



SURESH ANGADI EDUCATION FOUNDATION
ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Approved by AICTE, New Delhi,
Affiliated to Visvesvaraya Technological University, Belagavi.
(Accredited by NAAC)

Department of Electrical & Electronics Engineering

REPORT

On

**Industrial Visit to 220KV Switching Station Kanbargi and Wind Power Plant
Kakati, Belagavi**

Activity Coordinator

HOD

Head of the Department .
Electrical & Electronics Engineering
Angadi Institute of Technology And Management
Savagan Road, Belagavi-590 009

IQAC

IQAC COORDINATOR
ANGADI INSTITUTE OF
TECHNOLOGY & MANAGEMENT,
BELAGAVI - 09.

Principal & Director
Principal & Director

Suresh Angadi Education Foundatn
Angadi Institute of Technology And Managemen...
Savagan Road, Belagavi-590 009



SURESH ANGADI EDUCATION FOUNDATION'S
ANGADI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Approved by AICTE, New Delhi, Affiliated to VTU Belagavi & Accredited by NAAC
Savagaon Road, Belagavi Karnataka - India - 590 009
(Integrated Campus)



Web : www.altmbgm.ac.in, Email : director@altmbgm.ac.in Ph. No. : 0831-2438123

Ref. No.: AITM/ACA/2024-2025/218

Date: 13-11-2024

To,

Station In charge
Wind World Private. Limited Belagavi
220 Receiving Station Kanbargi
Belagavi - 590015

Subject: Permission to visit Wind World Private. Limited Belagavi, 220kV Receiving Station Kanbargi

Respected Sir/ Madam,

With reference to the subject, on behalf of Electrical and Electronics Engineering Department from Angadi Institute of Technology and Management, Belagavi would like to seek your permission to visit Wind World Private. Limited Belagavi 220kV Receiving Station Kanbargi, for our 3rd semester students. We are planning to visit your station on 15th November 2024 (Friday).

The total number students 33 with Three faculties and one non-teaching staff from our department would be included in the visit. Being the students of Electrical and Electronics Engineering, this visit would help the students to transform their theoretical knowledge into practical implementation. We request your good selves to kindly grant us permission for the same.

We look forward to a positive reply from your side.

Kindly do the needful.

Thanking You,

Kar
13/11/24
Head of Department
Head of the Department
Electrical & Electronics Engineering
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009



[Signature]
Principal & Director
Principal & Director
Suresh Angadi Education Foundation
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009

Copy to:
Assistant Executive Engineer (Ele)
220KV Receiving station
KPTCL, Belagavi

[Signature]
Assistant Executive Engineer (Ele)
220KV Receiving Station
Sub-Division KPTCL, Belagavi

-: OUR INSTITUTIONS :-

* ANGADI INTERNATIONAL SCHOOL * ANGADI COLLEGE OF COMMERCE & SCIENCE * ANGADI SCHOOL OF ARCHITECTURE



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13/11/24
Head of Department
Head of the Department
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Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009



[Signature]
Principal & Director
Principal & Director
Suresh Angadi Education Foundation
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009

Copy to:
Assistant Executive Engineer (Ele)
220KV Receiving station
KPTCL, Belagavi

[Signature]
Assistant Executive Engineer (Ele)
220KV Receiving Station

Sub-Division KPTCL, Belagavi



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Accredited by NAAC



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

3rd Semester Students List of 2024-2025

| Sl. NO | Name | USN |
|--------|-------------------------|------------|
| 1 | Aishwarya Hippargi | 2AG23EE001 |
| 2 | Anushree Y Kashinakunti | 2AG23EE002 |
| 3 | Arun B Wader | 2AG23EE003 |
| 4 | Nikhil N Ranannavar | 2AG23EE004 |
| 5 | Prajwal H Ranannavar | 2AG23EE005 |
| 6 | Rashmita K Kanabur | 2AG23EE008 |
| 7 | Rekha Mavinagidad | 2AG23EE009 |
| 8 | Sangmesh V Karki | 2AG23EE010 |
| 9 | Shivakumar V Ganachari | 2AG23EE011 |
| 10 | Shraddha Aski | 2AG23EE012 |
| 11 | Shridevi C Baligar | 2AG23EE013 |
| 12 | Vishwa Badiger | 2AG23EE014 |
| 13 | Sagar Patil | Diploma |
| 14 | Mohammad Saad Sangolli | Diploma |
| 15 | Sammed N Sakalakanavar | Diploma |
| 16 | Vyankatesh N Desai | Diploma |
| 17 | Shrikant Manturgimath | Diploma |
| 18 | Vishal K Bandi | Diploma |
| 19 | Parveez H Mulla | Diploma |
| 20 | Heramb A Satardekar | Diploma |
| 21 | Rahul S Kamble | Diploma |
| 22 | Nikhil P Patil | Diploma |
| 23 | Nikhil S Gavada | Diploma |
| 24 | Avinash P Rathodkar | Diploma |
| 25 | Amar A Latakar | Diploma |
| 26 | Chidananda Harogeri | Diploma |
| 27 | Venkatesh P Bandannavar | Diploma |
| 28 | Vijaykumar S Naik | Diploma |
| 29 | Darshan Lakhnapure | Diploma |
| 30 | Amol A Madwalkar | Diploma |
| 31 | Shubham R Biradar | Diploma |
| 32 | Shweta S Doddannavar | Diploma |
| 33 | Shivaraj Padandar | Diploma |

