MIT
Quest for Excellence

E- Magazine

Issue 22, July-Aug., 2021

MIT
Quest for Excellence

MARATHWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

Publishing

E-MAGAZINE

JULY-AUGUST 2021

SUCCESS

CREATION

TECHNOLOGY

INNOVATION

MIT

DESIGNERS

ACHIEVERS

LEARNING

Campus Chronicle.....

Department of Basic Science and Humanities

Technoblitz-2021

A State Level Technical Event for First Year Engineering Students

Date: 31st August 2021 **Time**: 10.00 am.– 05.00 pm

'Technoblitz 2021' event was organized by Department of Basic Sciences and Humanities, MIT Engineering, Aurangabad on 31st August 2021, 'Technoblitz 2021' was inaugurated with Lighting of lamp by auspicious presence of all the dignitaries.

Dr. Arti Mohanpurkar, Head, Department of Basic Sciences and Humanities and Convener presented preamble of this function. She highlighted the purpose behind organizing this event as to provide a platform for the students of first year Engineering to show their talent and expertise. Technoblitz was first conducted in 2011. She pointed out the importance of such events and activities in student's life. She also explained the brief outline of event.

Dr. Arti Mohanpurkar, mentioned the need and importance of such programs and gave brief review of Technoblitz and its theme "Role of Science and Technology in Education" and its benefits in the growth and all round development of the students. The unique idea was that the event was organized by the first year students for the first year students of engineering colleges.

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Department of Basic Science and Humanities

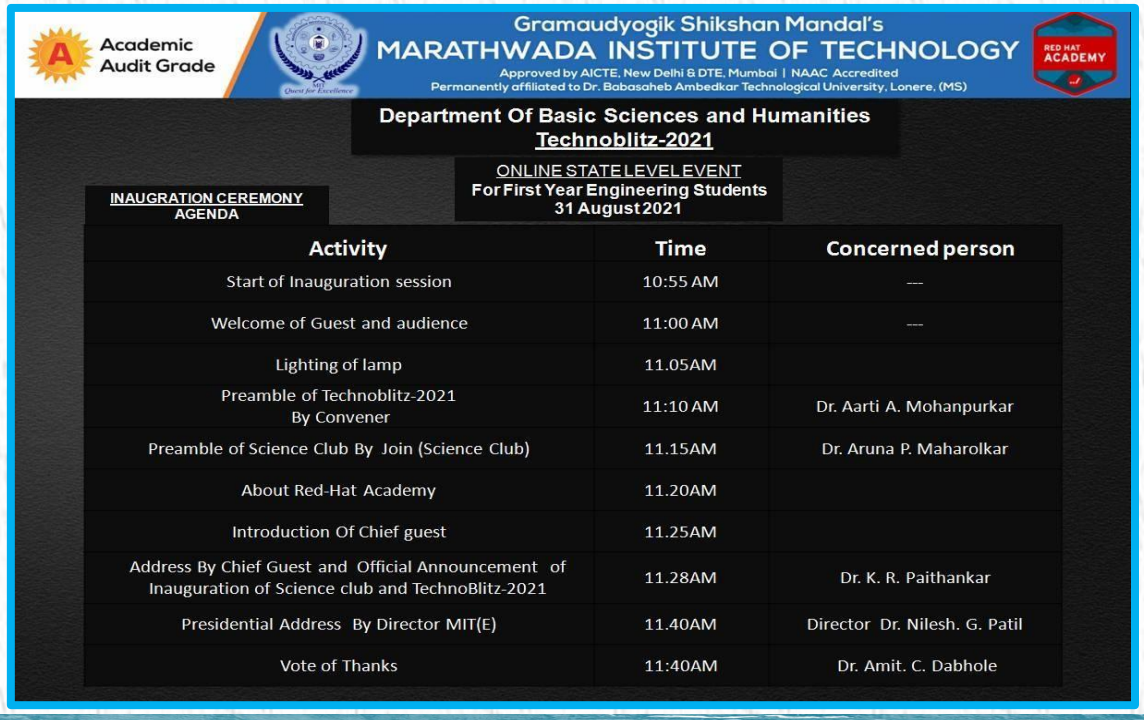
Dr. K. R. Paithankar, Principal Technical Officer, Centre for Cellular and Molecular Biology (CSIR-CCMB) Hyderabad, has explained the importance of such event as platform to all the students. He also highlighted on the theme of the event “Role of Science and Technology in Education”.

