

## ***From the HOD's Desk.....***



***Prof. Supekar G. S.***  
***Head, Dept. of Civil Engg.***

Dear Students,

It gives me immense pleasure to announce the arrival of our annual CESA report for year 2022-23. This report is a platform for all our students to put forth their creative ideas and skill. I would like to hearty congratulate the report committee for the efforts that they have put into the report.

The aim of the Department of Civil Engineering is to meticulously raise the standard of Department with sound technical knowledge, excellent soft skills and integrity towards work. Our intention is to make efforts for the spread of technical education among classes and communities, which are socially and educationally underprivileged. We develop the personality and character of students by value based education.

***From the CESA Faculty Coordinator's  
Desk.....***



***Prof. Mehetre S. M.  
CESA coordinator***

Dear Students,

Our report is more than a mere photo album. It is the testimony of the proud moments we experienced during the academic year 2022-23. It has treasured the record of student's extracurricular excellence.

I wish passing out student's huge success and good health. They may fulfill their ambitions and good citizens of the country and also wish our present students success in their forthcoming examinations.

I thank CESA committee members who have brought out this report with great efforts and we also thankful to the entire Department of Civil Engineering for Contributing to the student's event.

## ***Department of Civil Engineering.....***



***Prof. Supekar G. S.***  
***Head, Dept. of Civil Engg.***

### ***Assistant Professor***



***Prof. Nagargoje S. M.***



***Prof. Dhede M. V.***



***Prof. Mehetre S. M.***



***Prof. Zope M. T.***



***Prof. Kamble R. B.***



***Prof. Doke P. N.***



***Prof. Kaulkhere R. V.***

### ***Technical Assistant***



***Mr. Tak K. P.***

***From CESA Student's Coordinators  
Desk.....***



***Thorat Rushikesh  
President  
CESA***



***Kendre Komal  
Vice President  
CESA***

Dear friends,

First of all we would like to thank all of you for electing us as governing committee of CESA. CESA works for the students to inculcate communication and development of generic skills.

We have conducted various events including guest lectures and competitions which helped the students to flourish in their academics as well as extra curricula's.

We appreciate the hard work of our committee members who made each and every event a grand success also our dear friends of the civil engineering department who actively participated in every event. We hope this chain of success continues for years and years making our teachers and department proud of their efforts on us.

# CIVIL ENGINEERING STUDENTS ASSOCIATION

(CESA)

Governing Council (2022-23)



Thorat Rushikesh  
President



Kendre Komal  
Vice President  
**Members**



Chavan Ajay  
Secretary



Walunj Sairaj



Shelke Shrirang



Shinde Kajal



Patel Shubhani



Jadhav Akash



Mandlik Ankita



Yewale Alisha



Murkute Rutuja



Adhav Nishant



Adsare Ankit

## BE Civil Students



Ambhavane  
Pranjali Popat



Bankhele Sahil  
Sachin



Indore Omkar  
Tanhaji



Jagtap Omkar  
Vilas



Kendre Rutik  
Purushotam



Lande Sonali  
Krishna



Momin Anas  
Jakir



Landge Anant  
Revannath



Awate Sankalp  
Kailas



Bangar Mahesh  
Bhaskar



Bhambere  
Vishal Babaji



Bhor Prasad  
Dattatray



Bidgar Pratik  
Pandurang



Chavan Ajay  
Suresh



Chavan Santraj  
Maruti



Rushikesh Sanjay  
Dhamale



Dighe Nikita  
Vishwanath



Doke Sanket  
Bajrang



Gagare  
Ravindra  
Tukaram



Gawari Saurabh  
Nivrutti



Kendre Komal  
Dnyandev



Khemnar Akash  
Gabaji



Konde Madhuri  
Malhari



Kumkar Suraj  
Pandurang



Landge Shivraj  
Rajesh



Pratik Ramesh  
Lashkare



Lohale Kiran  
Sanjay



Shridhar Ashok  
Mandlik



Ogale Vishal  
Motiram



Pande Jitendra  
Sunil



Paradhi Dipak  
Kisan



Pathan Muskan  
Naushad



Pawar Tushar  
Dinkar



Pokharkar  
Prathmesh N.



Sadaphal  
Chiransh G.



Sandbhor  
Ayush Ganesh



Sangale Akshay  
Changdeo



Sarode Kiran  
Tulsidas



Sayyed  
Ehetesam J.



Shaikh Misba  
Mujib



Shete Bhushan  
Bhimaji



Dnyaneshwari  
Malhari Shinde



Shinde Mahesh  
Ashok



Tamboli  
Sakshi Santosh



Tamboli Siddesh  
Santosh



Tamboli Soheb  
Rajjak



Thorat Pratik  
Santosh



Rushikesh Khandu  
Thorat



Varhadi Akash  
Kailas



Wable Ganesh  
Ramdas



Wagh Vipul  
Rajendra



Wakchaure  
Sanket G.



