



शासकीय तंत्रनिकेतन, जळगाव

G.P.J.

C

E

S

A

CIVIL DEPT.

MAGAZINE (2023-2024)

Shruti
21/07/23
-SHRUSTI SONAR.

VISION

To develop professionally competent Diploma Civil Engineers for sustainable socio-economic development capable of managing the resources with qualitative approach.

MISSION

- Imparting quality education to meet the expectations of industry in society.
- Developing infrastructure, facilities, amenities and state-of-the-art laboratories.
- Pursuing learner centric teaching-learning processes through continuous development of faculty.
- Providing platform to students for their personal and professional development
- Nurturing positive attitude and social values amongst students and staff.
- Inculcating competencies by providing hands on experience of various skills and processes.

❖ CORE FACULTY



DR. PARAG M. PATIL
(Incharge Principal/HOD First Shift)



SHRI. R. Y. PATIL
(HOD Second Shift)



SMT. YAMINEE PATIL
(Senior Teacher)

START OF CESA



IDEOLOGY OF CESA

WHAT IS THE CORE REASON FOR FORMATION OF CESA -

CESA is the step that we have taken towards empowerment & development of the hidden skills that we all have in us but somewhere we do not exercise them. Thus, to harness those skills and to empower our youth, we came out with the formation of CESA committee which allows every student to exploit their skill set which ultimately leads to development of youth and the nation.

**THIS MAGAZINE IS INFLUENCED & POWERED BY
CESA...**

--CESA Core COMMITTEE--



**-PRESIDENT-
HARSHAL JAGYASI**



**-VICE PRESIDENT-
VIVEK SONAWANE**



**-GENERAL SECRETARY -
GAURI KULKARNI**



**-JOINT SECRETARY-
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**-MAGAZINE EDITOR-
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SWARALI KULKARNI**



**-TREASURER-
OM VAISHNAV**



**-JOINT TREASURER-
MANSI DESALE**



**-DISCIPLINE HEAD-
PARTH BHAGAT**



**-DISCIPLINE HEAD-
NIKHIL PATIL**



**-DISCIPLINE HEAD-
NIKHIL SABALE**



**-DISCIPLINE HEAD-
DEVESH PAWAR**



**-DECORATION HEAD-
DIVESH SALUNKHE**



**-DECORATION HEAD-
VIJAY BARI**



**-DECORATION HEAD-
TEJAL TAYADE**



**-CERTIFICATE HEAD-
PRATIK GAIKWAD**



CERTIFICATE HEAD- LIKHIT WANI



CERTIFICATE HEAD-ROHIT JADHAV

EVENTS ARRANGED BY DEPT-

ENGINEERS DAY CELEBRATION

DATE:- 15-07-23

THIS WAS THE FIRST EVENT ORGANIZED BY CESA ON ENGINEERS DAY CESA WAS INAUGURATED, ALL CESA MEMBERS WERE FELICITATED AND ON ENGINEERS DAY ALL TEACHERS GIVEN STUDENTS SOME WORDS OF WISDOM BASED ON THEIR LIFE EXPERIENCES AND TOLD US THE IMPORTANCE OF AN ENGINEER AND TOLD US ABOUT DUTIES AND RESPONSIBILITIES OF AN IDOL ENGINEER...

SOME STUDENTS ALSO GIVEN SPEECH. ON THE SAME DAY QUIZ COMPETITION AND POSTER COPETITION WAS ALSO ARRANGED AND WINNERS OF QUIZ AND POSTER COMPETITION WERE GOT FELICITATED ON THE SAME DAY BY GIFTS AND CERTIFICATE AND ALL PARTICIPANTS ALSO GOT CERTIFICATE AND THE DAY BECAME MEMORABLE...



EXPERT LECTURE -



GUEST LECTURE ON ENVIRONMENT AWARENESS AND SOLID WASTE MANAGEMENT

Date:- 5/1/2024

Expert lecture of 'environment awareness' was arranged by civil Department for 2nd and 3rd year students to aware the student about how to collect, store, and safely dispose the waste generating in our home society and surroundings. The expert speaker for this lecture were Dr. Geetarjali kaushik were from IIT Dehli who received many awards and have full knowledge in this field

Mam told us about...

