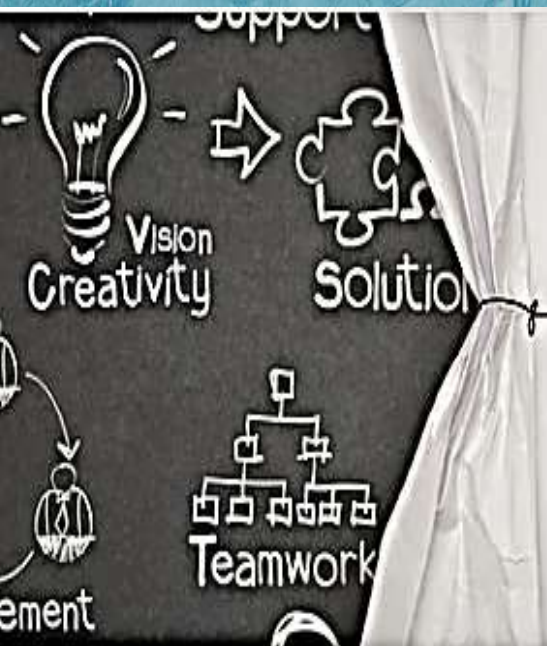




# E-Magazine

Issue 18, January, 2021





# MARATHWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

*Publishing*

**E-MAGAZINE**

**JANUARY 2021**



**SUCCESS**

**TECHNOLOGY**

**CREATION**

**INNOVATION**

**MIT**

**DESIGNERS**

**ACHIEVERS**

**LEARNING**

*Campus Chronicle.....*

**21 January 2021 : Mazi Vasundhara e-pledge**

With the direction from the principal sir and vice principal sir, 'Mazi Vasundhara-MITRA' e-pledge campaign run by Environment & Climate Change Department, Govt. of Maharashtra is taken by the NSS students and coordinators, faculties and students from various departments. Around 30 students have taken the e-pledge individually



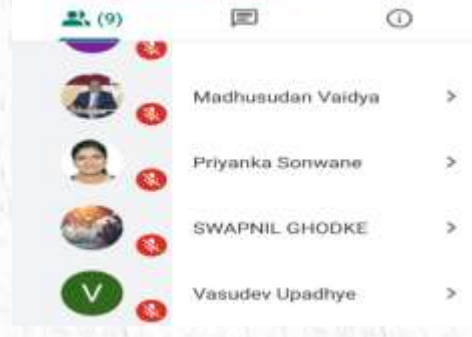
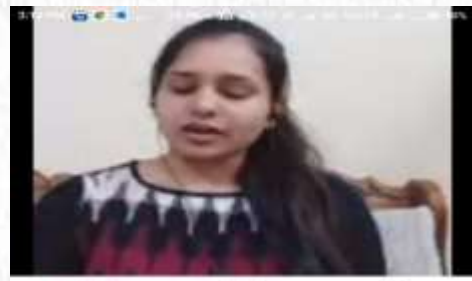
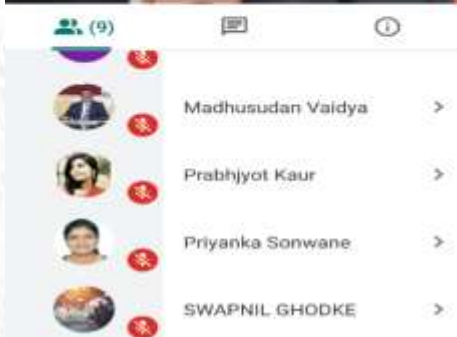
## *N.S.S Activity.....*

**23 January 2021 : 125<sup>th</sup> Birth anniversary of 'Netaji' Subhash Chandra Bose**

On the occasion of this 125<sup>th</sup> birth anniversary of Netaji, NSS Team have arranged the competition as like Digital poster preparation and elocution competition. The competition was specific to the NSS enrolled students due short period of time. Four students were voluntarily participated in the elocution competition.

Two students namely Swarali Varma and Prabhjyot Kaur have delivered a wonderful speech on the topic like 'Inspiration from Netaji for today's generation' and 'Struggling life of Netaji'.

