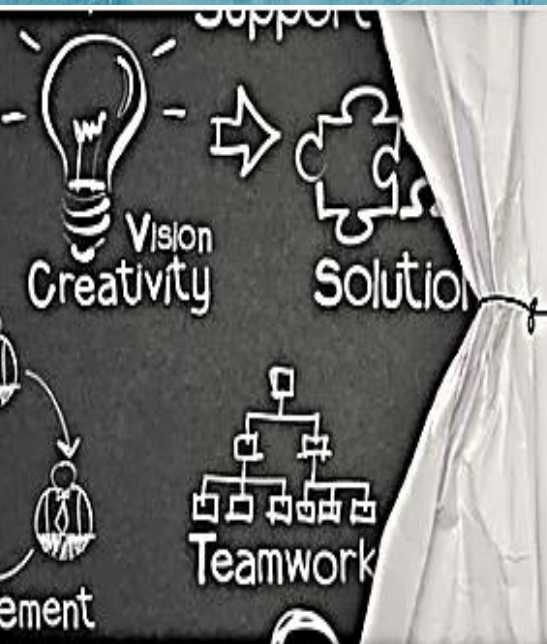




E- Magazine

Issue 24, Nov.-Dec., 2021





MARATHWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

Publishing

E-MAGAZINE
NOVEMBER-DECEMBER 2021



SUCCESS

CREATION

TECHNOLOGY

INNOVATION

MIT

DESIGNERS

ACHIEVERS

LEARNING

Campus Chronicle.....

FY Induction Program

Induction program was held in for newly admitted First year students to make them acquainted with the college and functioning of Department on 24-11-2021. Following were the activity conducted during the session:

The session began with Department visit in which Prof. S.S.Kohli made students aware about the infrastructure, lab facilities, the courses offered, the tenure of semesters, the teaching learning methodology adopted. He also explained the importance of Electrical Machines lab and as to how the core knowledge is important. Prof. Kohli demonstrated some static and rotating machines in the lab by operating them so that students get a feel on the technology used.

Later Prof. Gauri Karanjgaokar demonstrated other labs like the High voltage Lab, Controls Lab, Electrical Power Transmission and Distribution Lab, Power Electronics lab among others. The student's queries were also resolved during these visits. Finally other infrastructure and facilities offered by the Department were introduced like the library and Seminar Hall.



Department of Electrical Engineering

Continued....

In the last phase of the session students were taken to the Department Seminar Hall where they were demonstrated with presentation the achievements of the Department over the years, the various programs conducted in Department, the expert talks and workshops being organized by Department as well as students. Prof. Kardile explained in details about the NPTEL Courses and major-minor degree. Students were also explained about the career opportunities in Electrical Engineering as well as the process to move on to advanced degrees after graduation. The program concluded with students providing feedback sent to them on google forms.



DSY Induction Program

Induction program was held in for newly admitted Direct Second year students to make them acquainted with the college and functioning of Department. The session was conducted both in offline and online mode and students participated in both the modes on 27-11-2021. Following points were conveyed during the session:

Prof. V.D.Saundarmal made students aware about the infrastructure, lab facilities, the courses offered, the tenure of semesters, the teaching learning methodology adopted. He also explained the importance on how the core knowledge is important.

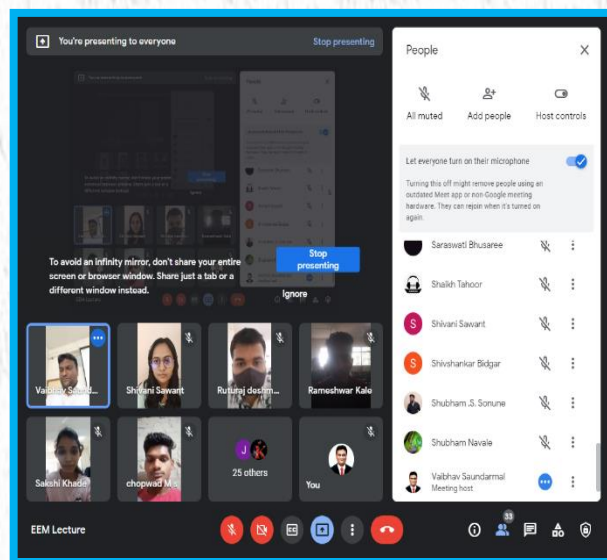
The faculty demonstrated labs like Electrical Machines, High voltage Lab, Controls Lab, Electrical Power Transmission and Distribution Lab, Power Electronics lab among others. The student's queries were also resolved during these visits. Finally other infrastructure and facilities offered by the Department were introduced like the library and Seminar Hall.