Their experienced and Information about air pollution, causes of air pollution and various things like, Effect of air pollution, percentage of air pollution in various states, preventive measures of air pollution. she explained role of students to protect the environment. After session they ask some general questions and those students give answers to them, got felicitated by them

Students get valuable information about environmental awareness which will help society to save nation..

The road to success is always under Construction...

In this section all the creativity of students of our department is shown....

Models made by students, poetry and articles written by them and drawings made by them are show here...



-Aparna bari

DRAWINGS



-Priyanka Wani

दि. २२-१-२०२४



-Pranav Supe







- Shweta Patil





- Divesh Salunkhe



-Unnati Sonawne

SKETCHES

[HISTORY OF SKETCHES]

Throughout the Middle Ages and into the Renaissance period, sketching was linked to ancillary crafts. The greatest draftsmen were also distinguished painters, sculptors and architects. In the workshops of craftsmen, drawing multiple drafts served the iterative realisation of creative concepts.





-Swarali Kulkarni

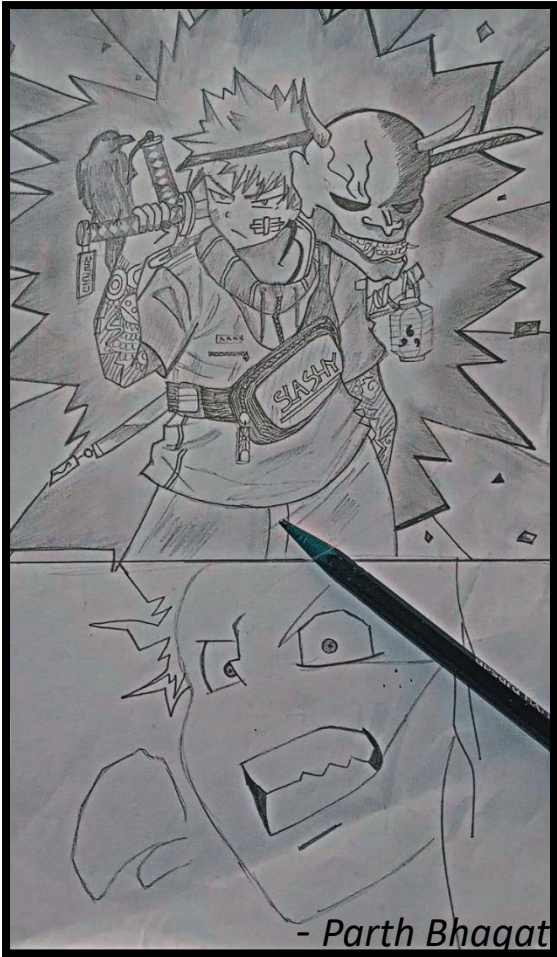
- **DOODLE ART**

DOODLING REFERS TO DRAWING, SKETCHING, OR SCRIBBLING IDLY, WHILE A PERSON'S ATTENTION IS OTHERWISE OCCUPIED. THEY ARE BASIC SKETCHES THAT MAY HAVE CONCRETE RELEVANCE FOR REPRESENTATION OR CAN BE ABSTRACT SHAPES. TYPICALLY, THESE HAND-DRAWN FORMS ARE A PRODUCT OF ANGER, EXHAUSTION, AND STRESS.