Prof. V. R. Upadhye from Civil Engineering Dept. was called as the judge for the elocution competition



**25 January 2021 : National Voters Day**

On the occasion of Foundation day of Election Commission of India (ECI) which is celebrated as ‘National Voters day’.

The theme for this year as ‘Making our voters empowered, vigilant, safe and informed’ envisages active and participative voters during elections. It also focuses on ECI’s commitment towards conducting elections safely during the COVID-19 Pandemic.

This theme is circulated online to our students and faculties through social media like Whastapp, etc.

# *First Year Induction Program...*

## **Department of Architecture**

To make the new students aware about the environment of Institution, the first year induction program was conducted in the department under the guidelines specified by the BATU University. Academic session for First year architecture students admitted in Jan. 2021 has been conducted online from 14<sup>th</sup> Jan. to 22<sup>nd</sup> Jan 2021. Various activities to unleash and refine student's talents were conducted.

The online program was inaugurated by the address of honorable principal Dr. Nilesh Patil Sir, HoD Prof. Kuldeep Bhatia welcomed all the students with her warm encouraging words . Introduction session of students was conducted by Prof. Pranita Pranjale.

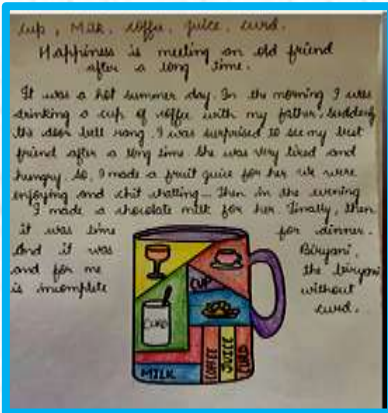
During these one week schedule department organized different interactive activities for students with following objectives :

- To enhance the creativity through the skills like observation, writing and sketching;
- To unleash their knowledge of structural systems;
- Module/ object designing;
- To explore the creativity of students in the form of story or poetry;
- To inculcate environment awareness;
- To think and present their thoughts graphically;
- Ability of understanding of shapes and forms.

*Events .....*

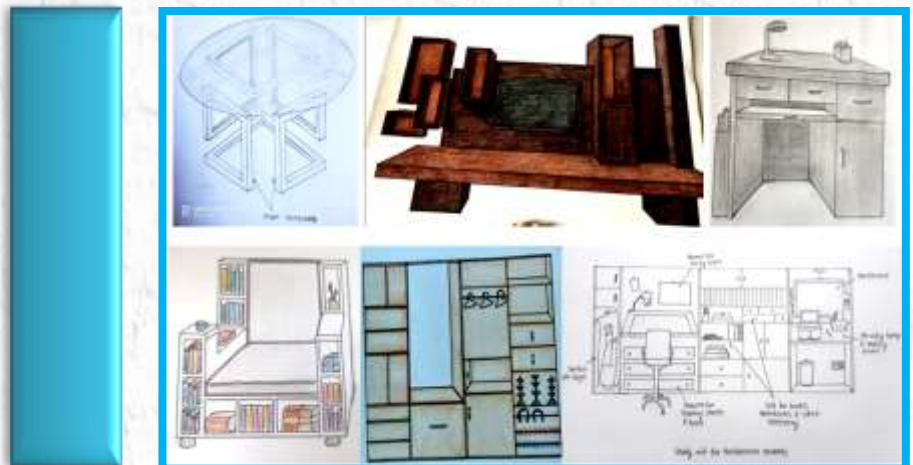
# First Year Induction Program...