Ms. Prachi Bindu, Graduate Research Assistant, University of Maryland Baltimore County, has explained the importance of participation and working as a coordinator in such events as platform for personality development to the students. She shared her own experiences of Technoblitz which helped her for her personal and professional growth.

Prof. Dr. Nilesh. G. Patil, Director, Marathwada Institute of Technology, Aurangabad, guided the students that such events are helpful to develop the personality and he appreciated the efforts of all faculty and student coordinators for organizing such an event. Sir, explained the importance of Technoblitz and practical knowledge which add their new aspects of personality in corporate field.

Mr. Aneesh Puthiya, Manager, Clobal Learning Services, Red Hat, India, briefed the audience about initiatives and also encouraged the students for participation in different events.

Department of Basic Science and Humanities

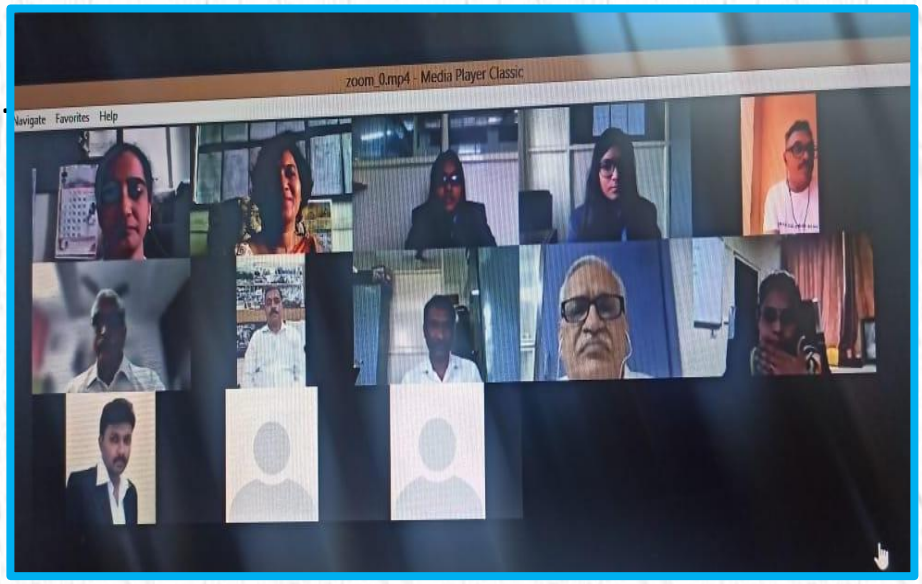


Activity	Time	Concerned person
Start of Inauguration session	10:55 AM	---
Welcome of Guest and audience	11:00 AM	---
Lighting of lamp	11.05AM	
Preamble of Technoblitz-2021 By Convener	11:10 AM	Dr. Aarti A. Mohanpurkar
Preamble of Science Club By Join (Science Club)	11.15AM	Dr. Aruna P. Maharolkar
About Red-Hat Academy	11.20AM	
Introduction Of Chief guest	11.25AM	
Address By Chief Guest and Official Announcement of Inauguration of Science club and TechnoBlitz-2021	11.28AM	Dr. K. R. Paithankar
Presidential Address By Director MIT(E)	11.40AM	Director Dr. Nilesh. G. Patil
Vote of Thanks	11:40AM	Dr. Amit. C. Dabhole

Department of Basic Science and Humanities

As a token of gratitude and respect the Department of Basic Sciences and Humanities is thankful to all the sponsors viz. Red HAT and MIT Red Hat Academy and Maharashtra Times as media partner. Anchoring of the inaugural ceremony was performed by Komal Sharma, Gauri Sonawane, where as anchoring of the valedictory ceremony was performed Shrddha Bhoyar and Farha Khan.