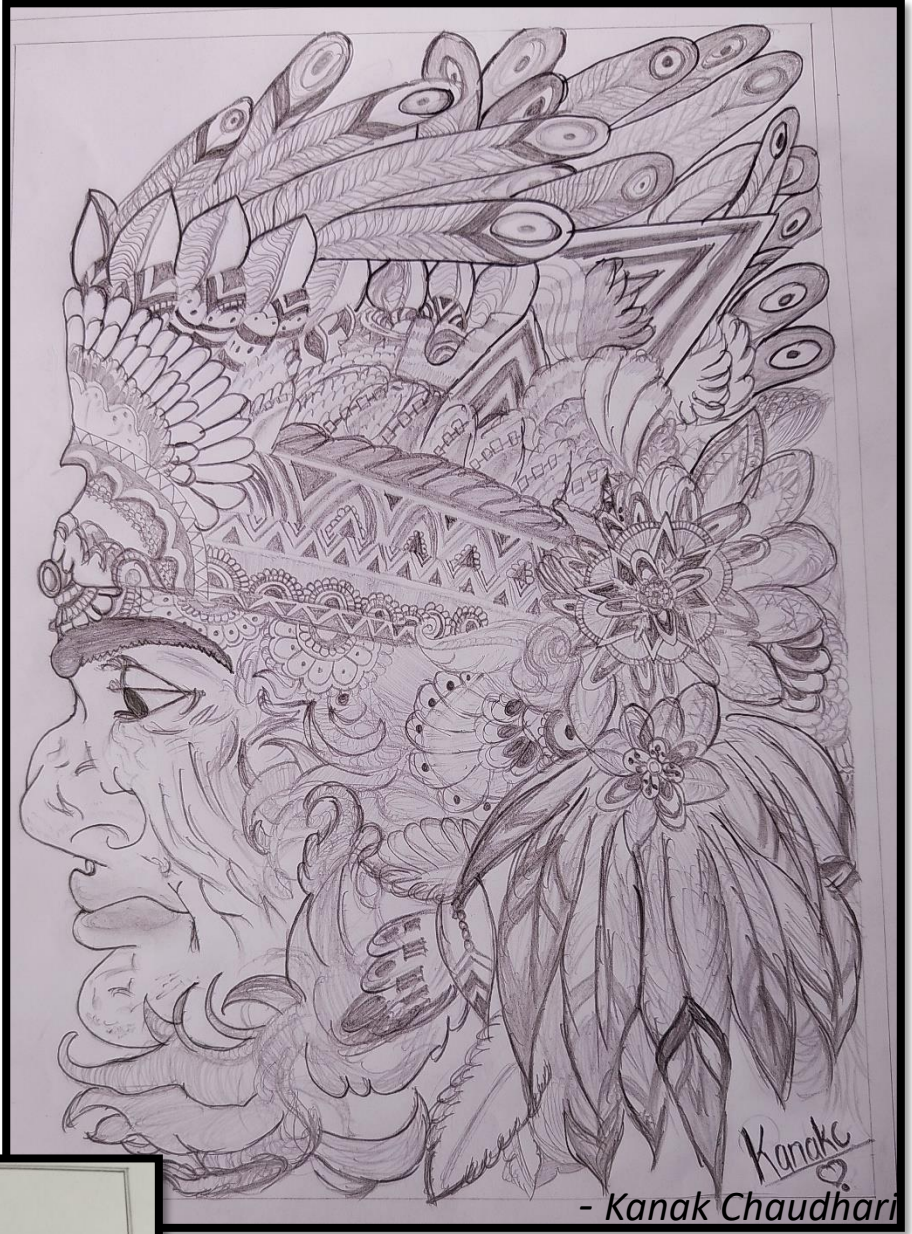


Doodle art

-Akshada Nerpawar



- Parth Bhaqat



Kanake
- Kanak Chaudhari



- Mokshada Anil Patil



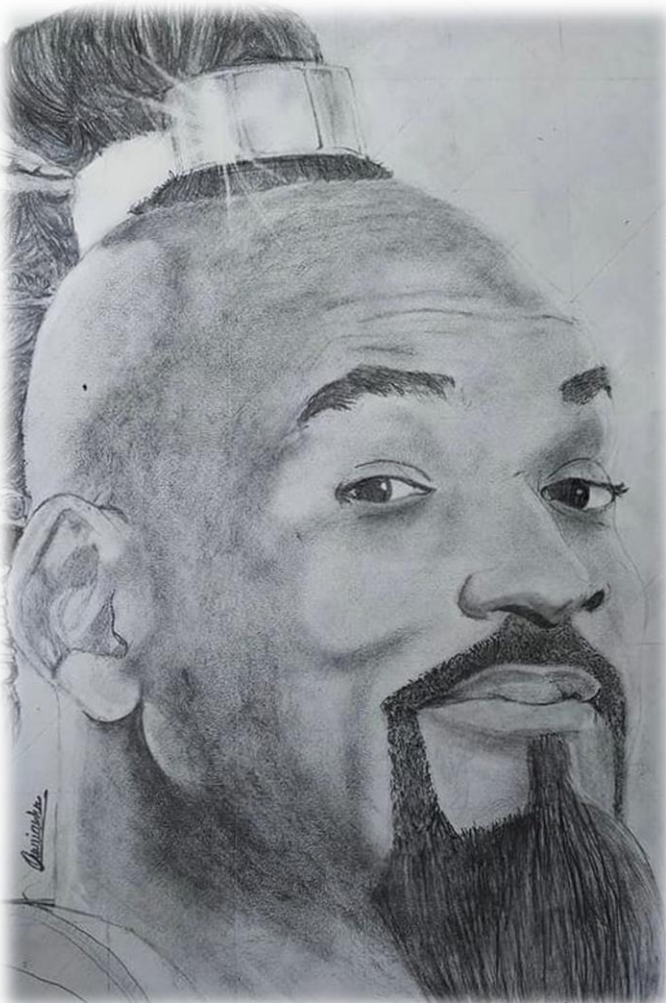
- Jagruti Fuse



- Diya Jumnake



- Namrata Jaware



- Om Vaishnav



- Vijay Bari



“The Transformative Impact of the Internet”

THE transformative impact of the Internet is profound, reshaping the fabric of society across various domains. From a personal perspective, the Internet has revolutionized how we access and disseminate information. The ability to connect instantly with people worldwide has not only accelerated communication but has also democratized knowledge. In the realm of education, online resources and e-learning platforms have democratized access to information, breaking down traditional barriers to learning. It has empowered individuals to pursue knowledge at their own pace and from diverse sources.



In the professional sphere, the Internet has catalysed a shift in the way business is conducted. Remote work, facilitated by digital communication tools, has become a norm, enhancing flexibility and inclusivity in the workplace. Additionally, e-commerce has flourished, offering unprecedented convenience and access to a global marketplace. On a social level, the Internet has redefined how we connect and interact. Social media platforms have become central to socializing, information sharing, and activism. While this connectivity fosters a sense of a global community, it also raises concerns about privacy, misinformation, and the impact of echo chambers.

Yet, challenges persist, including the digital divide that exacerbates existing inequalities. Access to the transformative benefits of the Internet remains uneven, posing a risk of leaving certain populations behind. In essence, the Internet’s transformative impact is a double-edged sword. Its benefits are immense, fostering innovation, collaboration, and connectivity. However, addressing the challenges it presents, such as ensuring universal access and navigating the ethical implications of technology, is crucial for harnessing its full potential responsibly.

- Dnyaneshwari Patil



मेरे सपनों का भारत...