## Glimpses of Departmental Events .....



### Architecture

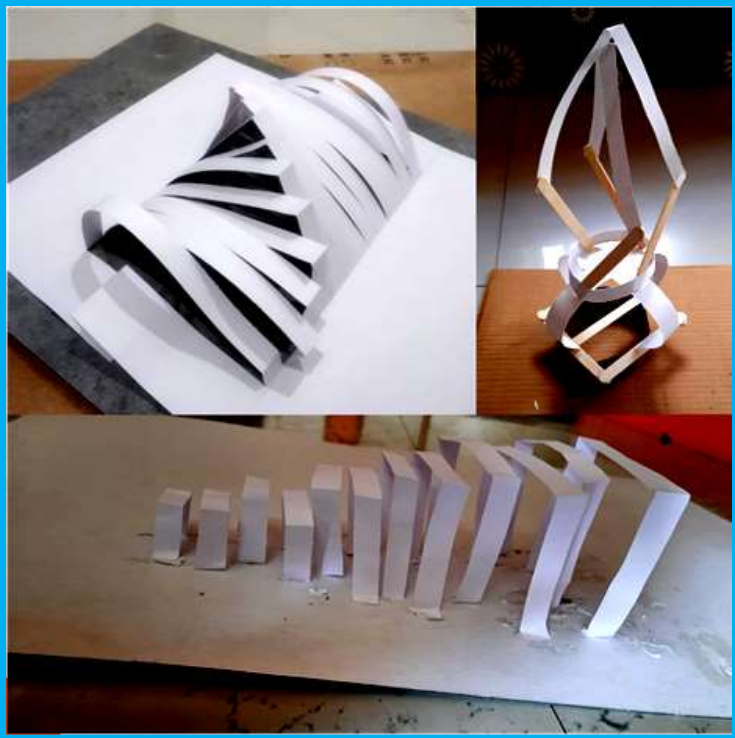
- Much like a painted masterpiece architecture is an art form that has the ability to delight, inspire and transform.





# First Year Induction Program...

## Glimpses of Departmental Events .....



## Events .....

### Student Association EMIT Selection

Student's association by the name **EMIT** selection process began with the collection of online application of 27 students on 06/11/2020. Based on the applicant's strengths Dr. S. M. Badave and faculty member Prof. S.S.Kohli decided the association members. The aim of this Association formation was to select a team which could work together for the betterment of Department in both technical and non-technical activities. The candidates had filled their nominations submitted through google form and later attended a meeting to have a discussion on the applications. The results of the association were declared on 15/12/2020 on the basis of the response of students as below:

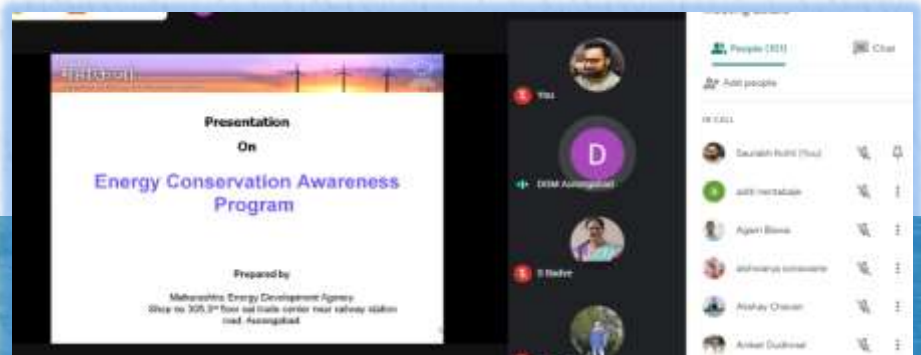
| Sr. No. | Post                      | Name of the student            |
|---------|---------------------------|--------------------------------|
| 1.      | President                 | Aishwarya Sanjay Sonawane (BE) |
| 2.      | General Secretary         | Suyash Wagh (SY)               |
|         |                           | Sanskruti Wagh (TY)            |
| 3.      | Treasurer                 | Shweta Sawant (TY)             |
| 4.      | Career Guidance Secretary | Sanjana Raut (TY)              |
| 5.      | Wall Magazine Team        | Prabhjyot Kaur (TY)            |
|         |                           | Sushil Ghogre (SY)             |
|         |                           | Prajakta Nandkumar Lad (TY)    |
| 6.      | Sports Secretary          | Anirudh Shirgude (TY)          |
|         |                           | Sarvesh Kolapkar (SY)          |

### Energy Conservation Awareness Program

The Department of Electrical Engineering under the guidance of Dr. S.M.Badave, Head of Electrical Department, had organized an Energy Conservation Program in association with Maharashtra State Development Agency (MEDA) on 19/12/2020. This program was organized on behest of Energy Conservation Week from 14th December to 20<sup>th</sup> December to create awareness among the participants. The speakers of the program were Mr. Vikas Rode, Divisional General Manager, MEDA and Mr. Vijay Kale, District Manager, MEDA. The program begin with a preamble by Prof. S.S.Kohli followed by a speech by Dr. S.M.Badave on Energy Conservation awareness. After which the speaker had spread awareness on the following points:

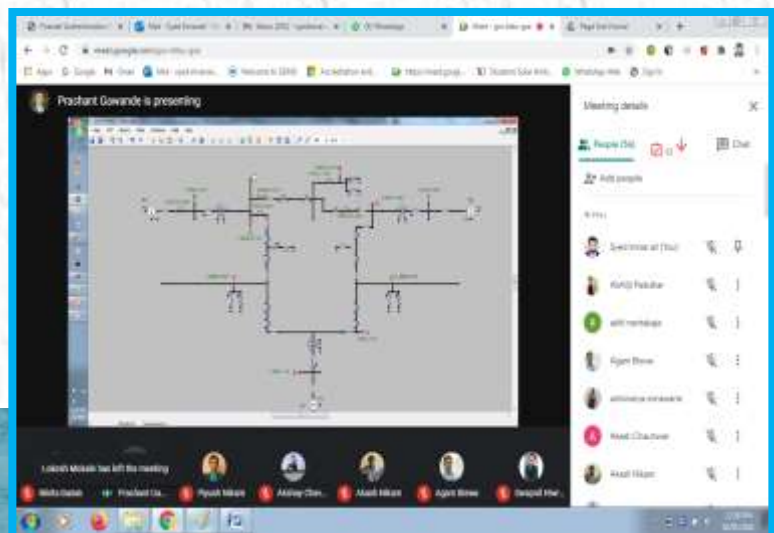
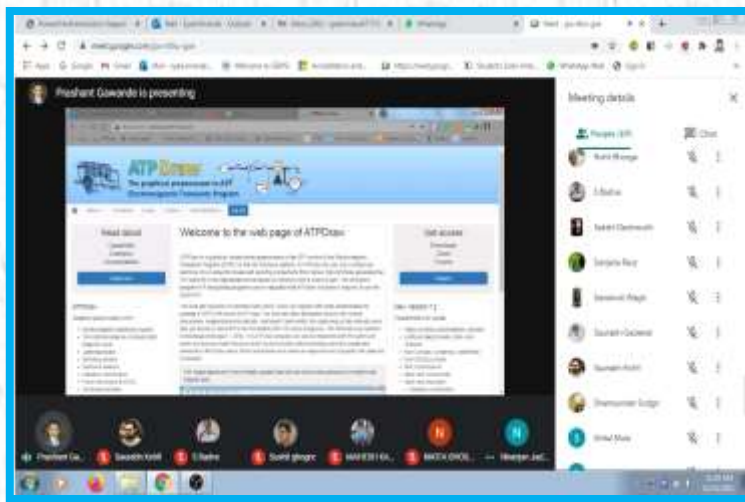
- Concept of Electricity Generation
- Fossil Fuel – World's and India's reserves.
- Energy Scenario of the State.
- Need for Energy Conservation.
- Potential for Energy Conservation in state.
- Discussion of Energy Conservation Act – 2001
- Energy Conservation Schemes.
- Initiatives taken by MEDA.
- Certification of Energy Managers and Auditors.
- Tips for Energy Conservation in Domestic Sector.

Over 100 participants both students and industry professionals attended the seminar.



## Department of Electrical Engineering

- Examples of Network Analysis problems on Resistance and Inductance connected to DC source and executing and observing this network through X-Y plot and the result in the form of waveforms were also demonstrated.
- Load flow analysis of 9 bus system and analysis on the construction of this SLD in ATP-EMTP Software was also provided.
- Students interacted in the question and answer session to get their queries resolved.
- 61 participants participated in this workshop.



### Power System Analysis using ATP-EMTP Software

A one Day Workshop was conducted for the Electrical Engineering students, Faculty and research fellow, to enhance the practical Knowledge in the field of power system analysis using new open source software ATP-EMTP. The workshop was organized by Electrical Engineering Department, MIT(E) Aurangabad in coordination with College of Engineering, Pune, through online mode and platform used was google meet. The workshop was coordinated by Prof.Syed Imran Ali and Prof.Shital Mule under the guidance of HOD EE Department Dr.S.M Badave.