Wakchaure  
Shubham V.



Walunj Sairaj  
Sanjay



Wayal Amruta  
Rajaram



Wadekar  
Shrinath Sunil



Shelake Vijay  
Mangesh



Kumkar Vinayak  
D.



Bende Subham  
Ajit



Phatangare  
Rohan Umesh



Shaikh Zarrar  
Abdul Khalid



Salunke Sunil  
Shivaji



Bhandalkar  
Shubham Sunil





**BE CIVIL ENGINEERING BATCH 2022-23**

*Inaugural function of*  
**CIVIL ENGINEERING STUDENT ASSOCIATION**

On the **1<sup>st</sup> Aug 2022** we had arranged a Inaugural function of students CESE body.

We arrange this event every year to felicitated elected members of governing body of Civil Engineering Student's Association. On this occasion we had invited Mr. Sawant Chaitan, Assistant Engineer (grade II).

This event is organized to felicitated elected members of student" bodies and so as to increase their response in extra curriculum activities.

On this Occasion Mr. Sawant Chaitan guided our students for preparation competitive exams particularly for MPSC.



## TEACHER'S DAY CEREMONY

On the 5<sup>th</sup> Sept 2022 Students of Civil engineering had arranged a function to felicitated to teachers and non-teaching staff of the department.

On this occasion students expressed their views about their teachers. All teachers were also gifted by students to express thank for teaching and guiding throughout academic year. All nonteaching staff was also gifted for their kind assistance throughout the year.



# **INAUGURATION CEREMONY OF IGS**

## **JCOE'S STUDENT CHAPTER**

Inauguration Ceremony of IGS JCOE'S Student Chapter with the blessings of Respected Tatyasaheb Gunjal, the chapter of Indian Geotechnical Society has been started today under the Civil Department of our Jaihind College of Engineering, Hon'ble Kulkarni Sir, Hon'ble Kulkarni Madam and Hon'ble Jain Madam were present as chief guests for this program on behalf of Indian Geotechnical Society.

Similarly, Chairman of the organization Hon'ble Jitendra Gunjal along with Director of the organization Hon'ble Dr. Shubhangi Gunjal and Chief Executive Officer of the organization Hon'ble Dr. Galhe Sir was present. Chief Guest Hon'ble Kulkarni Sir guided the students regarding the Student Chapter. After that, Hon'ble Kulkarni Madam guided the students in these programs.

After this, the president of this institution, Hon'ble Jitendra Gunjal guided the students. Hon'ble Secretary Vijay Gunjal as well as Treasurer Dharmendra Gunjal, Director Dr. Shubhangi Gunjal S. D. as well as Chief Executive Officer Dr. Galhe D. S., Principal Dr. Garkal D. J. guided everyone. All the teachers and students of Civil Department participated in making this program a success.



## **CELEBRATION OF ENGINEERS DAY**

On 15th Sept. 2022 Engineers day was celebrated in civil department. Engineer's day event was celebrated in presence of Chief Guests Mr. Kiran B. Jadhav, Sub Divisional Officer, Ministry of Defense, Govt. Of India and Mr. Chaitan R. Sawant, Asst. Engineer, Water Resource Department, Government of Maharashtra.

They had guided students regarding career opportunities in civil engineers in government sectors.

Mr. Kiran Jadhav shared information with students, regarding opportunities available to civil engineers in Defense sector.

Mr. Chaitan Sawant shared information with students regarding opportunities available for civil engineers in WRD and PWD in Government of Maharashtra.

The speech of chief guest has proven to be very inspiring and informative for the students.





## **SKILL BUILDING WORKSHOP ON CONCRETE**

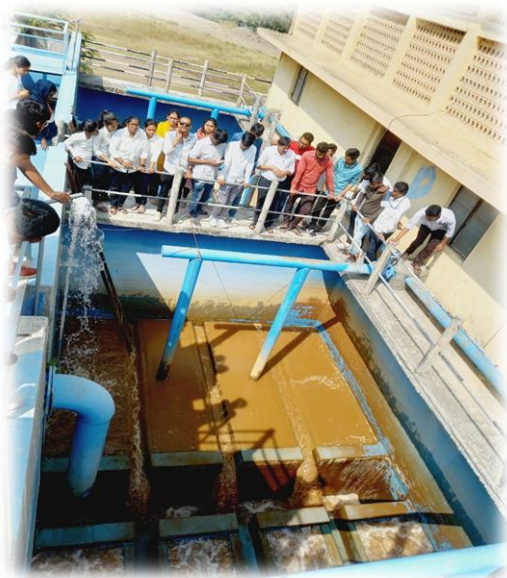
We have arranged Workshop on Skill building Workshop on Concrete for all civil engineering students, Contractor and staff on 22-09-2022 with association of Ultratech Cement Ltd, Pune. The workshop started with Saraswati puja and garlanding the statue of Respected Tatyasaheb Gunjal. After that all the Dignitaries were felicitated.