The students were demonstrated with presentation the achievements of the Department over the years, the various programs conducted in Department, the expert talks and workshops being organized by Department as well as students. The explanation on enrollment to NPTEL Courses, how towards an internship was also given.

The program concluded with students providing feedback. The students were happy and enthusiastic.

Department of Electrical Engineering

Glimpses of DSY Induction Program.....



Pre Induction Program- 2021-22

Pre Induction Program was organized in the Dept. of Architecture.

The program was scheduled for two weeks from **6th Dec 2021 till 18th Dec 2021** and was conducted in online mode on teams.

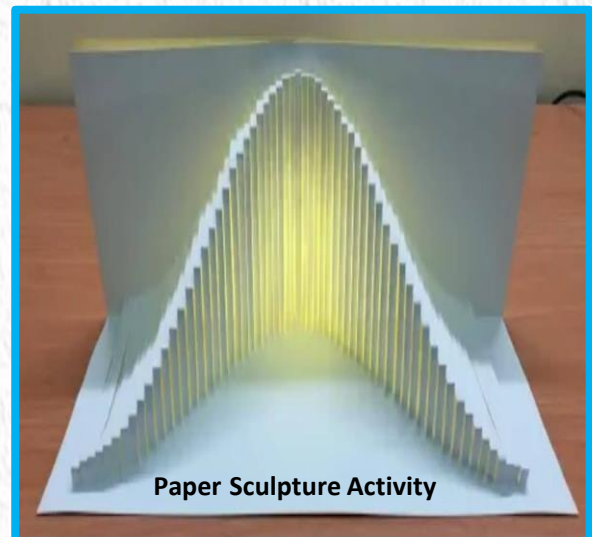
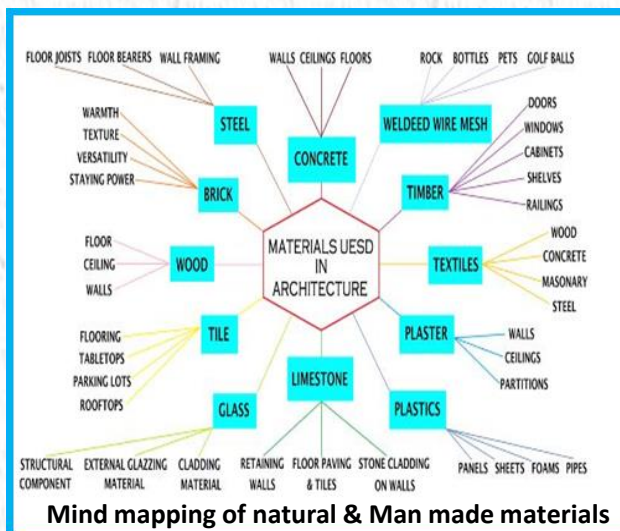
Various activities were organized so as to make the students explore their creativity and enjoy their first two weeks of college.



Balancing Toothpick Structures

Different activities conducted in the Pre-Induction Program are:

- **Balancing Toothpick Structures**
- **Paper Sculpture Activity**
- **Mind mapping of natural & Man made materials**



Paper Sculpture Activity

F.Y. Induction Program- 2021-22

Online induction program for First year B.Architecture students was conducted on **21st and 22nd December 2021**. The session started by **10.00 AM** with welcoming the students and the introduction about the institution. The department of architecture was virtually introduced through a PPT by **Prof. Vinaya Vaidya** wherein the pillars of the institute were introduced and the mission of the department and objectives of the course were elaborated. Virtual Formal introduction of all faculty members was followed by a presentation the students were taken to a virtual tour to the departmental infrastructure and facilities. Further the different curricular and co-curricular activities were conducted in previous years were elaborated.

Prof. Kuldeep Kaur Bhatia, Head of the Architecture Department addressed the session by welcoming and congratulating the students.