मेरे सपनों के भारत में मैं देख रही हूँ कि, मैं एक सड़क पर चल रही हूँ। सड़क भी कैसी.. पक्की, काली काली, चमकती हुई, एकदम साफ सुथरी, कहीं भी गंदगी नहीं, कुड़ा कचरा नहीं, कागज के तुकड़े भी नहीं, रास्ते के दोनों तरफ ये बड़े बड़े पेड़, झाड़ियाँ, जिससे मुझे धूप महसूस ही नहीं हो रही है। मैं चलती रही, चलती रही गांव से शहरों तक शहरों से मेट्रो सिटी तक एक ही जैसा ना कुछ फरक ना कुछ इधर का उधर। सब एक जैसा समान गांव कौनसा और शहर कौनसा कोई पहचान ही ना सके एक जैसी इमारतें, एक जैसी सड़कें, एक जैसे घर, ना कोई सीमा, इधर से उधर जाने में ना कोई झंझट। गांव की स्कूल में झांका, तो सभी स्कूल 'डिजिटल' बने हुए हैं। हर एक बच्चा हर एक 'लैपटॉप' पर काम कर रहा है। लैपटॉप में देखा तो कोई-भी गेम नहीं खेल रहा, अच्छी-अच्छी बातों का ग्यान बटोर रहे हैं। कुछ बच्चे अच्छी-अच्छी किताबें पढ़ रहे हैं। जिससे उनके ज्ञान की वृद्धि हो। बच्चों को खेल-कूद भी सिखाई जा रही है। कहीं भी टीचर की डांट नहीं सुनाई दी, या बच्चों का शोर नहीं। बच्चों को वहाँ बाकम, शिल्पकला, पाक कला, जिसको जिसमें रुची हो ऐसी कलाएँ जैसे नृत्यकला, गायन कला, आदि कलाएँ सिखाई जाती हैं। ना कोई अक्वल नंबर लाने की अभिलाषा, ना एक दुसरे को कम समझने की भावना, सभी जगह आनंद ही आनंद है। स्कूल से बाहर निकले तो सभी लोग अपने-अपने कामों में मशगूल, अपने-अपने काम निपटाने की जल्दी। ना किसी काम की टेन्शन, ना कोई सिरदर्द। सभी लोग अपने-अपने काम हस्ते-खेलते खुशी से कर रहे हैं। ना कहीं झगडा हो रहा है और ना ही कहीं मारपीट हो रही है। ना दिखा कोई धर्म, ना कोई जाती भेद। सिर्फ इंसान ही एक पहचान। सभी लोग आपस में मिलजुलकर रह रहे हैं। ना कोई गरीब हैं और ना कोई अमीर। कहीं चोरी-चपाटी नहीं, लूट मार नहीं। जिसके उसके काम का दाम बराबर मिल रहा है। हर एक आदमी खुश है। बहुत सारे पेड़ लगाये गये हैं, उसके कारण अच्छी वर्षा हो रही है। खेती भी हर-हरियाली हो रही है, जिससे किसान खुश है। अभी किसान खेतों में रासायनिक औषधी नहीं डालते, जिसके कारण कोई बीमार नहीं पडता। बड़ी-बड़ी गाड़ियों में natural gas इस्तेमाल किया जाता है। प्रदूषण नहीं फैलता। उसके कारण ना कोई गंदगी, ना कोई प्रदूषण। कोई बिमार नहीं पडता। कॅन्सर जैसी बीमारियाँ तो सिर्फ किताबों में ही पढ़ने को मिलती है। ना कोई राजनैतिक पक्ष है और ना कोई नेता। लोकतंत्र के आधार पर देश जनता चला रही है। गांव-गांव में अभी सिर्फ भगतसिंह, राजगुरु जैसे क्रांतीकारी, बड़े समाज सुधारक, बापूजी जैसे महान नेता, अब्दुल कलाम जैसे वैज्ञानिक, स्वामी विवेकानंद जैसे विचारवंत, इनके पोस्टर और उनके कार्य आदि के 'होर्डिंग' लगाए जाते हैं। जिससे उनकी यादें हमें हमेशा देश भावना जगाती रहेंगी। हमारा देश हर एक खेल में अभी अक्वल आता है। हमने विज्ञान में भी बहुत प्रगति कर ली है। हम अभी चाँद पर भी यूँ ही घूम आते हैं। भारत की जनता के मन में देश के लिए लड़ने वाले सैनिकों के लिए बहुत ही आदर है। उनके अच्छे आरोग्य के लिए प्रार्थना की जाती है।

- Kanak Chaudhari

क्यों कैसा लगा मेरे सपनों का भारत? अच्छा है ना? तो कैसे ना बनेगा मेरा भारत महान.....!