“Technoblitz -2021” Inaugural ceremony ended with vote of thanks by Prof. Dr. A. C. Dabhole and Valedictory ceremony ended with vote of thanks by Dr. Shankar D. Birajdar. All the events were carried out successfully under the supervision of all the faculty members of the Basic Sciences and Humanities Department and Organizing committee. There was huge response from all the participants of all Engineering colleges of Aurangabad city and across the state. E-certificate were given to all the participants.



Department of Basic Science and Humanities

Format Of Certificate

Department of Civil Engineering

One Week STTP

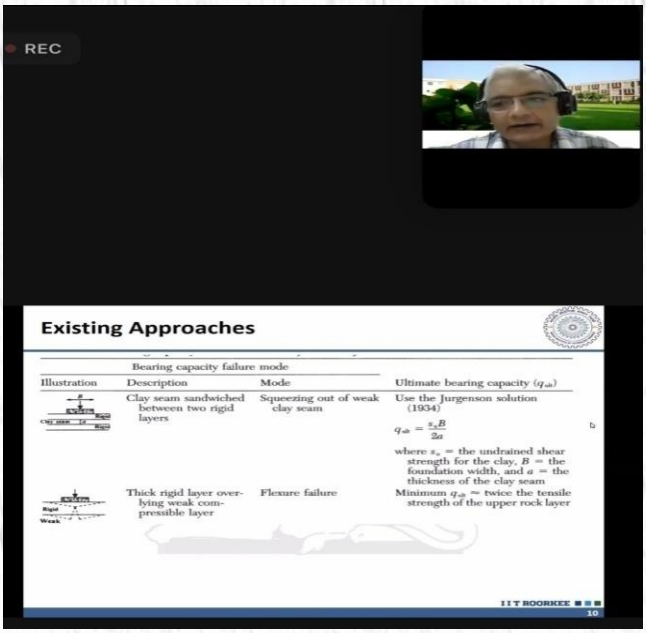
IGS Aurangabad Chapter in association with Civil Engineering department, Marathwada Institute of Technology, Aurangabad, Maharashtra successfully conducted one week STTP on the topic "Advances in Geotechnical Engineering and Reliability of Structures" from 23rd to 27th August 2021.

The aim of this STTP was to enhance the participants with the concepts of foundation design, its testing and monitoring, Sustainability in Geotechnics, Advanced Ground Improvement Techniques, Reliability of structures by NDT techniques, Analysis and testing of Pile foundations, Earth retaining structures, Geo-form and its application, Rock Tunneling, Earth retention solutions, Bio-immobilization of Heavy Metals in Sands.

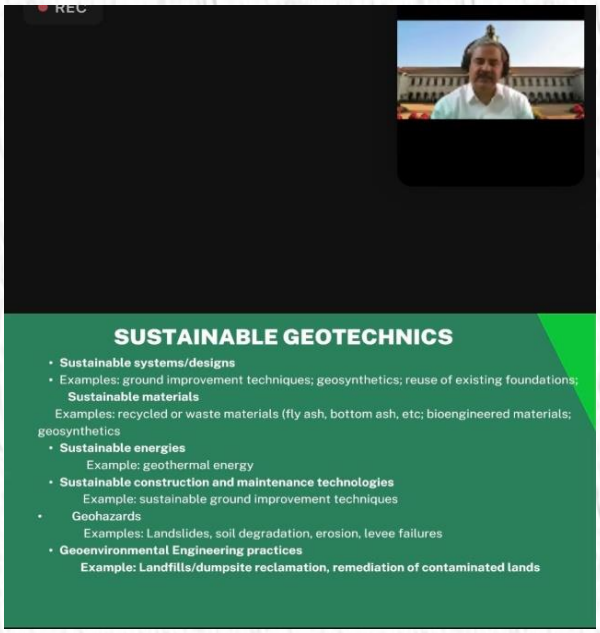
155 participants registered for this STTP and around 114 participants participated actively. Participants consisted of Faculty members of renowned institutions, Research scholars and UG/PG Students from Maharashtra, Gujrat, Madhya Pradesh, Uttar Pradesh, Andhra Pradesh, Tamil Nadu, Karnataka, Haryana, Bihar, Mizoram and from neighboring countries like Bhutan.