After that the chief guest Mr. Mahesh Shinde started his session. He explained about the process of making cement in very simple way. He also informed about the ingredients required for preparation of cement and machinery required for it. In the second session, He explained about ingredient require for the preparation of concrete. He tell about the all processes like concrete making, transportation, concrete placing. Curing etc.



# **INDUSTRIAL VISIT AT WATER TREATMENT PLANT**

Junnar Water treatment plant visit - This subject is introduced in syllabus and therefore we have arranged an industrial visit at Junnar Water Treatment Plant for TE Civil engineering students, staff on date 09-11-2022. Mr. Rabade M. B. present who is plant in-charge and explained the detailed working of the plant.



# **INDUSTRIAL VISIT AT RAINGUAGE**

## **STATION AT MANIKDOH DAM**

Hydrology and water resources engineering - As per above mention subject we have arranged a Site Visit at Manikdoh Dam, Junnar under the subject of Hydrology and Water Resource Engineering on Date 09-11-2022 for TE Civil Engineering students. Manikdoh dam is gravity dam constructed on Kukadi River near Junnar, Pune district. Rain gauge station is also available at Manikdoh dam. A rain gauge is a meteorological instrument to measure the precipitating rain in a given amount of time per unit area. The instrument consists of a collection container which is placed in an open area.



# GUEST LECTURE ON PILE FOUNDATION

11:15 AM

(No title)

**Types of Pile foundation**

- Based on materials used
  - Steel Pile
  - Concrete Pile
  - Timber Pile
  - Composite Pile
- Based on Mode of transfer of load
  - End-bearing Pile
  - Friction Pile
  - Combined end bearing and friction piles
- Based on the method of installation
  - Driven Pile
  - Driven and cast-in-situ pile
  - Bored and cast-in-situ pile
  - Screw pile
  - Jackard pile
- Based on Uses
  - Load bearing pile
  - Compaction pile
  - Transition pile
  - Sheet pile
  - Fender Pile
  - Batter pile
  - Anchor pile
- Based on the displacement of soil
  - Displacement pile
  - Non-displacement pile
- Under tension pile

11

Siddhartha is presenting

PRA... Vidya Nikita

You Sidd... 17 others

Call, Mute, Stop Video, Hand, More

11:08 AM

(No title)

**Pile Foundations (Pile Testing)**

LOAD STRUCTURE

PILE CAP

LOWER DENSITY

MEDIUM DENSITY

HIGH DENSITY

Pile Foundations (Pile Testing)

Siddhartha is presenting

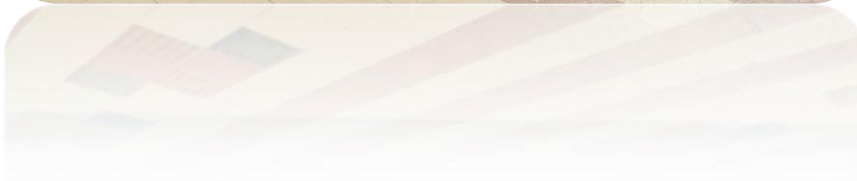
Vidya Nikita Sidd...

Siddhartha Kulkarni joined

Call, Mute, Stop Video, Hand, More

# INDUSTRIAL VISIT AT AURANGABAD

## AIRPORT



## **TECHNICAL COMPETITION OF POSTER PRESENTATION AND AUTOCAD 2K23**

Our Department organized the department level Technical Competition of Poster Presentation and AutoCAD 2K23 on date 2<sup>nd</sup> March 2023 and on the day our department organized Poster Presentation and AutoCAD event at 09:00am-4:00pm in Sir Visvesvaraya Seminar Hall. In the event 48 Students participated. Concern group of that student presented Poster Presentation and AutoCAD drawing by following all the rules with Material given by the event Co ordinator and organizers. All students' coordinator and staff members were present for the smooth conduction of that event with dedication and completed that event successfully with all respect and afterwards Prize distribution ceremony was conducted and prizes were distributed to respective winner in Final Result was as follows:

AutoCAD:-

- 1) Adsare Ankit Jitendra
- 2) Chaudhari Sarthak Balu
- 3) Tamboli Sakshi Santosh

Poster Presentation:-

- 1) Gunjal Saloni B., Waman Soham M.
- 2) Sayyed Ehetesam Javed
- 3) Borhade Siddhi M., Borhade Shivani R., Kalekar Reema V.