- ज़िंदगी

बचपन मे बड़े होने का ख्वाब दिखाके,
ले आई तू मुझे कहापे।
बीते हुए पल्लो को याद कराके,
रुने से तू मुझे रुकाके।
ऐ ज़िंदगी तुझे जीना आसान बना दे।।

माना कि पहले जैसे हम भी ना रहे,
हालातो ने जज़्बात ही ऐसे बनाये।
परार्यो को अपना बनाके,
करिबो को दूर कराके।
ऐ ज़िंदगी तुझे जीना आसान बना दे।।

फिरसे मुझे तू रुकने ना दे,
हालातो से तू डरने ना दे।
परेशानियां आते ही गिरने ना दे,
तुझे जीने की कोई तरकीब ही बता दे।
ऐ ज़िंदगी तुझे जीना आसान बना दे।।

जो चाहु वो आसानी से मिलने ना दे,
कदर करना मुझे तू सीखा दे।
सही और गलत का एहसास दिलाके,
सही राह पे चलना मुझे तू सीखा दे।
ऐ ज़िंदगी तुझे जीना आसान बना दे।।

- Rohini Patil

सैनिक

सैनिक करताल धाडस खूप मोठं,
पण त्यांचं ही असतं एक कुटुंब छोटं ॥१॥
सैनिकाचे काम हे आहे, अतुलनीय
जे सगळ्यांसाठीच असते अविस्मरणीय ॥२॥
झाले हल्ले किती, घुसल्या गोळ्या किती
पण सैनिकाचे धाडस असे की, या साऱ्याची
त्याला वाटतच नाही भीती ॥३॥
सैनिक म्हणतात थंब थंब रक्ताचा पडे या धरणी
जो अर्पियेला आम्ही मातृ भूमीच्या चरणी ॥४॥
आई सैनिकाची म्हणते आम्ही साजरी करत नाही होळी,
कारण माझ्या बाळाच्या उरात लागते गोळी ॥५॥
सैनिक मानतात मातृभूमीला माता,
आणि म्हणूनच ते म्हणतात,
चला शत्रु विरुद्ध शस्त्र घेऊया हाती ॥६॥
सैनिक म्हणतात बघ ना आई वेळ आज कर्शी, वैरीण झाली,
तुझी भेट न घेताचं माझी जाण्याची वेळ आली ॥७॥
धन्य अशा माऊली , धन्य अशा माऊली
जिची पडली तिच्या बाळावर अशी ही सावली ॥८॥

लेखक :- गौरी जयेश कुलकर्णी



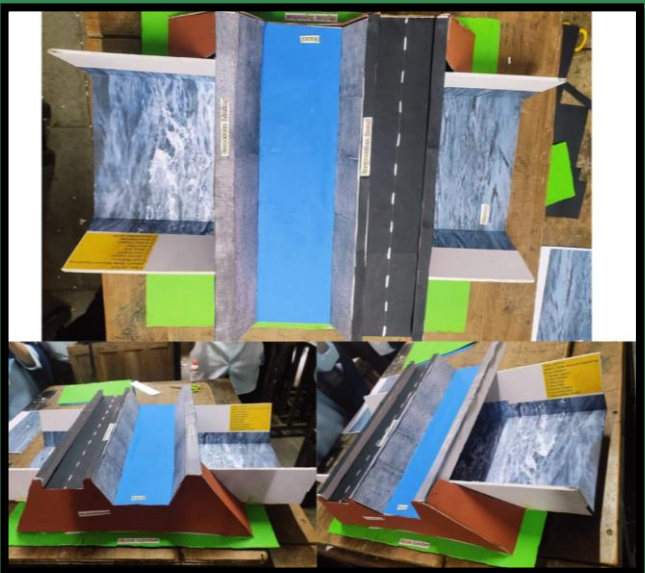
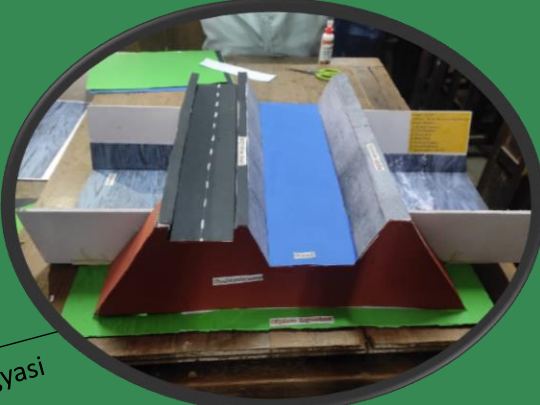
MODELS...

