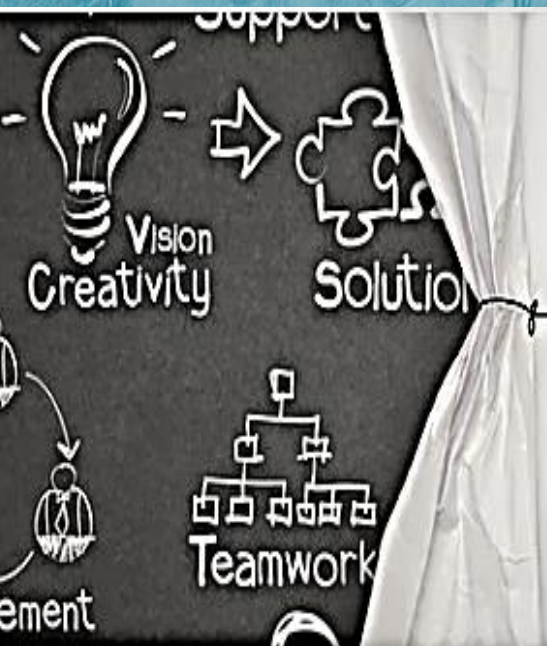
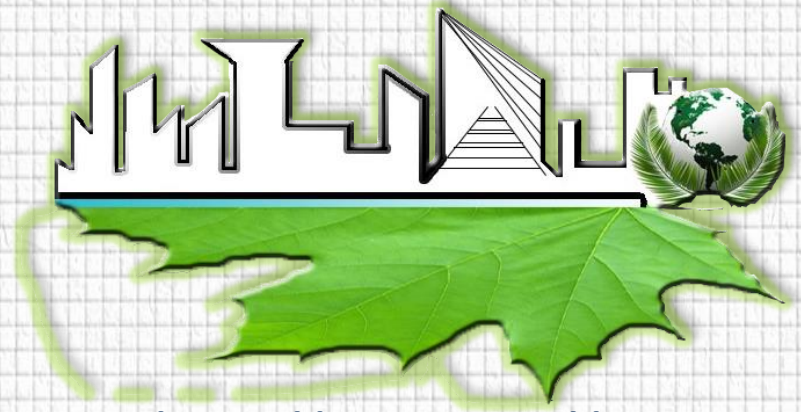




E- Magazine

Issue 16, February, 2020





Towards ...Building a Sustainable Community

MARATHWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

Publishing

**MIT
E-MAGAZINE
FEBRUARY-2020**

Campus Chronicle.....



INNOVATION

CREATION

TECHNOLOGY

MIT

SUCCESS

LEARNING

ACHIEVERS

DESIGNERS

Shivaji Jayanti.....



Shivaji Jayanti is being celebrated as the birthday of Shivaji Maharaj which is a grand occasion of the state of Maharashtra. Every year on 19th February his birthday is celebrated on a grand scale and he is remembered as God Shivaji by the people of Maharashtra. Chhatrapati Shivaji is not only a legend from the history of India but is a hero for the people of Maharashtra and also for the whole nation.

YUGPURUSH
RAJE
SHIVAJI
JANATA RAJA
KEERTIVANT YASHWANT

SWARAJYA RAKSHAK

CHATRAPATI

GREAT WORRIER

Chhatrapati Shivaji Maharaj Jayanti.....

Chhatrapati Shivaji Maharaj Jayanti Celebration on 19th Feb. 2020

Chhatrapati Shivaji Maharaj Jayanti was celebrated in MIT campus on 19th Feb. 2020 with full zeal and enthusiasm. The Speaker and guest for the function was Shri Avinash Ashok Bharti, Ambajogai, Beed District. He spoke on the life, struggles and achievements of the renowned personality. Principals of all five institutes presided over the function. Dr. Y.A. Kawade, President, G.S. Mandal spoke on the occasion. Master Siddhart Kharat spoke on struggles and achievements of Chhatrapati Shivaji Maharaj. The program was coordinated by Prof. S.G. Quadri, Students' Council Incharge – MIT(E). Master Sandip Gavande and Govardhan Bahir anchored the program.