The following are the details of the workshop:

- The session began with the inauguration of the workshop in the online mode through google meet platform .
- The program was inaugurated by the HOD of EE Department Dr. S.M.Badave, Prof.Syed Imran Ali, Prof. Shital Mule, Prof. S.S.Kohli and Prof. Prashant Gawande along with the all participants.
- Prof. Prashant Gawande started the session with an introduction to ATP-EMTP software for power system analysis.
- ATP (Alternative transient program) and EMTP (Electromagnetic Transient Program).
- Explanation on how to download and install the ATP-EMTP Software from website was provided.
- Demonstration on all the tools of Library and how to access that, for practical purpose was provided.
- Options like Linear, Non Linear circuit elements AC, DC Sources as a tool which is used for Simulation were also discussed.

**Organized A Webinar on “System on Chip design”**

**Date- 30 / 1 / 2021**

Coordinator- Mrs. Neeta Pingle

Class- TY + BTech

A Webinar on **System on Chip design** was arranged by Department of Electronics and Telecommunication Engineering on 30<sup>th</sup> January 2021 for Final year & Third year students between 11.00am to 2.00pm . Mr.P.R.Sivakumar, CEO from **Maven Silicon VLSI Training Center, Bangalore** had guided students in the field of System on Chip design. Total 37 students and 5 faculties attended this webinar.

VLSI is the most sought field for job oriented skillful engineers in current Industry scenario. Maven silicon had put a bright light on opportunities and demands in the field of VLSI Design , verification as well as Testing.

After Webinar a short objective test was conducted to test knowledge of students and online certificates were issued.

## Department of Electrical Engineering

### State Level Award for excellence in Energy Conservation and Management

MIT Aurangabad, won the **First prize** in 15<sup>th</sup> State level award for excellence in energy conservation and management by the Maharashtra Energy Development Agency (MEDA). The MEDA award is conferred to the facilities and units that take extra efforts for efficient utilization and management of energy. Also efforts in conservation of energy and focus on alternative sources of energy are counted as a parameter for presenting the award. MIT, Aurangabad has constituted 'Energy Cell' to undertake several projects and to create awareness of energy conservation among the students, faculty and society. To conserve the electrical energy, MIT, Aurangabad has installed renewable energy sources on campus, such as 35kVA Gasifier and 350kWp roof Top Solar System, which fulfills 40% electricity need of MIT. MIT, Aurangabad has also extended Efforts in technology. Dr. S.M. Badave, Head, EEE Department and Prof. S.N. Pawar are the key faculties from MIT, Aurangabad for implementing these green energy conservation changes in MIT, Aurangabad.. Hon. Dr. Y A Kawade, President, G.S. Mandal, Aurangabad, MIT Director General Prof. Munish Sharma, MIT-E Principal Dr. Nilesh Patil, and all faculties congratulated Dr. S.M.Badave, Head, EE Department and her team members for winning this prestigious award.

Also a star trophy for being consistent winners in this category was provided to G.S.Mandal , MIT Aurangabad



# *Achievement -Students....*

## Department of Electrical Engineering



G.S. Mandal's Marathwada Institute of Technology's Team Squadron has achieved AIR 11<sup>th</sup> in Presentation and overall AIR is 18<sup>th</sup> in e-BAJA 2020 competition organized by SAE INDIA. Over 50 teams from all over India participated in e-BAJA Preliminary round to present their virtual prototypes of e-vehicle. The Preliminary was held on the 13<sup>th</sup> and 14<sup>th</sup> of December 2020 on online platform. Team has scored 63.4 Points in presentation.

This time the format for the event had changed. BAJA introduced preliminary round for the first time on digital platform. These marks will be carried forward in Dynamics.

The students from Electrical Department with their captain Rishikesh Gaikwad and team members Piyush Nikam , Pratibha Lahane, Vishnavi Arsul and Aditya Vyas under the guidance of faculty mentor Prof. V.D.Saundarmal and Head of Department Dr. S.M.Badave had worked to adopt to the changes in the format. Congratulations to the team for bringing laurels to the College and Department.