She appraised wise perspective about the meaning of Architecture. Further she assured them for the best possible training and exposure through integrated structure of curricular, co-curricular and extracurricular activities.

The **Director, Dr. N.G.Patil** addressed the students with the encouraging words for success in the profession and at the same time to be committed towards the development of society as architect.

At 11:00 AM an expert talk by Ar. Ajay Kulkarni was organised for the budding architects. The guest speaker for the day - **Architect Ajay Kulkarni is founder of Interface Designers.** Ar. Kulkarni introduced Architecture through his motivational words and encouraged and influenced the new students to this creative field. The talk helped the students to understand this innovative course in depth.

Department of Architecture

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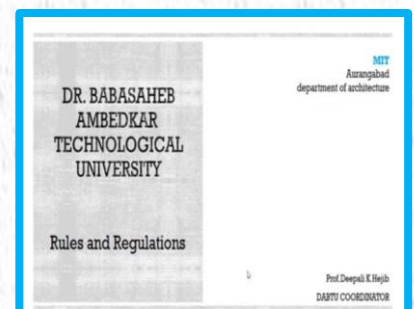
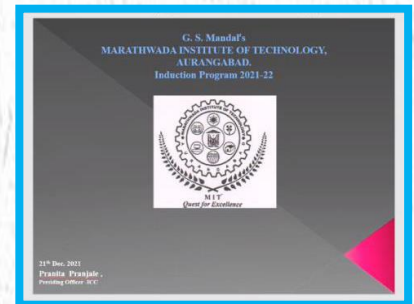
The students were also intimated about the different committees such as NSS, Anti-ragging cell, Internal Complaints Committee, etc. for the betterment of the students by **Prof. Pranita Pranjale**.

Further after this presentation, **Prof. Swapna Dhavale**, elaborated on Architecture as a Profession. Her talk was titled as “Architecture – Techne and Technik”. She also explained about the Council of Architecture to the students.

Prof. Deepali Hejib elaborated the course structure along with university regulations regarding the examinations.

Followed by the information about NASA and various Departmental Study tours which were presented by **Prof. Chitra Shinde**.

Mr. Sachin Rajput, Manager, IT Department explained the new students about the Working of ERP. The event was concluded with some instructions regarding the academic sessions along with the protocol of the institute.



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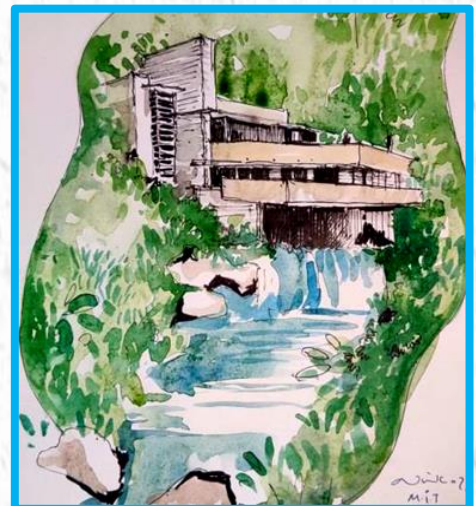
Alumni Interaction Session

An interaction session was started at 11:00 am. Prof. Shivani Gaikwad interviewed Ar. Nikhil Authankar – Alumni, Department of Architecture, MIT, and Aurangabad. The interaction session was titled as – “Journey at MIT and Beyond”. During the session Ar. Nikhil recalled his nostalgic days in the department of Architecture.

Ar. Nikhil Authankar is the founder and principal architect of Authankar Architects. He did his Bachelors in Architecture from Marathwada Institute of Technology, Aurangabad in 2015.

Ar. Authankar spent his initial years working under Ar. Usha Rangarajan, and has full insight experience of designing as an Architect in Landmark design group. He is an artist; he consciously uses paintings and sculptures in his projects. Art, Culture and Climate are the main factors around which their designs are centered.

