvez Aalam N Dharwad	01FE18BCV421
Ashish B V	01FE19BCV405

Under the guidance of
Dr. M. V. Chitawadagi

**School of Civil Engineering
KLE Technological University
Hubballi - 580031 (India)**

**School of Civil Engineering
KLE Technological University
Hubballi-580031**

CERTIFICATE



It is certified that the Industry Project conducted for “Automatic Monitoring of Curing Temperature and Prediction of Strength of Concrete by Regression Analysis” is a bonafide work carried out by **Team No. 8** in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.

Guide

Prof. Shivaraj Halyal

HOS

Dr. M.V. Chitawadagi

Registrar

Dr. N. H. Ayachit

Examiners

Name of the examiners

1. **Basavaraj. Gudalhalli. Aravind**
(External)

Signature with date

2. **Arun Kumar es**
(Internal)

KLE TECHNOLOGICAL UNIVERSITY

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An Industry Project report on
**AUTOMATIC MONITORING OF CURING
TEMPERATURE AND PREDICTION OF
STRENGTH OF CONCRETE BY REGRESSION
ANALYSIS**

is submitted in the partial fulfillment of the requirement for
the degree of Bachelor of Civil Engineering

Submitted by Team-08

Name	SRN
Vinayalaxmi Shanbhag	01FE18BCV102
Vishal Patil	01FE18BCV428
Prasad Hiremath	01FE19BCV402
Yashkumar Patil	01FE19BCV413
Sayed Sufiyan Ahmed	01FE19BCV421

under the guidance of

Prof. Shivaraj Halyal

**School of Civil Engineering
KLE Technological University
Hubballi - 580031 (India)**

School of Civil Engineering
KLE Technological University
Hubballi-580031

CERTIFICATE



It is certified that the Industry Project conducted for “**STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE BY STEEL SLAG WITH ADDITION OF STEEL SCRAP FIBER IN CONCRETE**” is a bonafide work carried out by **Team No. 07** in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide

Dr. M.V. Chitawadagi


HOS

Dr. M.V. Chitawadagi

Registrar

Dr. N. H. Ayachit

Name of the examiners

1. 
2. 

Signature with date


9/5/22



KLE TECHNOLOGICAL UNIVERSITY
HUBBALLI - 580031



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A Industry Project Report on
**"USE OF BIM(BUILDING INFORMATION
MODELING)DESIGN TO ENHANCE
COMPONENT OF CONSTRUCTION WORKERS
AND USERS SAFETY"**

Submitted in partial fulfillment of the requirements for
the degree of Bachelors of Civil Engineering

Submitted by

TEAM NO	R.NO	USN	TEAM MEMBERS
05	211	01FE18BCV080	SAGAR.S.A
	212	01FE18BCV082	SAHANA
	227	01FE18BCV101	POORNIMA.P.HUGAR
	241	01FE18BCV354	SPURTHI CHIMMALAGI
	263	01FE19BCV423	PAVANKUMAR.D.R

Under the guidance of

Prof.Manjunathgouda Patil

Mr.Pradeep.M.Hulkund


School of Civil Engineering
KLE Technological University
Hubballi-580031 (India)

CERTIFICATE



It is certified that the Industry Project conducted for “**USE OF BIM(BUILDING INFORMATION MODELING) DESIGN TO ENHANCE COMPONENT OF CONSTRUCTION WORKERS AND USERS SAFETY**” is a bonafide work carried out by **Team No. 05** in partial fulfilment of the requirements for the award of **Bachelor of Engineering** degree in the **Civil Engineering** of the **KLE TECHNOLOGICAL UNIVERSITY**, Hubballi during the year **2021-2022**. The report has been approved as it satisfies the academic requirements in respect of Internship Project prescribed for the said degree.

Guide


Prof. Manjunathgouda Patil

HoS


Dr. M.V. Chitawadagi

Registrar


Dr. N.H. Ayachit

Examiners

Name of Examiners

Signature with Date

1.

2.





CERTIFICATE



It is certified that the Design Project conducted for “ACCURACY ANALYSIS OF DRONE SURVEYS V/S CONVENTIONAL METHOD OF SURVEY” is a bonafide work carried out by Ms. Adarsha Shiragur (01FE18BCV108) of Team No.03 in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in the Civil Engineering of the KLE TECHNOLOGICAL UNIVERSITY, Hubballi during the year 2021-2022. The report has been approved as it satisfies the academic requirements in respect of Industry Project prescribed for the said degree.


Guide

Prof. Vithal.H.Jadhav

HOS

Prof M. V. Chitawadagi


Registrar

Examiners

Name of Examiners

Signature with Date

1. Prema Malali
2. Dr. V.G. Mutalik Desai

 9/5/22
 9/5/22

KLE TECHNOLOGICAL UNIVERSITY,

HUBBALLI - 580 031.



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INDUSTRY PROJECT REPORT ON
“ACCURACY ANALYSIS OF DRONE SURVEYS V/s
CONVENTIONAL METHOD OF SURVEY”

(For land of K.L.E Medical College and Hospital at Gabbur village in Hubballi Taluk)

Submitted in partial fulfillment of the requirements for the degree of
Bachelors of Civil Engineering

Submitted by **Team No. 3**

Roll No.	Team Members	SRN
232	Adarsha Shiragur	01FE18BCV108
234	Deepa Dharmasing Rathod	01FE18BCV110
235	Deepa	01FE18BCV111
251	Mahantesh Kalawad	01FE19BCV411
259	Iranna Tukaram Kunigeri	01FE19BCV419

Under the guidance of

Prof.Vithal .H. Jadhav

School of Civil Engineering

KLE Technological University, Hubballi-580031(India)

KLE TECHNOLOGICAL UNIVERSITY

HUBBALLI- 580031



A Industrial Project Report on

**Response of Red brick, Cellular lightweight
blocks (CLC blocks), AAC brick, Fly Ash brick
densities on multi-storeyed buildings.**

Project Report submitted in the partial fulfilment of the requirement
for the degree of Bachelors of Civil Engineering

Submitted by Team-04

Roll No	Name	USN
154	Md Huzaifa S Hullur	01FE18BCV036
186	Rohit V Hosamani	01FE18BCV051
256	Shreedevi vaddodagi	01FE19BCV416
264	Aishwarya Yadav	01FE19BCV424

Under the guidance of

Dr. M. R. Patil

School of civil Engineering KLE Technological University

Hubballi-580031(India)