Events .....

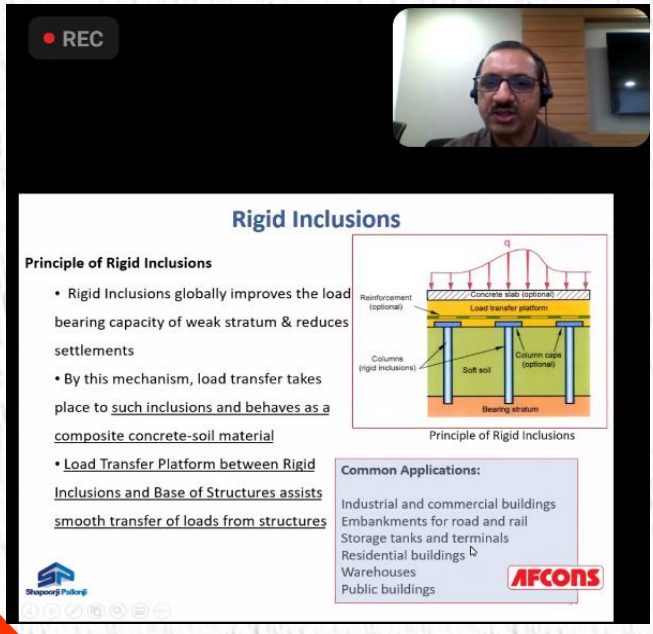
Department of Civil Engineering



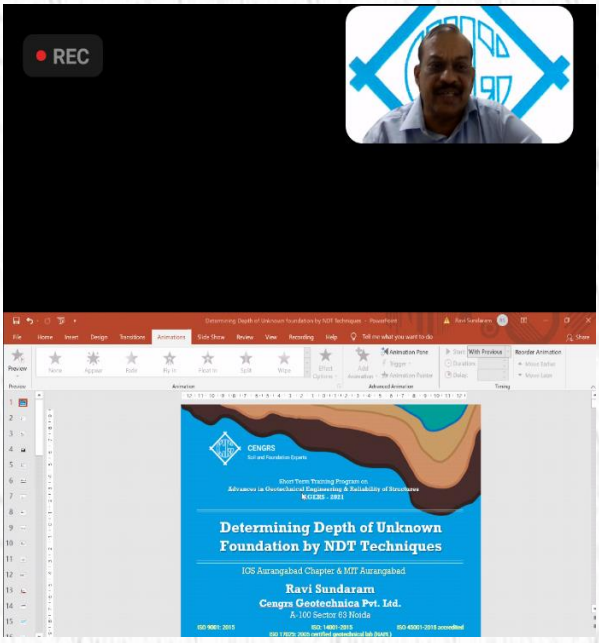
Dr. N.K. Samadhiya session



Dr. G. L. Sivakumar Babu session



Case Study for Rigid Inclusions



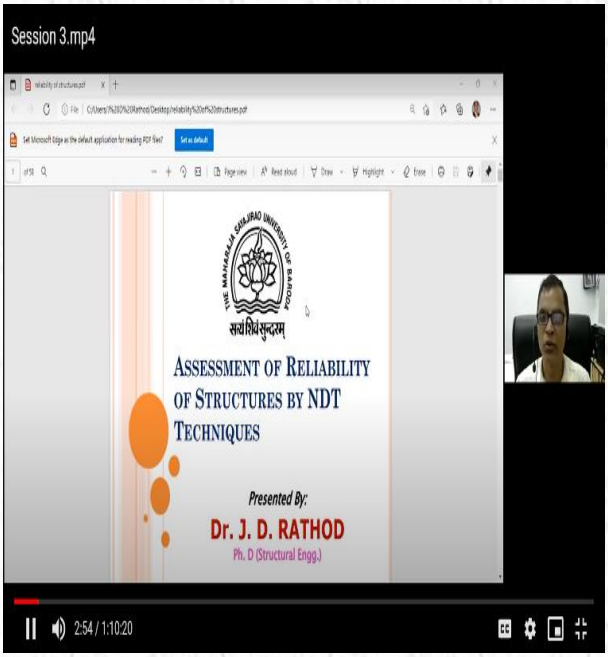
Er. Ravi Sundaram session

Event .....