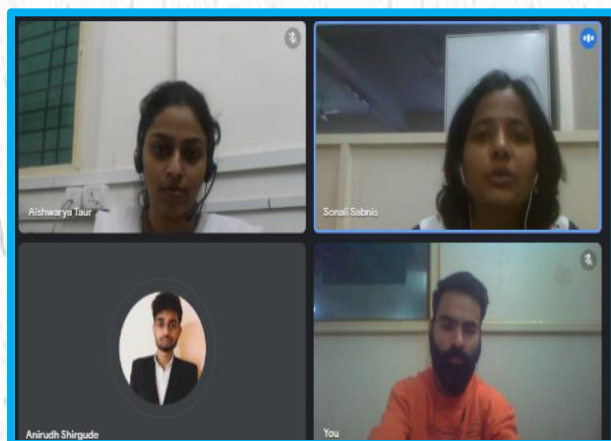
Being an artist as well, a sketching workshop was also organized for the students. Where, Ar. Nikhil explained various techniques for sketching. He sketched the famous Falling waters for the students.



Student Association Formation

Student's association by the name EMIT selection process began with the collection of online application of 15 students on 12/11/2021. On 27/11/2021 an online interview was conducted on Google meet platform in presence of Prof. S.S.Kohli, Prof. S.A.Sabnis and Prof. Aishwarya Taur. Based on the applicant's interview the association members were decided. 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. Earlier the candidates had filled their nominations submitted through google form.

The results of the association were declared on 02/12/2021 on the basis of the interviews conducted in the online mode.



Department of Mechanical Engineering

Department of Mechanical Engineering, Marathwada Institute of Technology, Aurangabad organized and attended various STTP and Workshops :

STTP Organized

CNC PROGRAMMING AND OPERATION

Organizer: Prof. Nameet Kumar Sethy, Department of Mechanical Engineering , Marathwada Institute of Technology. Aurangabad.

Date: 15th Nov 2021 -13th Jan 2022 (48 hour) **No of participants : 5**

Workshop Organized

Title of workshop: Universal human values for students.

Organizer: Maharashtra Institute of Technology. Aurangabad.

Speaker : Prof. V. M. Chidri, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.

Date: 18 Dec, 20 Dec, 21 Dec & 24 Dec 2021

No of participants : 212

Workshop Organized

Title of workshop: Universal human values for students.

Organizer: Maharashtra Institute of Technology. Aurangabad.

Speaker : Prof. V. M. Chidri, Department of Mechanical Engineering,
Marathwada Institute of Technology. Aurangabad.

Date: 17 Dec & 23 Dec 2021

No of participants : 193

Workshop Attended

1. Title: AICTE Examination Reform workshop (Batch 2)

Organizer: FDP Cell, AICTE New Delhi.

Date: 16-18 Nov 2021.

Attended by : Dr. H. M. Dharmadhikari

2. Title: LinkedIn Profile building Workshop for TPOs

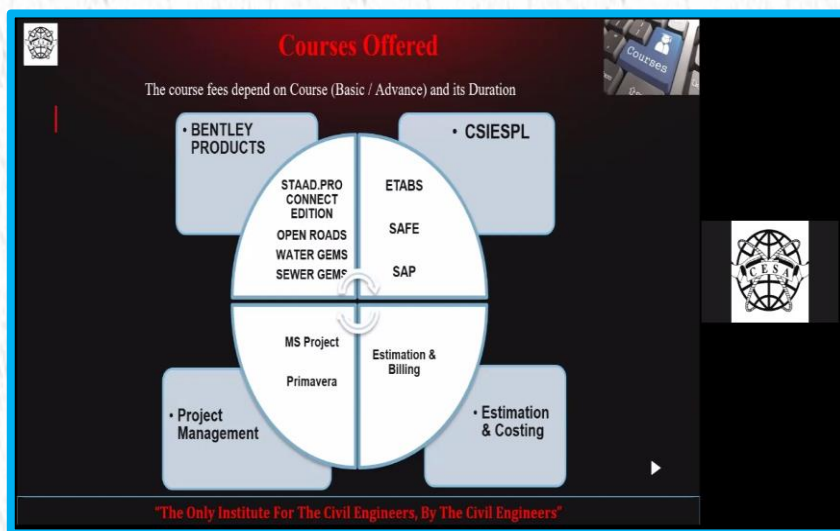
Organizer: Testbook.com

Date: 27 Nov 2021.