Karol
13/11/24

HOD

Head of the Department:
Electrical & Electronics Engineering
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009

Principal & Director
13/11/24

REPORT

ON

“Industrial Visit to 220KV Switching Station Kanbargi and Wind Power Plant Kakati, Belagavi”

EVENT DETAILS

| SL. NO | DESCRIPTION | DETAILS |
|---------------|-----------------------------|--|
| 1 | Name of the event | Industrial Visit to 220KV Switching Station Kanbargi and Wind Power Plant Kakati, Belagavi |
| 2 | Number of Participants | 33 |
| 3 | Event Date | 15/11/2024 |
| 4 | Person In charge | Prof. Rajendra Ghivari Prof. Vinayachandrika. Kale Prof. Ramesh Astekar |
| 5 | Name of the Resource/Entity | Mr. Bhargav, Station In charge |

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| Audience (Internal or External, Students or Faculty etc.): | 5 |
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| Conclusion | 7 |

➤ **OBJECT OF EVENT:**

Industrial Visit to 220KV Switching Station Kanbargi and Wind Power Plant Kakati, Belagavi

The Department of Electrical and Electronics Engineering, Angadi Institute of Technology & Management, Belagavi, Organized Industrial visit for 3rd semester students to 220KV Switching Station Kanbargi and Wind Power Plant Kakati, Belagavi on 15/11/2024. Under the expert guidance of Mr. Bhargav, Station In charge. The objective of the visit is to provide students with a practical understanding of the operations and infrastructure involved in the generation, transmission and distribution of electricity, particularly from renewable sources like Wind energy.

The 220 KV Switching Station at Kanbargi plays a vital role in receiving electrical power generated from Narendra Line-1 and Narendra Line -2 and transmitting it within a region. It serves as an intermediate station that connects multiple substations and ensures the smooth flow of electricity from the power plants to the end users.

In the further part of the visit, students were taken to the Wind Power Plant which is handled by Wind World Private Limited. Wind World Private Limited is a prominent player in the renewable energy sector, focusing on wind energy generation.

The visit to the Wind Power Plant, 220 KV Switching Station Kanbargi Belagavi was an informative and enriching experience for the students. It provides practical insights into how renewable energy, specifically wind power is integrated into the national grid, ensuring a stable and reliable power supply.

This visit has not only enriched our academic journey but also inspired us to strive for excellence in our field of Electrical and Electronics Engineering.

Prof. Rajendra Ghivari, Prof. Vinayachandrika Kale and Prof. Ramesh Ashtekar from Electrical and Electronics Engineering Department accompanied the students to the Industrial visit. Faculty of Electrical and Electronics Engineering Department would like to express our gratitude to HOD, Prof. Kantesh D. C , for encouraging the students to visit the plant.

Our sincere thanks to Dr. Spoorti Patil Madam, Director SAEF, Shri Raju Joshi sir, Administrator SAEF, Dr. Anand Deshpande sir, Principal & Director, AITM for their kind support in organizing the industrial visit.

➤ **RELEVANCE TO PO**

PO1 - Engineering Knowledge: Students gain practical insights into electrical engineering principles related to power systems, transformers, switchgear, and control systems by observing their application in a real-world industrial setting.

PO2 - Problem Analysis: The visit allows students to observe and analyze real-world problems related to power transmission, distribution, voltage regulation, and system reliability. They can understand how engineers identify, analyze, and solve these issues.

PO5 - Modern Tool Usage: Exposure to SCADA systems, digital meters, protective relays, and other monitoring and control tools used at the station enhances students' familiarity with advanced technologies and tools used in the industry.

PO6 - The Engineer and Society: Discussions during the visit on the station's role in society, energy efficiency, and environmental impact provide insights into engineers' responsibilities towards sustainable development and ethical practices in the energy sector.

PO8 - Ethics: Observing adherence to safety protocols, regulatory standards, and ethical practices at the station reinforces the importance of ethical behavior and professionalism in engineering practice.

PO10 - Communication: Interactions with professionals at the station improve students' communication skills, both in technical and non-technical contexts, essential for effective collaboration and conveying engineering ideas.

➤ **AUDIENCE (INTERNAL OR EXTERNAL, STUDENTS OR FACULTY ETC.)**

Students

➤ **VENUE, DATE AND TIME**

- Venue: Industrial Visit to 220KV Switching Station Kanbargi and Wind Power Plant Kakati, Belagavi
- Date: 15/11/2024
- Time: 11:00 AM – 04:30 PM

➤ GALLERY OF EVENT CONDUCTED FOR EVIDENCE:





CONCLUSION:

The Event was conducted successfully, staff got opportunity to Interact with students. Our sincere thanks to our Management, Administrator, Principal and Director for their kind support.