Events .....

Department of Civil Engineering

Dr. Dasaka Murthy session



Dr. J.D. Rathod session

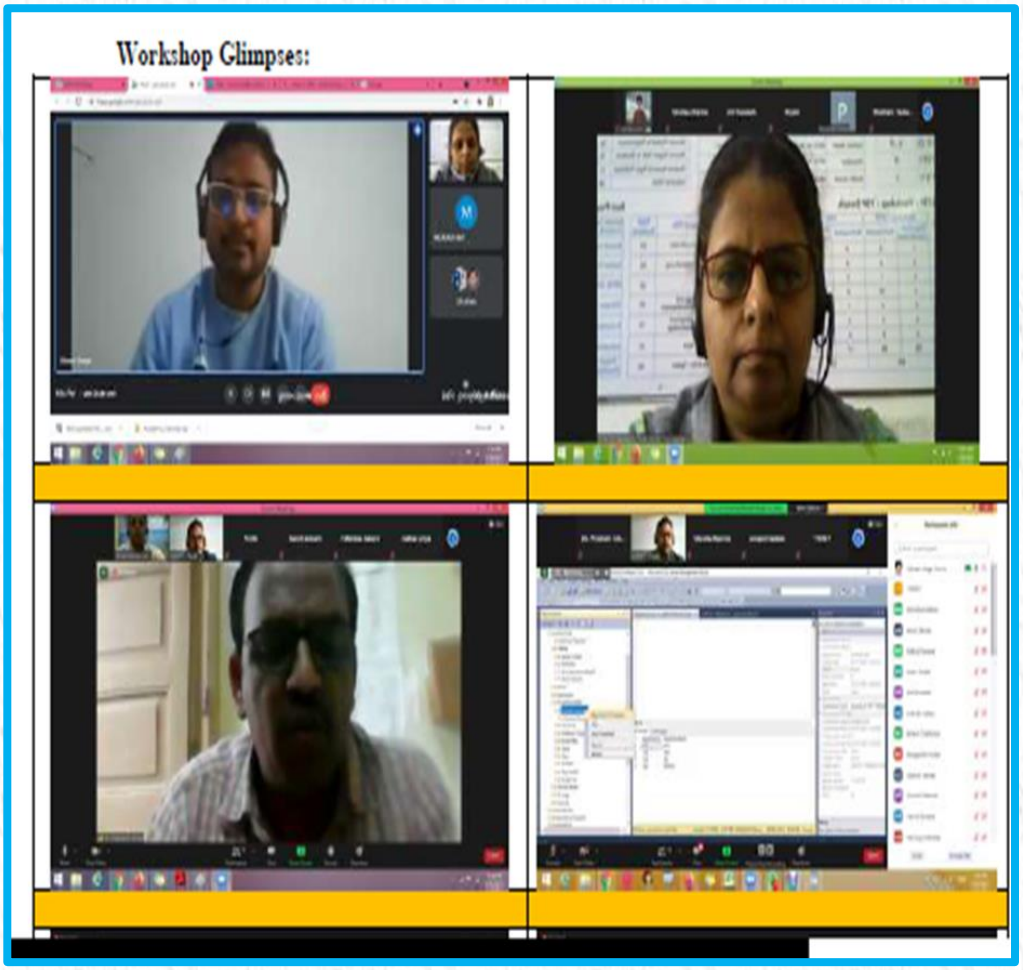
Er. Vikas Patil session

Dr. Vinil Kumar Gade session

Department of Computer Application

Workshop on ASP.net Technology

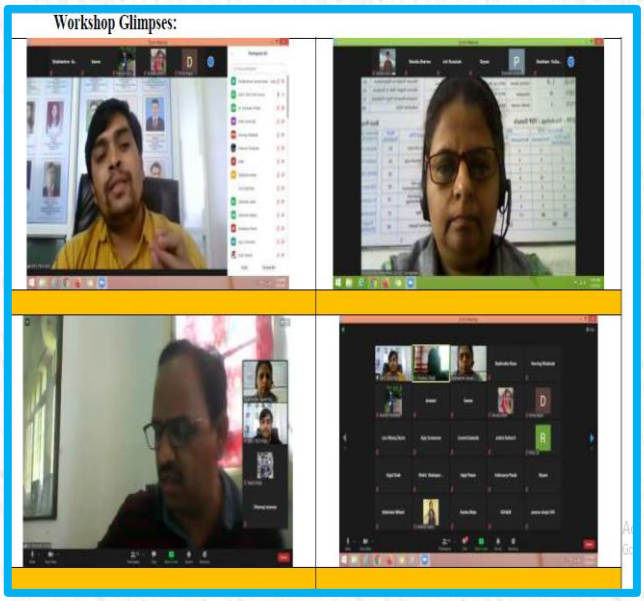
Two days workshop was organized on ASP.net Technology, 0n 25-26 July 2021, Dr. Vikrant Shaga, Ethopia Univerisry, Euthopia has taken hands on sessions during the workshop , 68 students along with the faculties of CAD department