Attended by : Prof. S.R Andhale

“Importance of Software’s for Civil Engineering & Internship”

The webinar started with a welcome speech and brief introduction of expert at 11:30 am on 25 November 2021 through the online platform of ZOOM app. The session was addressed by Er. Hitesh Lahoti (Authorized Trainer & Structural Consultant) at 11:40 am on the title “Importance of Software’s for Civil Engineering & Internship”. During the talk speaker has given the brief information of the various software’s related to civil engineering and also the importance of software’s in the construction industry. Speaker briefed about various software’s training and courses available for students who wish to enter into industry. Importance of ETABS & STAAD Pro in structural analysis and design, use of AutoCAD for drafting, importance of MS Project in project management is also explained to participants. At the end of the session demo on foundation design in STAAD Pro was given by expert.

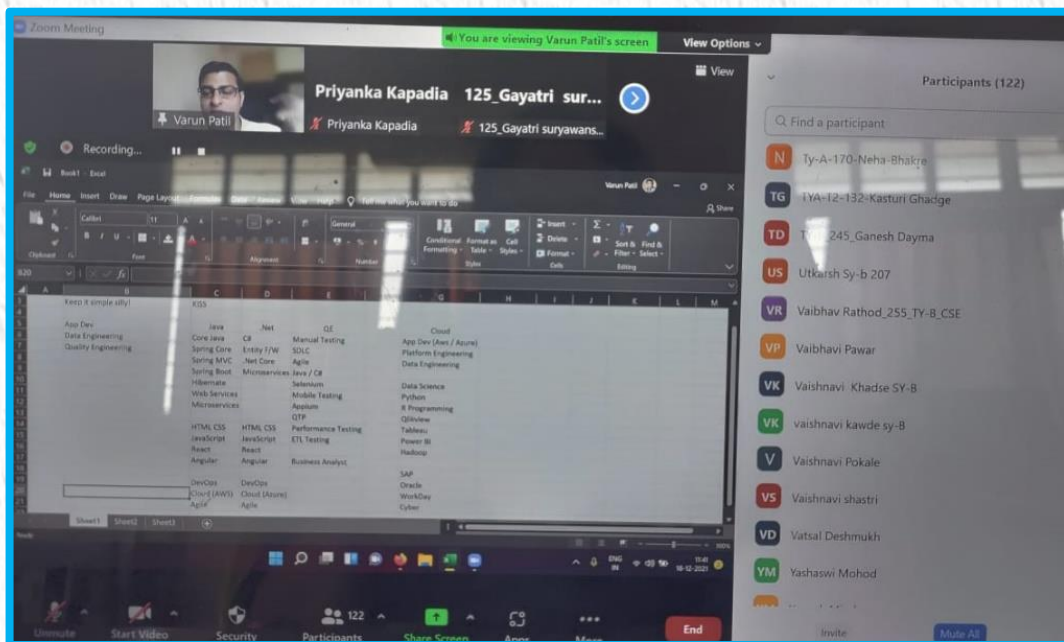


Department of Computer Science and Engineering

Webinar on Skills to be future ready for Corporate Job in IT.”

A webinar Skills to be future ready for Corporate Job in IT in Computer Science and Engineering.on 18/12/2021.

Speakers at event was Mr. Varun Patil, Career Architect, Talent Development Leader at PwC, Bangalore To guide students regarding current skills required to work in IT.



R & D Patent Published

Title of invention : System For Utilization of Waste Etchant In Photochemical Machining.

Name of Applicant : Dr. Nilesh G. Patil, Dr. Atul R. Saraf, Aruna Prabhakar Maharolkar, Dr. Shankar D. Birajdar, Mr. Shivam P. Yadav, Mr. Nagesh S Dongare, Mr. Rushikesh B. Chavan, Mr. Mangesh V Jamkar, Mr. Sreyas Auti.

Date : 19 Nov 2021

Student Chapter

Title : Inauguration of IIW Student chapter in MIT.

Organizer: Dr. D. V Nehte, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.

Date : 14 Dec 2021.