*Success Story .....*



**Samiksha Sonni Jahagirdar** Student of Class TY (Electronics and Telecommunication ) has Successfully completed Red Hat Certification in OpenShift Container Platform 3.9 “**RED HAT CERTIFIED SPECIALIST IN OPENSIFT ADMINISTRATION**” in Jan 2021

# Participation.....

## Department of Architecture



SHARAYU V. DHAVANE

Logo design competition was organized by "Marathwada Mitra Mandal's Institute of Environment & Design's College of Architecture."

Sharayu Dhavane student of Third yr. B.Arch participated from MIT (E), Dept of Architecture.



SHARAYU V. DHAVANE

# Competition.....

*Creative Buzz .....*



*Creative  
Writing*

## माझी दुसरी आई।

जन्म झाल्या झाल्या  
आपल्या आई नंतर  
कोणी आपल्याला  
आपुलकीचा स्पर्श देत  
असेल तर ती म्हणजे  
आपली " \*आजी\* "

जेव्हा तुम्ही ९ महिने  
आई च्या गर्भात  
असतात,  
तुमच्या आई ला सोडलं  
तर सगळ्यात जास्त  
आतुरता असते तर ती  
तुमच्या आजी ला।

जन्म झाल्यावर तुमची  
प्रत्येक छोटी छोटी गोष्ट  
आजीचं सांभाळते ना,  
तुमची अंघोळ, तुमची  
मालिश, सगळं आणि  
सगळंच तुमची आजीचं  
करते।

सगळे म्हणतात की  
आपली आई आपल्याला  
वळण लावते,  
पण त्या वळणाला दिशा  
देते ती म्हणजे आपली  
आजी।

मोठं होऊन तुम्ही त्यांची  
किंमत करत नाही,  
काहीही बोलतात,  
तिच्या म्हातारपणा ला  
नवा ठेवता,  
पण एक गोष्ट लक्षात  
ठेवा,  
तुम्ही आज जे काही  
आहेत त्यात तिचाही  
मोलाचा वाटा आहेच।

न जेव्हा तुम्हाला ही  
गोष्ट समजेल तेव्हा खूप  
उशीर झाला असेल,  
त्या लोकांना विचारा  
आजी चे महत्व,  
ज्यांना आजी सोबत वेळ  
घालवता आला नाही।

हा एक छोटासा प्रयत्न  
तुम्हाला तुमच्या आजीच्या  
चेहऱ्यावर एक छोटा  
हसणं आणण्या करता।