Floral Tribute to Chhatrapati Shivaji Maharaj

Chhatrapati Shivaji Maharaj Jayanti.....

Glimpses...



Department of Basic Sciences and Humanities

Technoblitz 2020

'Technoblitz 2020' event was organized by Department of Basic Sciences and Humanities, MIT Engineering, Aurangabad.

On first day, 28/02/2020 an event 'Technoblitz 2020' was inaugurated with Lighting of lamp by auspicious hand of all the dignitaries on the dais. **Dr. N. G. Patil**, Principal MIT (E) welcomed the Chief Guest of the function **Mr. Laukik Bomblay**, Executive Strategic Sourcing Grind Master Machines Pvt. Ltd.), **Dr. Sayyad Ajij**, Vice Principal, Academics, MIT (E) welcomed special guest **Mr. Anirudha Joshi**, Entrepreneur, Aurangabad.

Prof. R. D. Mahajan sir, Convener presented preamble of this function. He has highlighted the purpose behind organizing this event that to provide a platform for the students of first year to show their talent and expertise. He also explained the brief outline of two days Event.

Prof. S.R. Andhale, Head, Department of Basic Sciences and Humanities has mentioned the need and importance of such program and had given brief review of different activities throughout the year under SAFE and Technoblitz and its theme "Smart, Sustainable and Inclusive growth of India"



Department of Basic Sciences and Humanities

Technoblitz 2020continued....

- ✓ First ten toppers of FY 2019-20 Sem-I have been felicitated by the auspicious hands of dignitaries on the dais.
- ✓ Principal Dr. N. G. Patil sir guided the students that such events are helpful to develop the personality and he appreciates the efforts of all student coordinators for organizing such event.
- ✓ As a token of love and respect Dept of Basic Sciences and Humanities also felicitated all the sponsors.
- ✓ **“Technoblitz -2020”** Inaugural ceremony ended with vote of thanks by Prof. N.M. Ambad.



Department of Basic Sciences and Humanities

Technoblitz 2020continued....

Following events were organized in **Technoblitz 2020** :

- ✓ Power Point Presentation
- ✓ Photography
- ✓ Poster Presentation
- ✓ Virtual Campus
- ✓ Escape Room
- ✓ E Ladder
- ✓ Bridge Making
- ✓ Box Cricket

All the events were carried out successfully under the supervision of all the faculty members of the Basic Sciences and Humanities Department. There was huge response from all the participants of all Engineering colleges of Aurangabad city and across the state. These events were organized on 28th and 29th Feb, 2020.



Department of Basic Sciences and Humanities

Technoblitz 2020continued....

On Second day, 29th Feb. 2020 valedictory function was organized. **Dr. Y.A. Kawade sir**, President, G.S. Mandal's welcomed the Chief Guest of the function **Mr. Pushkar Suradkar**, R & D Engineer, Liebherr Appliances India Pvt. Ltd. who is Alumni of MIT and was main coordinator of Technoblitz 2012



Events.....

Department of Mechanical Engineering

Personality Development Program :

Personality Development program conducted by Rubicon on 13th, 14th, 15th Feb 2020 in Marathwada Institute of Technology, Aurangabad.

Trainer : 1) Mr. Nayeem
2) Mr. Parvez
3) Mr. Ansar



TECHREL Aptitude session :

Aptitude Session conducted by Tecrel on 17th Feb 2020 in Marathwada Institute of Technology, Aurangabad.



Technical Quiz Competition.....

Department of Civil Engineering

One day Technical Quiz Competition was organised by Civil Engineering Department, Marathwada Institute of Technology, Aurangabad in association with Indian Geotechnical Society, Aurangabad Chapter on **08 February 2020**. The event was organised at CED, MIT, Aurangabad. The coordinators of the competition were, Mr. V. R. Upadhye and Dr. Hashmi Suhel (Asst. Professor, CED, MIT & IGS member).

