



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaavi)

Department of Civil Engineering

From

Dr. Suman Kundapura
Department of Civil Engineering
AJIET Mangalore

To

Dr. Shantharama Rai
The Principal
AJIET Mangalore

Date: 30/11/2022

Subject: Request for Permission for Industrial Visit for 3rd semester CV Students

Respected Sir, I am writing on behalf of the Civil Department to seek your gracious permission to organize an industrial visit for our 3rd semester CV Students.

Details of the proposed industrial visit are as follows:

Details of the visit are as follows:

- Date: 02/12/2022
- Venue: Nirmithi Kendra Surathkal

Your approval will significantly benefit our students.

Warm regards,


Dr. Suman Kundapura

H.O.D.-Civil Engineering

A.J. Institute of Engineering & Technology
Mangaluru - 575 006, D.K., Karnataka



Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaivi)

Department of Civil Engineering

Ref. No: AJIET/CV/IV/2022-23/02

Date: 30/11/2022

CIRCULAR

Dear Students, we are excited to announce the Industrial Visit for the 3rd semester Students. This program offers you the opportunity to gain practical experience, industry exposure, and professional skills.

For more details, contact Mrs. Deeksha Anand, Industrial Visit Coordinator

Details of the visit are as follows:

- **Date: 02/12/2022**
- **Venue: Nirmithi Kendra Surathkal**


Event Coordinator





HOD

H.O.D.-Civil Engineering
A.J. Institute of Engineering & Technology
Mangaluru - 575 006, D.K., Karnataka

Date: 2-12-2022

Report on "INDUSTRIAL VISIT"

| | | | | | | |
|--|---|-----------------------------|---|---------|---|--|
| Name of the Program: | INDUSTRIAL VISIT TO NIRMITHI KENDRA SURATHKAL | Program Dates & Timings: | 2-12-2022 2:00 p.m. – 5.00p.m. | | | |
| Name & Details of the Resource Person: | 1. Mr. Rajendra Rao Kalbavi, Project Manager, Dakshina Kannada Nirmithi Kendra, Srinivasanagar, NITK, Mangalore. | 2. Mr. Vinay | Assistant Engineer, Dakshina Kannada Nirmithi Kendra, Srinivasanagar, NITK, Mangalore | | | |
| Organized by (Clubs/ Dept.) | Department of Civil Engineering | In Association with (clubs) | - | | | |
| Number of Participants | 27 | Students | 25 | Faculty | 2 | |
| Program Outcome (PO) Mapping | PO3, PO4, PO5, PO8, PO9 PO 10, PO11,PO12 | | | | | |
| Coordinators | Ms. Deeksha Anand, Asst Professor. Dept. of Civil. Mr. Nikhil., Asst. Professor, Dept. of Civil | | | | | |

About the Program: Dakshina Kannada district administration has established one such centre called "DAKSHINA KANNADA NIRMITHI KENDRA " on 1989, which is located at Surathkal and it is functioning by the having body under the Chairmanship of Deputy Commissioner, D.K. district. Nirmithi Kendra in Dakshina Kannada is one of the leading organizations established under the Government of India initiative scheme to propagate cost effective building materials, and named it the "Technology Transfer Centre" in order to bridge the gap between the laboratory technologies and the construction site. The main aim of Nirmithi Kendra is to incorporate alternative, environment friendly building materials and technologies developed by various research institutes and to effectively implement for the use of common people.

During the visit, live demonstration of an arch structure using brick and mortar was shown at the site. The arch was completed within 10 mins and the supporting formwork was also

removed. Further the structure was loaded within the initial setting time of cement i.e., 30 mins. The strength and its stability of the structure to carry the loads was demonstrated. The effect of horizontal thrust was discussed. Students were given an opportunity to mould and unmould the bricks at the site. They also invited students to take up project works and internships at Nirmithi Kendra, where they will be providing material and space for the work. Overall the industrial visit was an eye opener for the budding civil engineering students.

Objectives: The program INDUSTRIAL VISIT TO NIRMITHI KENDRA SURATHKAL

enable students/ faculty

- To provide the with an opportunity to learn practically through interaction, working methods and employment practices.
- An exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.