~Aadesh Anjali Sandip Borase

*Through the Lens.....*



# Through the Lens.....



Madhav  
Anantawad ,  
TY, EE



Rutuja Sarode, TY, EE

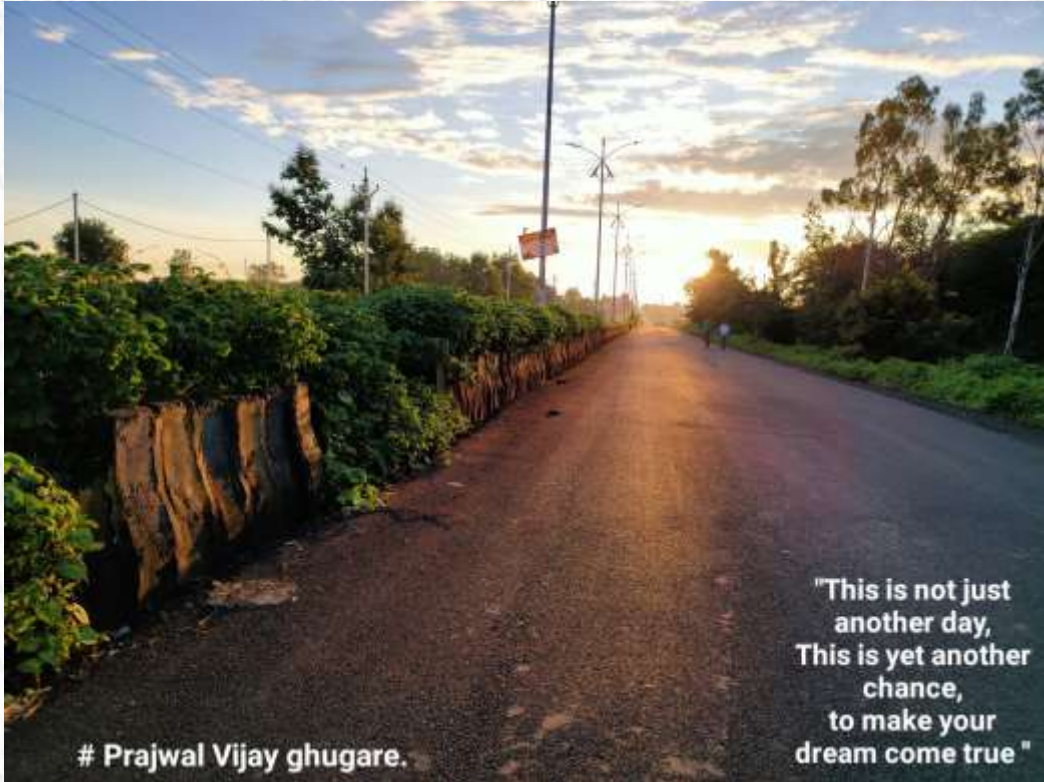
Sanskriti Wagh, TY, EE



# Through the Lens.....



# Through the Lens.....



# Prajwal Vijay ghugare.

"This is not just another day,  
This is yet another chance,  
to make your dream come true "

# Prajwal Vijay Ghugare.



"Just living is not enough  
One Must have  
sunshine, freedom and  
a little flower."

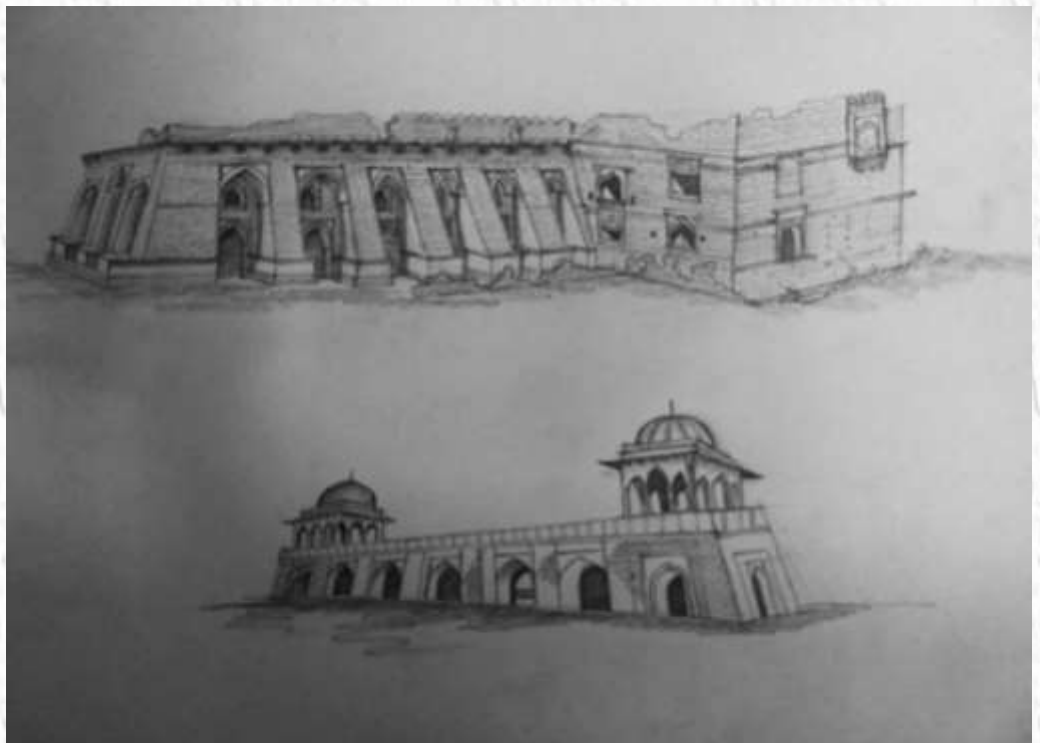
Prajwal Ghugare-First. Yr.B.Arch



# Sketchploration.....



# Art Works.....



Ishwari Tamboli-Fourth Yr.B.Arch

# Art Works.....



Abhilash Jagtap-Third. Yr.B.Arch

# Art Works.....



Amruta Vetal-Fourth. Yr.B.Arch

# Life @ MIT.....



The Candid Moments.....



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