The students of Civil Engineering branch from the various colleges nearby to Aurangabad city both UG and Polytechnic were eligible to participate in the competition. Total 31 teams participated from various engineering and polytechnic colleges.

The event started with a welcome talk by Dr. Hashmi Suhel followed by an introductory talk by Dr. Manish Dixit (HCED, MIT Aurangabad & Secretary, IGS Aurangabad Chapter). Total four rounds of quizzes were conducted to finalise the winners of the competition.



Technical Quiz Competition.....

Department of Civil Engineering

Valedictory session were conducted at the end of the competition. Dr. Sayyad Ajij (Vice Principal, Academics, MIT Aurangabad) felicitated the winners with prizes and certificates. The first prize was 2500 INR, second prize was 1500 INR and third prize was 1000 INR, which were sponsored by IGS Aurangabad. Besides, participation certificates were given to all the participants.



Department of Electrical Engineering

Runanubandh

As per the tradition, students of Electrical Engineering Department had conducted a social activity Runanubandh on 14th February 2020. The main aim behind organizing Runanubandh every year is to spread the happy ness towards the socially unnoticed peoples and make the students aware about the socil issues.

EED is organizing Runanubandh since last five years under the guidance of Dr.S.M.Badave, Head EED. This was the sixth edition of annual social activity Runanubandh.

This year students and faculties of EED Contributed for donating the goods required by Bhagvanbaba Balikashram, girls orphanage located at Satara Parisar Aurangabad.



Faculties of Electrical Engineering Department along with staff and children's at Bhagvanbaba Balikashram during Runanubandh.

Department of Electrical Engineering

Continued...

The Department had reached the Bhagvanbaba Balikashram by 03:15 PM and met the staff and children. On reaching there the chief warden Mrs. Jagtap Madam had introduced all the students about all the staff present there and started the program. The children from Bhagvanbaba Balikashram welcomed all the students and staff by a welcome song. Afterwards some children shown their talent by singing different songs. All the students and staff were stuck by seeing the talent of students. Then Dr.S.M.Badave addressed the children and donated the books to SCC Students and gave best wishes for their exams.

Students of EE Department had also entertained the children by singing some songs. Then students distributed snacks to the children and spent some time with them. The sheer joy of watching the kids smile and interacting with the students and staff was beyond words. Later Prof.A.H.Kardile, Program Coordinator gave vote of thanks and gave best wishes for their future. The students and staff returned back after a memorable visit at around 5:00 PM

Student association members taken efforts for smooth conduction of the program under the supervision of Prof.A.H.Kardile(Co-Ordinator, PCC). The got the valuable guidance from Dr.S.M.Badave(Head EED).

Social Initiative.....

Department of Electrical Engineering

Continued...



Students Achievement.....

Department of Electrical Engineering

“Team Squadron got 2nd prize in business presentation at national level championship- ATVC 2020”

After the E-BAJA-2020, Team Squadron comprising 24 students of Electrical Engineering Department participated in the new event i.e. ATVC-2020 (Aravalli Terrain Vehicle Championship) on 14th to 18th February 2020 at Vadodara Gujrat. This was the Third edition of Aravalli Terrain Vehicle Championship, powered by Infi-league Motorsports and is a National championship earmarking all the techno freaks across the country. This season of the grand buggy championship targets more than 100 teams with over 3500 participants who are aspiring engineering holders of a recognized institution.

In ATVC-2020, the team have to undergone through various steps such as Mechanical and Electrical Technical Inspection, Brake Test also presented Business plan and Cost report.



Students Achievement.....

Department of Electrical Engineering

“Team Squadron got 2nd prize in business presentation at national level championship- ATVC 2020”

Continued.....

Team Squadron has cleared Mechanical and Electrical Technical Inspection, Break Test due to sudden failure in electrical control system team was unable to participate in further rounds of the championship. Even though team performed their best in static events and secured 2nd prize in business presentation.