1. Dam Project Model



Made By-- Mohit Kongale
Niranjan Savdekar
Harsh Pardeshi
Juned Tadavi
Bhushan Patil

2. Syphon Aqueduct



M
A
D
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B
Y

Harshal Jagyasi
Gauri Kulkarni
Mansi Joshi
Krishna Chugeja
Dhruv Patil
Krunal Dabhade

3. Components of Drip Irrigation



Made By--
 Pratik Patil
 Gaurav Mahajan
 Shivam Nathe
 Lilesh Saindane

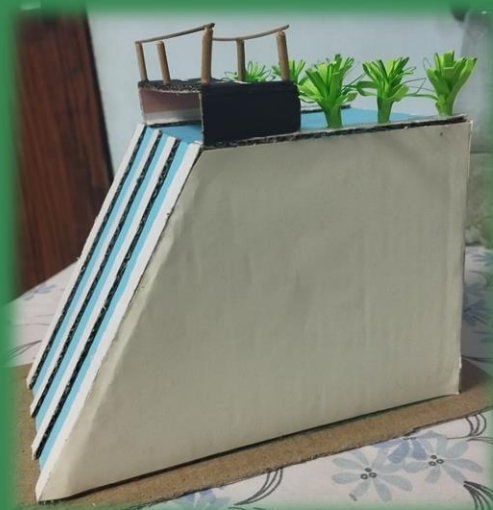
4. Gravity Dam

Made by--

- Disha Chavan
- Divesh Salunkhe
- Mansi Patil
- Vaishnavi Khambayate



5. Spillway



Made by...
 Parth Bhagat

EDUCATIONAL VISITS....

VISIT OF 2ND YEAR STUDENTS-

Date:- 14 oct. 2023

This was first site visit of 2nd year students which was taken under subject building construction students were taken to visit two sites...

In this visit Students got very valuable information about building construction process by the site engineers. Principal sir also given us valuable information about building construction

On site visit main information given to students was about scaffolding and formwork...

Students seen practical example of scaffolding and formwork and get known about their use...

Other than this, students also get to known about cavity wall, and also get some idea about plan reading...

At last principal sir give bouquet to the engineers as a thanking for giving us their valuable time... and visit got successfully done.

Visit at Building Construction Site>>



Visit at Highway Construction Site>>



VISIT OF 2ND YEAR STUDENTS-

Date:- 14 oct. 2023

This was 2nd site visit of 2nd year students which was taken under subject Highway Engineering, students were taken in front of college.

The repair work of the road was undergoing and students known about repair work of roads there appointed engineers given them all information about procedure of repairs...

principal sir also given students about the same...

and visit got successfully executed...



Visit at Water Treatment Plant>>

VISIT OF 3RD YEAR STUDENTS-

Date:- 25-08-2023

The visit was arranged by the civil department for third year students under the subject public health engineering. The visit was arranged to the water treatment plant, Umala.

Their in-charge engineer sir told students very valuable information about the water treatment process and what are the various units in the water treatment process. Students noted it down....

They told us how water is carried out from the source and how it is transferred and what cost is required to treat and purify water...

Also shown to us what tests are performed in the laboratory to check the quality of water..

At last sir told us to properly use water and to avoid wastage and aware other people also about the same and the visit was successfully executed...



Visit at Waghur Dam>>



VISIT OF 3RD YEAR STUDENTS-

Date:- 18-10-2023

The visit was arranged by the civil department for third-year students under the subject water resource engineering. The visit was arranged to Waghur Dam.

Their in-charge executive engineer sir told students very valuable information about the dam. They showed students the inspection gallery and told them about each and every component part's functions... they also told us how to control over flooding water...

They cleared us about the purpose of Waghur Dam, source of water i.e. catchment area, and also told us about its command area....

At last, they had arranged a delicious lunch for all students. After lunch, we thanked them from the college side and returned back to college...





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Photos captured during Site visits...

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Science is about
knowing,
Engineering is about
Doing.