## **DEPARTMENT LEVEL CONFERENCE ON STRUCTURAL AND CIVIL ENGG.**

Our Department organized the Department Level Conference on Structural and Civil Engineering on date 3<sup>rd</sup> March 2023 at 10:00am-4:00pm in Sir Visvesvaraya Seminar Hall. In that conference 18 groups were participated including with our college students. Concern group of that student present their papers as per given format and with coordination of organizing committee.

All students and staff members were present for the smooth conduction of that conference with dedication and complete that conference successfully with all respect and afterwards Prize was distribution to respective winner in Final Result was as follows:

### **1<sup>st</sup> Winner**

- 1) Khandagale Akshda Sanjay
- 2) Pharate Kanchan Gajanan
- 3) Aher Gayatri Appasaheb

### **2<sup>nd</sup> Winner**

- 1) Tamboli Sakshi Santosh
- 2) Walunj Sairaj Sanjay
- 3) Tamboli Siddesh Santosh
- 4) Wable Ganesh Ramdas
- 5) Sandbhor Ayush Ganesh



## **EXTENSION ACTIVITY ON “AWARENESS AND SAFETY FOR SITE LABOUR”**

As per above mention subject we arranged Extension activity on “Awareness and Safety for site Labour” on 13-03-2023. Mr. Mayur Bhor informed to all site labour about safety equipment. He told that construction sector is an important sector and contributed significantly to national development. However, this sector possesses higher risk to accident. This is due to fact that construction site can be considered as a dangerous zone to workers and to the public. Due to the variety of cases occurs on site, the contractor will usually have to pay the cost related to accidents in the form of higher insurance premium. Despite various measures, accidents still occur at construction sites. Personal Protective Equipment (PPE) is one of the important means to protect the worker from hazards in the workplace. At lastly all the site labour were felicitated with hand gloves.



## TE CIVIL INDUSTRIAL VISIT

As per above mention subject we arranged a Industrial Visit at Waste Water Treatment Plant At Nashik , on Date 18-05-2023 for TE Civil Engineering students.

SPML Infra has designed and constructed the 70 MLD sewage treatment plant in Nashik to provide treatment and safe disposal of wastewater produced by residential colonies and commercial and intuitional establishments of Nashik city having a population of more than a million. This involves collection, primary treatment and biological treatment to make it safe for disposal. Collection of digested sludge and digested sludge dewatering system along with common chemical preparation and dosing facilities for gas production that will be utilized in biogas engines. The treatment plant is based on the activated sludge process with chlorination of the treated sewage before discharging in to the river Godavari to maintain the water level of the river during the famous Kumbh Mela.



## **BE CIVIL INDUSTRIAL VISIT**

As per above mention subject we arranged a Industrial Visit at Pawana Dam, on Date 21-04-2023 for BE Civil Engineering students. Pawana Lake, also known as Pawana Dam. Pawana Lake, is a reservoir turned artificial lake in the Indian state of Maharashtra, formed by the Pawana Dam across the Pawana River in Pune district. The reservoir is 25 km from Lonavala and is increasingly getting popular as picnic and camping site for visitors from Pune and Mumbai.



# GUEST LECTURE ON CONSTRUCTION

## TECHNOLOGY

As per above mention subject we arranged a Guest Lecture on Innovative Construction Technology for Detection of structural omission and Rehabilitation requirement for SE, TE, BE Civil engineering Students, Staff and on Date 25-04-2023 . Mr. Shrikant Sawalkar and Mr. Sunil Vharamble Had started his session with his brief introduction and regarding the different domain Innovative Construction Technology for Detection of structural omission and Rehabilitation requirement field.



## **GUEST LECTURE PHOTOGRAPHS**



Guest Lecture on “Aspect in valuation for Civil Engineering”  
Guest Name – Mrs. Namrata Shinde



Guest Lecture on “Career guidance about GATE and MPSC exam”  
Guest Name- Mr. Kulkarni Akshay





Guest lecture on “Career guidance in private sector”  
Guest Name- Mr. Shelke Gaurav



Guest lecture on “Career counseling program for Civil Engineering Students”  
Guest Name- Mr. Rishabh bafana

# TECHNOSPARK 2K23



# STUDENTS ACHIVEMENT



2<sup>nd</sup> Prize in Techconcrete event (JCOE)



1<sup>st</sup> Prize in Model Making event (JCOE)



2<sup>nd</sup> Prize in Model Making event (JCOE)



1<sup>st</sup> Prize in Techconcrete event (JCOE)



2<sup>nd</sup> Prize in Departmental level conference (JCOE)



1<sup>st</sup> Prize in Technophillia event (JCOE)



2<sup>nd</sup> Prize in Technophillia event (JP)



1<sup>st</sup> Prize in Techconcrete event (Pune)



Girls Kabbadi Winning Team

# SPORTS AND GATHERING

## PHOTOGRAPHS





**Thank you...**