All the team members learned a lot from this championship. Students had taken lots of efforts for the same. They got the guidance from Prof.V.D.Saundarmal, Prof.S.I.Ali, Prof.A.S.Taur, Mrs.S.G.Patil. Dr.N.G.Patil(Principal) and Dr.S.M.Badave (HEED) congratulated all the team members for their success.



Team Squadron of Electrical Engineering Department won 2nd Prize in Business Presentation at ATVC-2020 (Aravalli Terrain Vehicle Championship) at Vadodara Gujrat.

Campus Diary...Success Story.....

Students Achievement.....

Department of Electrical Engineering

Students won prizes in Paper Presentation Competition on Energy Storage Devices organized by CMIA Aurangabad.

In view to understand the recent advancements in energy storage devices, Chamber of Marathwada Industries and Agriculture had organized Energy Conclave 2020. This year the theme was on Energy Storage Devices. This was the fifth edition of CMIA's Energy Conclave.

As part of this Paper Presentation Competition was organized for different technical institutes of Marathwada Region at Government Engineering College Aurangabad.

Three groups of students from EED taken part in this paper presentation competition under the guidance of Dr.S.M.Badave (HEED).



Mr. Ganesh Shelke and Mr.Hrushabh Jadhav, Students of Electrical Engineering Department during their presentation on Simulation and Dynamic Testing of Li-Ion Cell for Electric Vehicle.

Students Achievement.....

Department of Electrical Engineering

Students won prizes in Paper Presentation Competition on Energy Storage Devices organized by CMIA Aurangabad.

In this competition Mr.Ganesh Shelke and Mr.Hrushabh Jadhav won first prize for their presentation on Simulation and Dynamic Testing of Li-Ion Cell for Electric Vehicle. Also Mr.Sanket Salve, Mr.Akshay Samal and Mr.Sajan Rathod got third prize for their presentation “Li-Ion Battery for E-Vehicle.

Dr.N.G.Patil(Principal),Dr.S.M.Badave (HEED) and all faculty members of EED congratulated all the groups for their success.



Department Achievement.....

Department of Electrical Engineering

Dr.S.M.Badave(HEED) Co-Ordinated and chaired session at Energy Conclave on Energy Storage Devices organized by CMIA Aurangabad.



Dr.S.M.Badave(HEED, MIT Aurangabad) welcoming Dr.Manoj Rathi (Director Sustainable Solutions Pvt. Ltd.) and Dr.R.L.Sharma (Chairman and MD SPEL Technologies Pvt. Ltd.) at Energy Conclave on Energy Storage Devices organized by CMIA Aurangabad.



Dr.S.M.Badave (HEED, MIT Aurangabad) sharing her thoughts as a session chair at Energy Conclave on Energy Storage Devices organized by CMIA Aurangabad.



**Ms. Meghavati Kore
BE(EEE) Student
Placed in Capgemini**

Department of Civil Engineering

Visit to Wilson Dam, Bhandardara (29th January 2020)

On 29th January, a visit was planned to Wilson dam, Bhandardara, in Ahmednagar district for final year civil students. All the students of BE. Civil Engineering Department including four faculties from the Civil Engineering Department participated in this site visit. Students interacted with experts.

The Purpose of Visit was:-

- ✓ To make the students aware of the various components and terminologies related to dam.
- ✓ To make the students aware of design criteria for gravity dam, spillway and canals and its operation.
- ✓ To make the students aware of periodical maintenance schedule of the dam.

Bhandardara dam is one of the oldest dams in the country, and one of the most idealistic dam sites for a dam from civil engineering point of view. Construction work on Bhandardara dam was started in 1910 & completed in 1926 by the British administration. This dam is located 270 feet high above the river bed and 278 feet above its lowest foundation.



