

UDAAN 2024

A NEWS LETTER FROM

DEPARTMENT OF CIVIL ENGINEERING

Tatyasaheb Kore Institute of Engineering
and Technology (Polytechnic), Warananagar



Edition 05: 17 Feb., 2024

Prof. S. J. Sankpal

Head of Civil Engineering

From the HOD's Desk..



It gives me immense pleasure to note that the Fourth edition of UDAAN is ready for launch. The big theme today is to focus on creativity and innovation alongside academics.

Entrepreneurial wealth creation has been explosive on account of the massive impact made by technology start-ups. It is research and development that fosters innovation and out of the box thinking, be it in design or in implementation. Interact with your predecessors pursuing their passions as entrepreneurs or as employees and they would vouch for the fact that career progression or wealth creation happens only when the vision extends beyond the periphery. Apply your mind in everything you do, whether it is a small laboratory project or a longer semester project.

Department Vision..

To become an academy excellence in technical education and human resource development.

Department Mission..

- To develop engineering graduates of high repute with professional ethics.
- To excel in academics and research through innovative techniques.
- To facilitate employability,

entrepreneurship along with social responsibility.

- To indicate lifelong learning and respect for environment
- To collaborate with industry and institutes of national recognition.

Editorial..

The newsletter will serve as a platform where issues pertaining to the department can be raised, debated and solutions be arrived at and we expect the participation of both the faculty and the students. We are extremely glad to bring you the news-letter Ignited of department Civil Engineering.

*Mr. S. V. Patil
Staff Editor*

Student's Editorial

It's a pleasure for me to be the student editor of the Newsletter team. We take this opportunity to thank committee members and all staff members of the department for their help & support in publishing this Newsletter.

*Mr. Yash
Ambole
(S.Y.CE)*

Program Outcomes (POs)

• Basic knowledge:

An ability to apply knowledge of basic mathematics, science and engineering to solve engineering problems.

• Discipline knowledge:

An ability to apply discipline - specific knowledge to solve core and/or applied engineering

problems.

- **Experiments and practice:**

An ability to plan and perform experiments and practices and to use the results to solve engineering problems.

- **Engineering Tools:**

Apply appropriate technologies and tools with an understanding of the limitations.

- **The engineer and society:**

Demonstrate knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering practice.

- **Environment and sustainability:**

Understand the impact of the engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.

- **Ethics:**

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work:**

Function effectively as an individual, and as a member or leader in diverse/multidisciplinary teams.

- **Communication:**

An ability to communicate effectively.

- **Life-long learning:**

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the context of technological changes.

Activities conducted in Civil Engineering department... Guest Lecture****

Civil Engineering Students Association (PCESA) organized a guest lecture on. **1. Career guidance and future opportunities**

The resource person was Prof. P. S. Koli Sir. He gave us detailed guidance about career development. Such is how we should present ourselves in the market.



2. Career guidance and future opportunities

Mr. Abhijeet Mulik, Founder & CEO Dream House Construction, Wathar, has delivered a guest lecture on the topic "Career Guidance & Future Opportunities" for the students of civil department on Thursday 14th Sept., 2023. The lecture was really inspiring for students. It highlights the importance of technical education in their future. His guest lecture was very much useful for the students.



Career guidance and future opportunities

3. Expert Lectures

The resource person was Mr. Suhas Pakhare, HR (L&T). He delivered talk regarding "Training & Placement, Class delivery, Teaching pedagogies" on Thursday 18th Jan. 2024.



4. TOTAL STATION

Basic Principle A total station integrates the functions of a theodolite for measuring angles, an EDM for measuring distances, digital data and a data recorder. All total stations have similar constructional features regardless of their age or level of technology, and all perform basically the same functions.



Advanced Surveying equipment : TOTALSTATION
Prof. R. R. Chandanshive.
Date:10/10/2023

Industrial / Site Visit****

1. Water Treatment Plant

OBJECTIVE: Understand the operations of a water treatment plant.



Water Treatment Plant
Place : Kodoli
Date :06/10/2023.

2. Residential Building Visit



Residential Building Visit
Place : Kodoli
Date :31/01/2024.

1. Chikurde Bridge Visit



Warana River Bridge
Place : Chikurde
Date :28/02/2024.

3. Residential Building Visit



Residential Building Visit
Place : Kodoli
Date :31/01/2024.

Extra Curricular Activities****

Civil Engineering Department organized

1.Tree Plantation

The objectives of tree plantations is to know the value of the environment ,benefits of trees, beautification in and around the campus. Tree plantation is a great way to increase students' interest in their local environment and achieve academic goals.



Tree Plantation
Place : Front of Polytechnic Building
Date :02/10/2023.

2. Welcome And Fresher's

Objectives: The main objective of this party newcomers is to give a warm welcome to the



Welcome And Fresher's
Place: Seminar Hall
Date: 18 th September, 2023

3. Blood Donation Camp



Blood Donation
Place: Seminar Hall
Date: 4 th October, 2023

4. Parent Teacher Meet

A parent-teacher meet is a great opportunity to share academic progress and growth based on classroom observations, testing data, assessments.



Parents Teacher Meet
Place: Seminar Hall
Date: 14 th October, 2023

Training and Placement****



Placed Students:

Tanishka Mudgal (Technimont ICB, Mumbai)

Package: 4.25 LPA

Nikita Powar (Technimont ICB, Mumbai)

Package: 4.25 LPA

Academic Toppers of Summer - 2023

2nd Year (4th Semester)

Rank	Name of Student	%
I	Mudgal Tanishka Bhushan	84.4
II	Chougule Dhanshree Bhimrao	75.5
III	Powar Nikita Sanjay	72.7

3rd Year (6th Semester)

Rank	Name of Student	%
I	Kengar Shubhangi Sukhadev	75.2
II	Gopane Harshvardhan Ramchandra	72.5

Academic Toppers of Winter - 2023

2nd Year (3rd Semester)

Rank	Name of Student	%
I	Mali Anuradha Sunil	84.3
II	Ambole Yash Rajan	78.2
II	Thete Rahul Ankush	77.7

3rd Year (5th Semester)

Rank	Name of Student	%
I	Mudgal Tanishka Bhushan	87.3
II	Chougule Dhanshree Bhimrao	82.4
II	Powar Nikita Sanjay	78.1

Staff Details

<i>Name of faculty</i>	<i>Qualification</i>	<i>Designation</i>
<i>Ms. S. J. Sankpal</i>	<i>BE M.Tech(Pursuing)</i>	<i>HOD</i>
<i>Ms. A. N. Jare</i>	<i>BE M.Tech(Pursuing)</i>	<i>Lecturer</i>
<i>Ms. S. S. Mohite</i>	<i>BE M.Tech(Pursuing)</i>	<i>Lecturer</i>
<i>Ms. P. B. Phalke</i>	<i>BE M.Tech(Pursuing)</i>	<i>Lecturer</i>
<i>Ms. P. K. Mankar</i>	<i>BE</i>	<i>Lecturer</i>
<i>Mr. S. V. Patil</i>	<i>BE M.Tech Structure</i>	<i>Lecturer</i>

THANK YOU.....