were present for the workshop. Workshop was coordinated by Dr. Prashant Chintal.

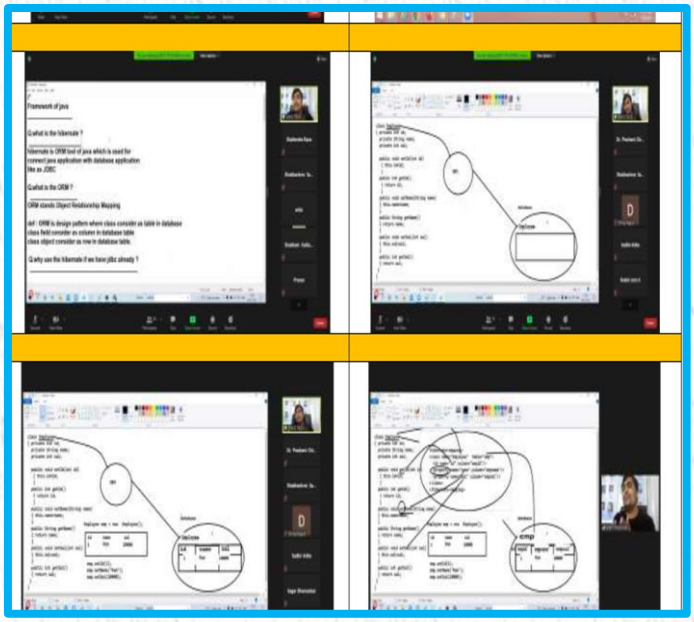


Department of Computer Application

Workshop on Advanced Java Technology

Two days workshop was organized on Advanced Java Technology, 0n 19-20 July 2021, Mr.Adinath Giri, Gsoft Solutions ,Pune has taken hands on sessions during the workshop ,80 students along with the faculties of CAD department were present for the workshop. Workshop was coordinated by Dr.Prashant Chintal and Shubhashree Savant