Department of Electrical Engineering

Industrial Visit to “Nasik Thermal Power Plant”

The industrial visit is of great importance for increasing the practical knowledge of students, as well to understand the generation of electrical energy in a power plant is a major aspect for an Electrical Engineer. Considering this approach for the SY students of Electrical Department of MIT(E), Aurangabad had visited Thermal Power Plant at Nashik, Eklahra on dated 29th February 2019 in between 2:00 pm to 6:00 pm for which the visit proceeded at 6:00 am. Prof. S. N. Pawar ,Prof. R. P. Shinde and Prof. Mrs. R. P. Dahad along with 47 SY Students.

Nashik Thermal Power Station (NTPS) runs under MAHAGENCO and has total installed capacity of 910MW, comprising of 2x140 MW and 3x210 MW units.

The students acquired practical knowledge regarding generation of electrical energy and working and different equipment used in Thermal Power Plant. Students asked relevant questions related to power plant to the Assistant Engineer’s guiding them.



Department of Architecture

False Site visit at Jai Vishwa Bharati Colony, Chetak Ghoda Chowk Aurangabad.

The students of Third year Architecture visited the office site of Ar. Swapnil Shroff on 04th February 2020. The main objective of the visit was to experience and practically understand the construction methods of false ceiling. The main objective of the visit was to experience the actual construction of false ceiling on site and understand the construction methods practically in a Commercial building. Students were introduced with the types of false ceiling of building. The grid of channels for the false ceiling was laid completely. Students studied the fixing and construction details of metallic, pop, gypsum false ceiling etc. We also saw connections and wiring details for lighting fixtures. Students also saw construction of the false ceiling that is joinery details of trap door, hardware used in F.C and openings of ducts for AC provided in false ceiling.

It was an informative, interesting and a successful visit. As architecture students we learnt the False ceiling details for Architect office. 30 students along with Prof. Deepali K. Hejiib visited the site.

MIT alumni Ar. Saurabh Muthe was the in charge architect of the site who explained about the site to the students.

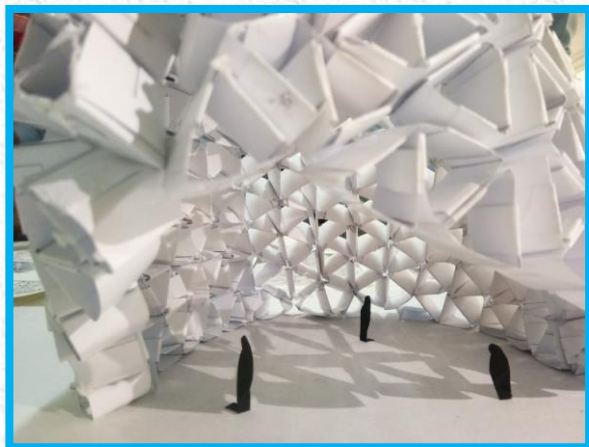
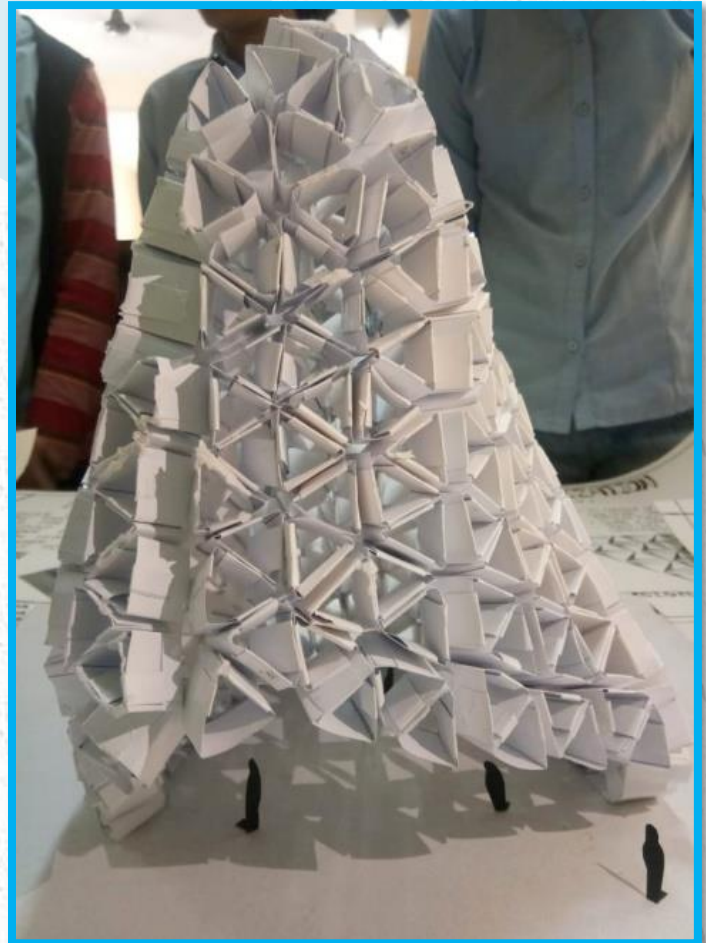
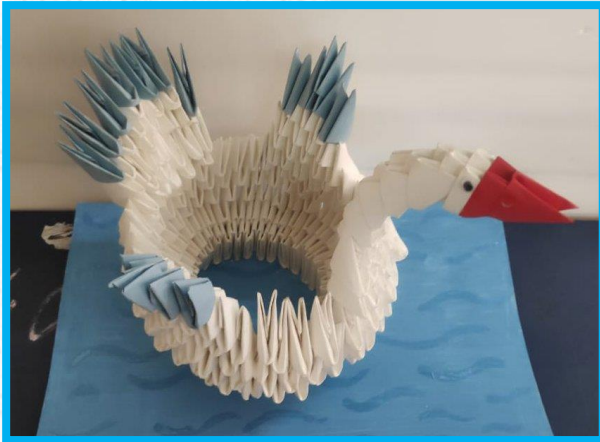