Outcomes: On successful completion of program of Visit the student should able to:

1. Built their career and help them in developing leadership qualities, management skills, and learn about the industry working
2. Formulate projects and to take up consultancy services in housing and its allied fields.

Articulation Matrix:

| Course Outcomes | Program Outcomes | | | | | | | | | | | |
|-----------------|------------------|---|---|---|---|---|---|-----|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | - | - | - | - | - | - | - | - | 2 | 2 | | 2 |
| 2 | -- | - | 2 | 2 | 2 | - | - | 1 | 2 | 2 | 2 | 2 |
| Average | - | - | 1 | 1 | 1 | - | - | 0.5 | 2 | 2 | 1 | 2 |



 Principal
 A.J. Institute of Engineering & Technology
 Mangaluru - 575 006

Photos:




Coordinator
4/10/22


HOD


Principal
Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006



AJIET

AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

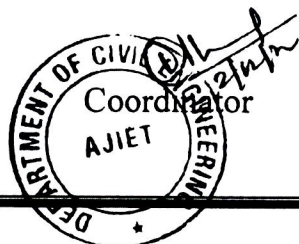
A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaol)

Date: 2-12-2022

Attendance for "2nd Year Industrial Visit- Nirmithi Kendra Surathkal"

| SI No | USN | Name | Department | Signature |
|-------|------------|----------------------------|-------------------|-------------|
| 1 | 4JK21CV001 | AHAMAD FAHIZ | Civil Engineering | AB |
| 3 | 4JK21CV002 | AHANA A | Civil Engineering | Abh |
| 4 | 4JK21CV004 | APARNA VINOD | Civil Engineering | Aparna |
| 5 | 4JK21CV005 | BHAVANI | Civil Engineering | Bhavani |
| 6 | 4JK21CV006 | CHAITRA V | Civil Engineering | Ch.V |
| 7 | 4JK21CV007 | DARSHAN R | Civil Engineering | Darshan |
| 8 | 4JK21CV008 | DEEPA GOWDAPPA KARIGARA | Civil Engineering | Deepa |
| 9 | 4JK21CV010 | DILEEP RAJ | Civil Engineering | Dileep |
| 10 | 4JK21CV011 | HARSHITHA SUBRAY NAIK | Civil Engineering | Harshitha |
| 11 | 4JK21CV012 | HARSHITHA | Civil Engineering | Harshitha |
| 12 | 4JK21CV013 | HASSAN MOSHEEN | Civil Engineering | Hassan |
| 13 | 4JK21CV014 | HAVYAS K | Civil Engineering | Havyas |
| 14 | 4JK21CV015 | JEEVITHA SHETTY | Civil Engineering | Jeevitha |
| 15 | 4JK21CV016 | K S SUJITH | Civil Engineering | Sujitha |
| 16 | 4JK21CV017 | KARTHIK H | Civil Engineering | Karthik |
| 17 | 4JK21CV018 | KARTHIK RAJESH | Civil Engineering | Karthik |
| 18 | 4JK21CV019 | KUSHAR S | Civil Engineering | Kushar |
| 19 | 4JK21CV020 | M J SAKTHI MAGENDHIRAN | Civil Engineering | Sakthi |
| 20 | 4JK21CV021 | MOHAMMED NUBUL | Civil Engineering | Nubul |
| 21 | 4JK21CV022 | MALLIKA G | Civil Engineering | Mallika |
| 22 | 4JK21CV024 | MOHAMMED FEBIN | Civil Engineering | Febin |
| 23 | 4JK21CV026 | NOCA MUMBA SALOMAN | Civil Engineering | Noca |
| 24 | 4JK21CV027 | RAHUL | Civil Engineering | AB |
| 25 | 4JK21CV029 | ROHAN E SHETTY | Civil Engineering | Rohan |
| 26 | 4JK21CV030 | SALMAN UL FARISH | Civil Engineering | AB |
| 27 | 4JK21CV035 | SUDEEPA S R | Civil Engineering | Sudeepa |
| 28 | DIPLOMA | NANDA KUMAR | Civil Engineering | Nanda Kumar |



Suman K

HOD
H.O.D.-Civil Engineering
A.J. Institute of Engineering & Technology,
Mangaluru - 575 006

Principal
Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006