Conference Attended

Title: International Conference Recent Advances in Mechanical Engineering Reserarch and Development (ICRAMERD-21)

Orgnizer : Siksha 'O' Anusandhan Deemed to be University Bhubaneswar-751030, Odisha, India

Attended by : Dr. Kishor Kulkarni

Date: 1 & 2 Dec 2021

Paper Presented on :

1. Performance Analysis of DICl-VCR Engine Fuelled with Cottonseed Biodiesel and Diesel Blends.
2. Numerical Investigation of Solar Air Heater roughened with NACA0020 Airfoil

Paper Presentation in International Journal

1. Title of Paper: Performance assessment of multiple biodiesel blended diesel engine and NOx modelling using ANN. Case Studies in Thermal Engineering 28-101509

Author: Dr. Kishor Kulkarni, Sayeed Siraj, Randip Kumar Das

Date : Oct 2021

2. Title of Paper: Computational and Experimental Assesment of solar air heater roughened with six different baffles. Case Studies in Thermal Engineering 27-101350

Author: Dr. Kishor Kulkarni, Sachin Sharma, Randip Kumar Das

Date: Oct 2021

Students Achievements

Department of Mechanical Engineering

Students at Marathwada Institute of Technology got selected in various esteemed organizations and offered nice starting packages.

Sr. no	Company Name	Students Name
1	Balkrishna Industries Ltd. Aurangabad	Mangesh N. Yadav
2	Balkrishna Industries Ltd. Aurangabad	Pravin P. Deshpande
3	Tata Consultancy services Ltd Lucknow	Aniket S. Jadhav
4	Dhoot Transmission Pvt. Ltd. Aurangabad	Sudarshan M. Kakde
5	Tata Consultancy services Ltd Chennai	Aniruddha S. Jadhav

Success Story.....

Students Achievements

Department of Mechanical Engineering

Students Placement

Sr. no	Company Name	Students Name
1	Capgemini Pvt. Ltd. (Pune)	Tanay R. Vaishnav
2	Capgemini Pvt. Ltd. (Pune)	Chandan Bagul
3	Pratishtan Forging Cluster Foundation Pvt. Ltd. Aurangabad	Dilpak S. Anirudhaa
4	Pratishtan Forging Cluster Foundation Pvt. Ltd. Aurangabad	Gopal V. Borade
5	Kale Group Pvt. Ltd. Aurangabad	Shailesh D. Tryambake

Success Story.....

Through the Lens.....



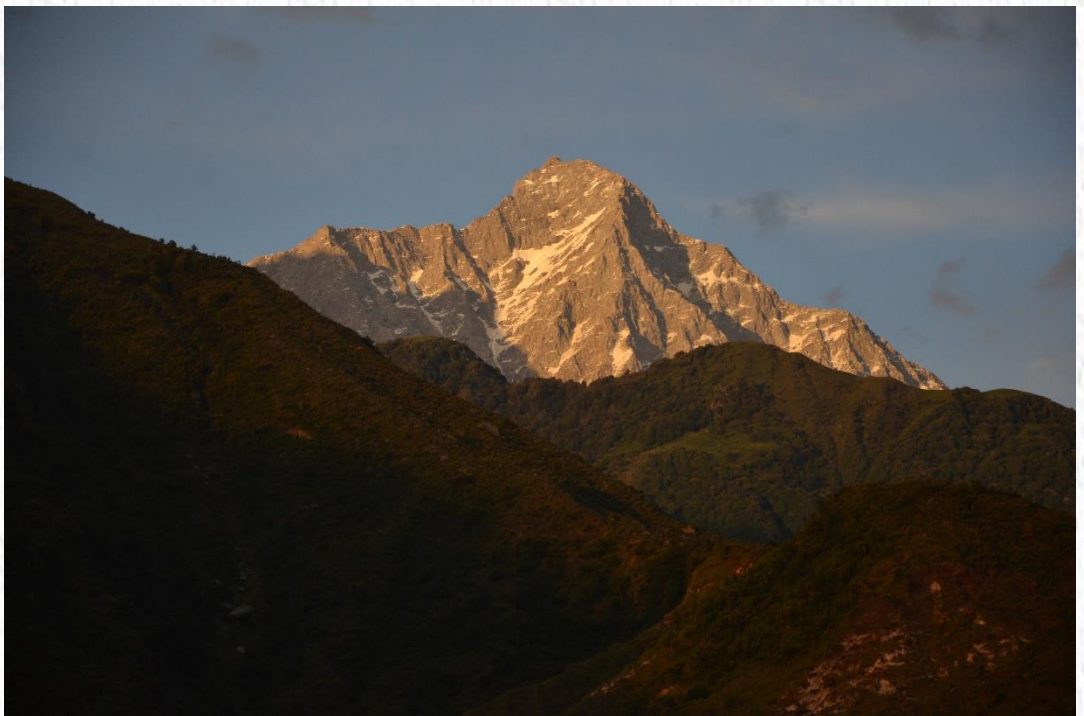
Through the Lens.....