Creative Activity.....

Department of Architecture

Design Activity For F.Y.Architecture Students

A design activity for First year architecture students has been conducted on 10th January 2020. The students were supposed to develop a paper module of a structure/space by repetition of design element. The objective of the group activity was to implement and understand the design principles and fundamentals. Activity was coordinated by Ar. Pranita Pranjale and Ar. Gauri Chatupale.



Creative Buzz.....



तिला कळले कधीच नाही

प्रेम करतो मी तिच्यावर तिला कळले कधीच नाही

जळले मन माझे धुराचे लोळ उठले कधीच नाही

म्हणूनच बहुधा तिला कळले कधीच नाही.

रडलो आतल्या आत मी

आसवांचे ओघळ गालावरती आले कधीच नाही.

म्हणूनच....

भिडली नजरेला नजर कितीदा

नजरेतील भाव मात्र कळले कधीच नाही.

म्हणूनच.....

स्पर्शुन गेली ती माझ्या मनाला तिच्या मनाला

माझा स्पर्श झाला कधीच नाही

म्हणूनच.....

समुद्राच्या पाण्याहूनही गहिरं होतं माझं प्रेम

किती बुडाल्या त्या पाण्यात ती मात्र पाण्यात

उतरली कधीच नाही

म्हणूनच

Name : Prasad Kulkarni

Class : TY (A)

बेटी

बेटी, तू कभी बड़ी मत होना...
 दुनिया की कस्मोंकण में, खुद की मर्जी मत खोना...
 तू जब-जब बड़ेगी वो तुझे रोकेंगे,
 तू जब-जब उठेगी वो तुझे बिराहेंगे,
 बस तू खुद की हिम्मत मत खोना,
 बेटी तू कभी बड़ी मत होना...

जब बात इज्जत पर आए, तो डर मत जाना,
 वो अंगलियाँ उठाएँगे तुझपर, बस चुप मत होना,
 माँ-काली का वास है तुझमें, मुन मत जाना,
 लोगों की बातों में आकर, खुद का
 हौसला मत खोना...
 बेटी तू कभी बड़ी मत होना...

- प्रशंसा जैस्वाल

By: Prashansa Jaiswal
 (SY-EE)

Through the Lens.....



Through the lens.....