Department of Architecture

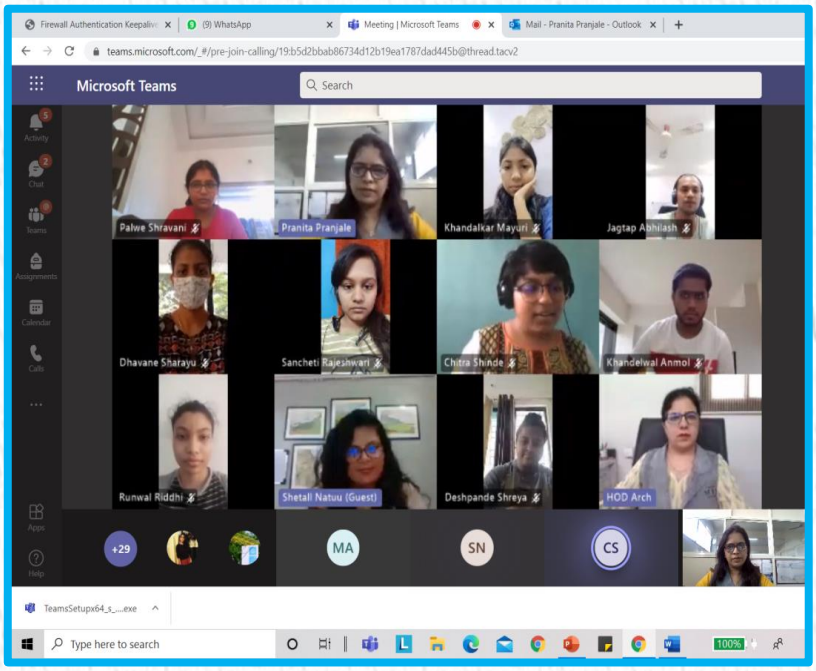
Workshop on UX Design

"UX Design" workshop was conducted in Department of Architecture, MIT, Aurangabad exclusively for Fourth year students as a part of their academic curriculum.

It was 6 days workshop starting from **16th of August to 21 of August 2021**. The felicitator of the workshop was **Ms. Sheetal Natu from Pune**, founder director of Umber IT Solutions Ltd. She is also a mentor, consultant and start-up enthusiast.

The workshop included an introduction to the discipline – UX Design, its basics and scope. Workshop incorporated 5 days for different topics and processes that drives UX Design.

The workshop was very informative and interactive. Throughout the workshop Sheetal interacted and shared her experience of past 25 years in brief. She also enlightened the mentees about the future of UX Design and opportunities for a UX Designer.



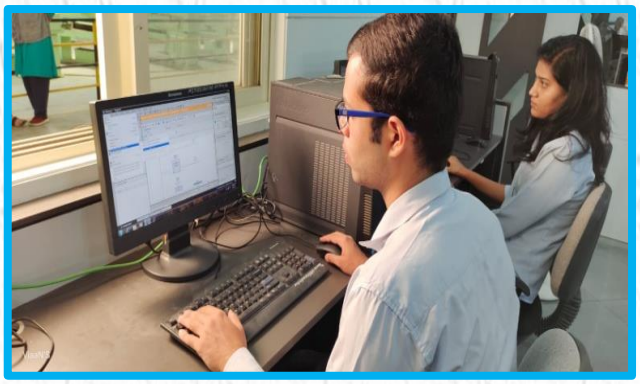
Department of Architecture

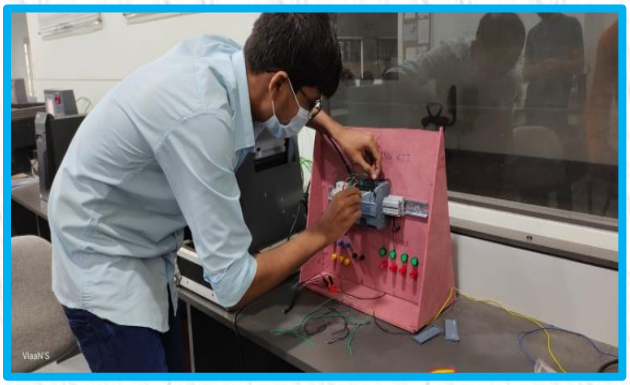
Department of Electrical Engineeering

Certificate Training Program on Industrial Automation

MIT-Siemens Centre of Excellence for Automation & Mechatronics (COEAM) conducted 15 Days certification training program on 'Industrial Automation' in the month of August 2021. The objective of this training program is to enhance the standard of Fresh Engineering students to become acceptable to the industry.