Shot on OnePlus
By анш

Madhav Anantawad, TY, EE

Through the Lens.....

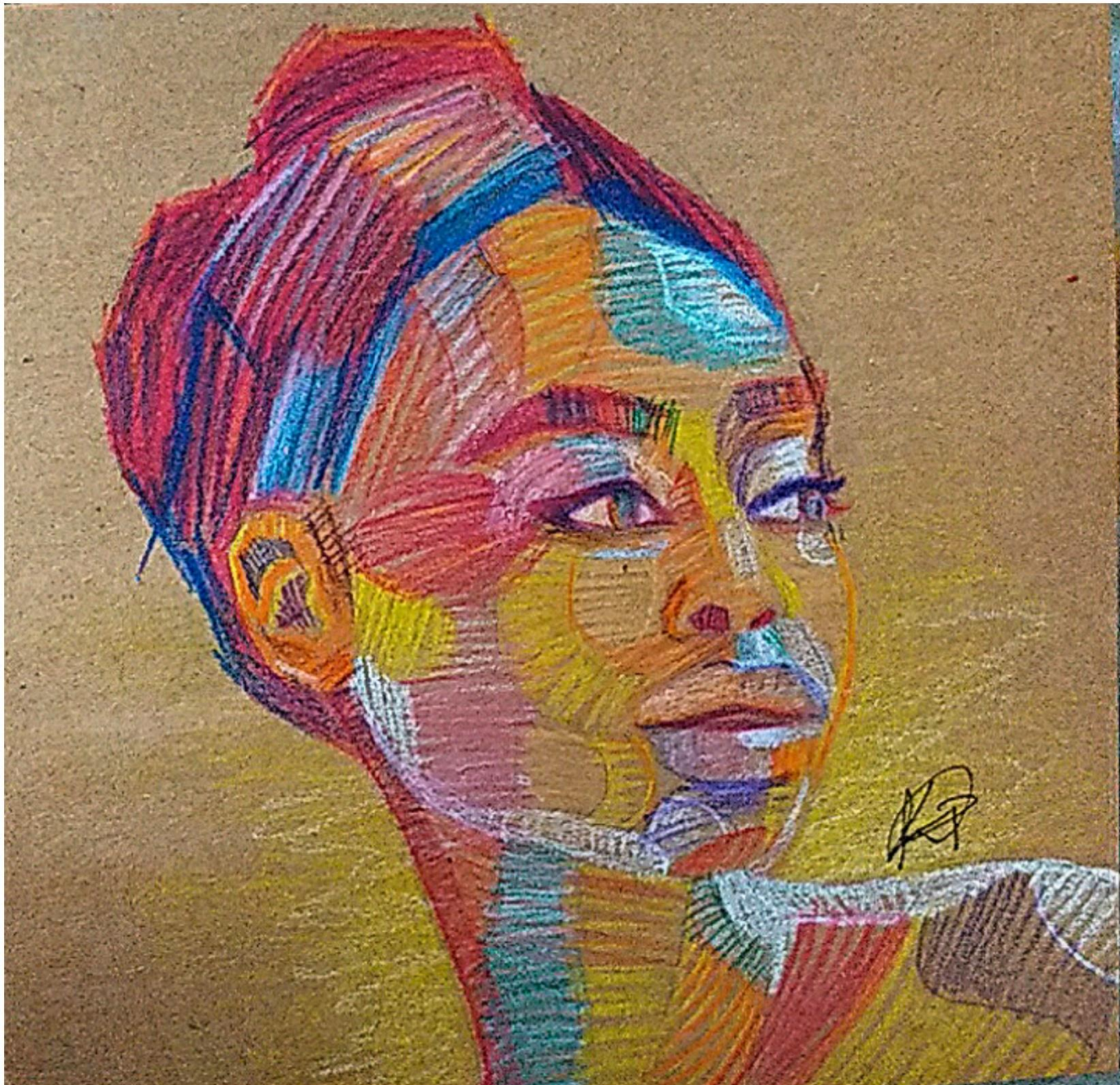


Smruiti Mahatole Arch. Alumni

Sketchploration.....