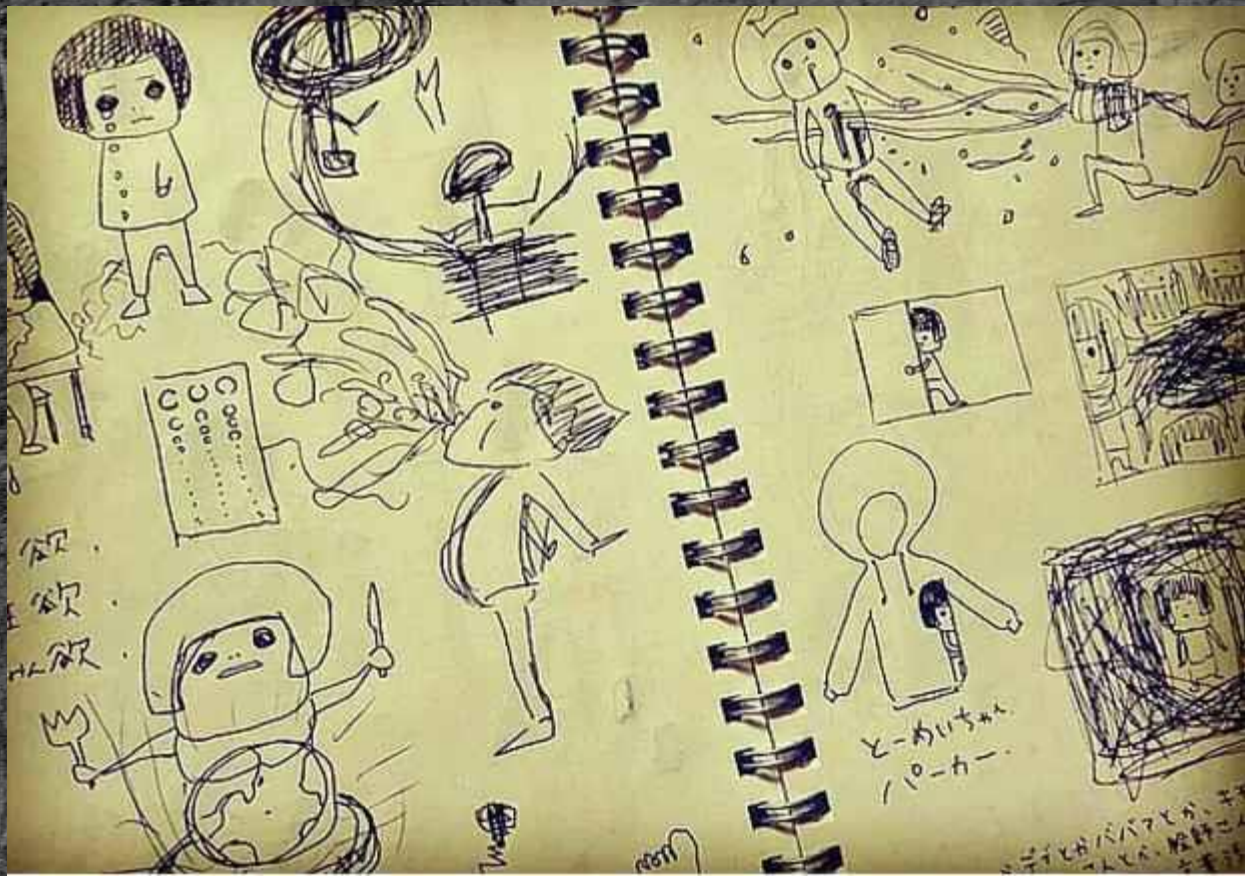


Click by: Piyush Nikam
(SY-EE)



Click by: Madhav Anantwad
(SY-EE)





From notebook to Canvas.....

Art Works.....



Name: Aboli Waghmare
Class : TY A



Art Works.....



Artist: Drabhjot Kaur Kaurhal
Class: 9Y (EE)

Life @ MIT.....the candid moments



Life @ MIT.....the candid moments





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