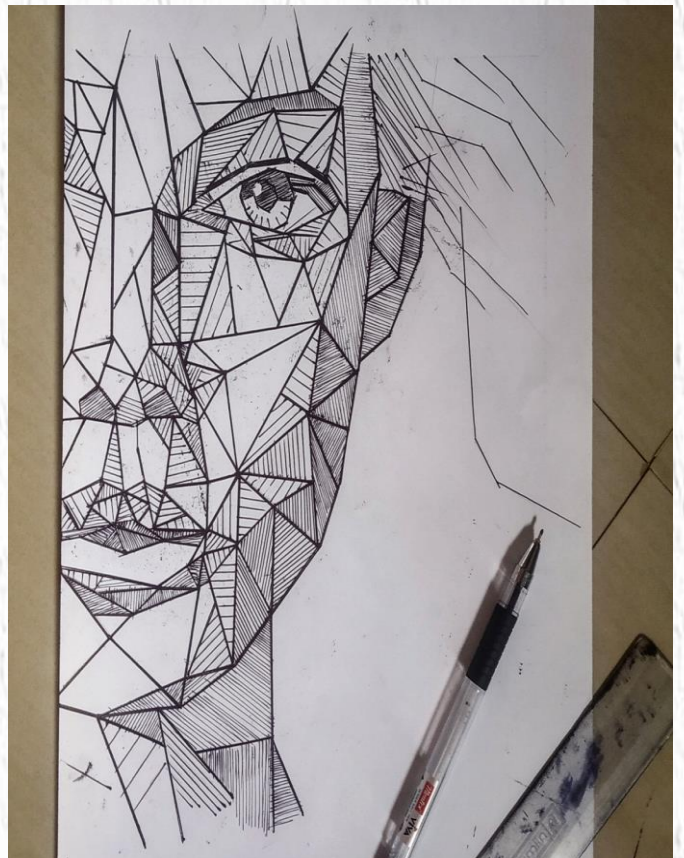
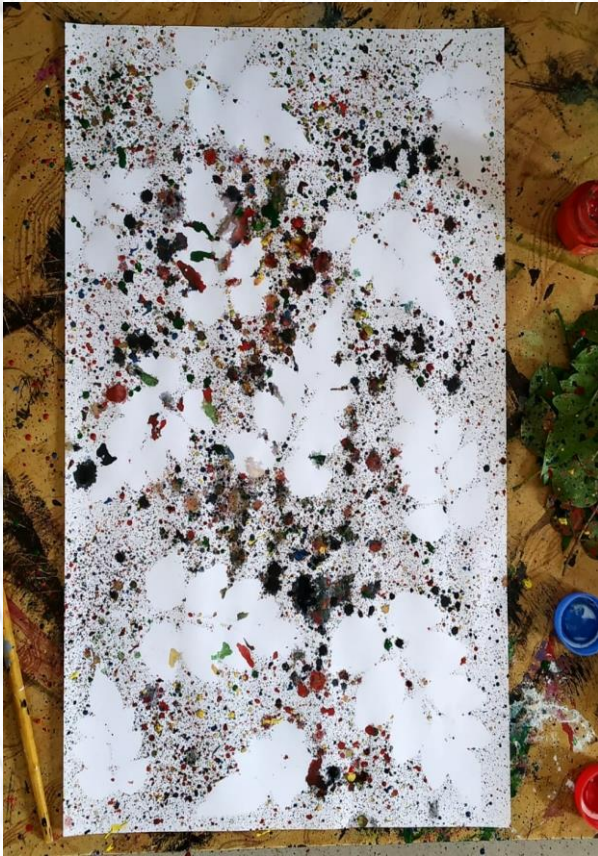


Art Works.....



Prabhjyot Kaur. T.Y. EE.

Art Works.....



Ankita Kulkarni T.Y. B.VOC-ID.

Life @ MIT.....



Architecture NASA Day.....



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