In this training program 10 students participated from Marathwada Institute of Technology and Maharashtra Institute of Technology Aurangabad. This training program was conducted by Prof. V. D. Saundarmal under guidance of Dr. N. G. Patil (Director MIT) and Dr. S. M. Badave (Head COEAM & HEED).





Department of Basic Science and Humanities

"Vigyanmay" – The Science Club @ MIT

Let's spend a few moments with Science

Date: 31st August 2021 **Time**: 10.00 am.– 05.00 pm

The motto behind Science Club is imparting state-of-the-art knowledge of science to create competency and skills and conducting impactful scientific activities & research, generating new knowledge, and broadcasting these activities and knowledge through IPR, publications in top journals and conferences.

Aims of Science Club:

1. To provide basic knowledge of science
2. To develop a scientific way of learning.
3. To create awareness & concern for scientific issues in personal, social, environmental and technological contexts

Expert Talk

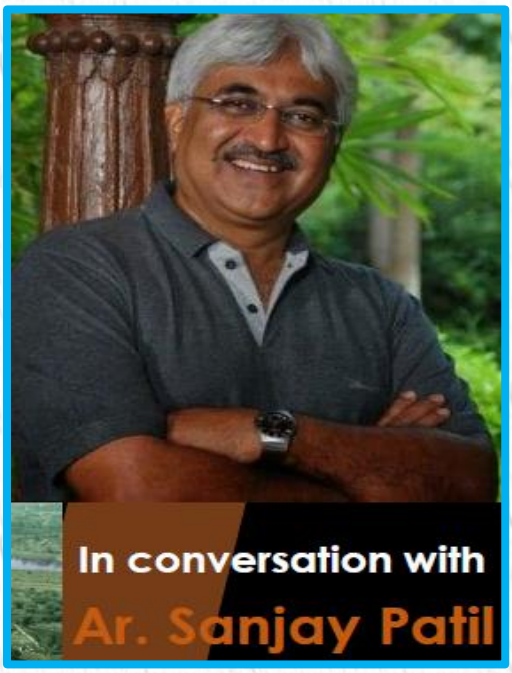
Department of Architecture

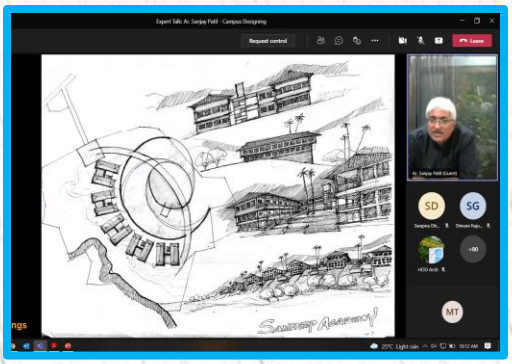
Department of architecture MIT, Aurangabad organised an Expert lecture on ***"Campus Designing*** "on 3rd Aug 2021 at 09:30 am.

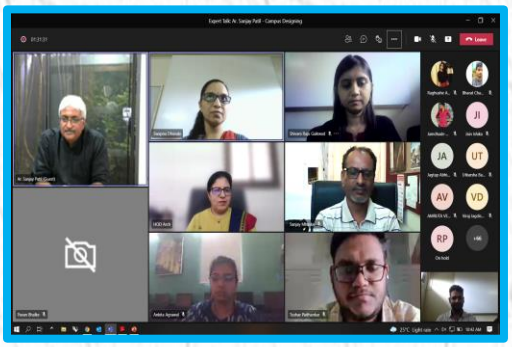
The invited Expert, Ar. Sanjay Patil (Principal Architect, Environ Planners Nashik) has a vast experience in shaping some of the remarkable institutional campuses.

Ar. Sanjay Patil completed his graduation from J.J College of Architecture. He has established his own firm named ***"Environ Planners" in 1981*** *in* ***Nashik***. His approach has always been respecting nature and using it as an integral design element.

Ar. Sanjay Patil talked about how each project site has inspired him for the design outcomes and concept development. He further discussed about the changing face of campus designing in the present and the future.







Department of Civil Engineering

Case Studies in Geotechnical Engineering

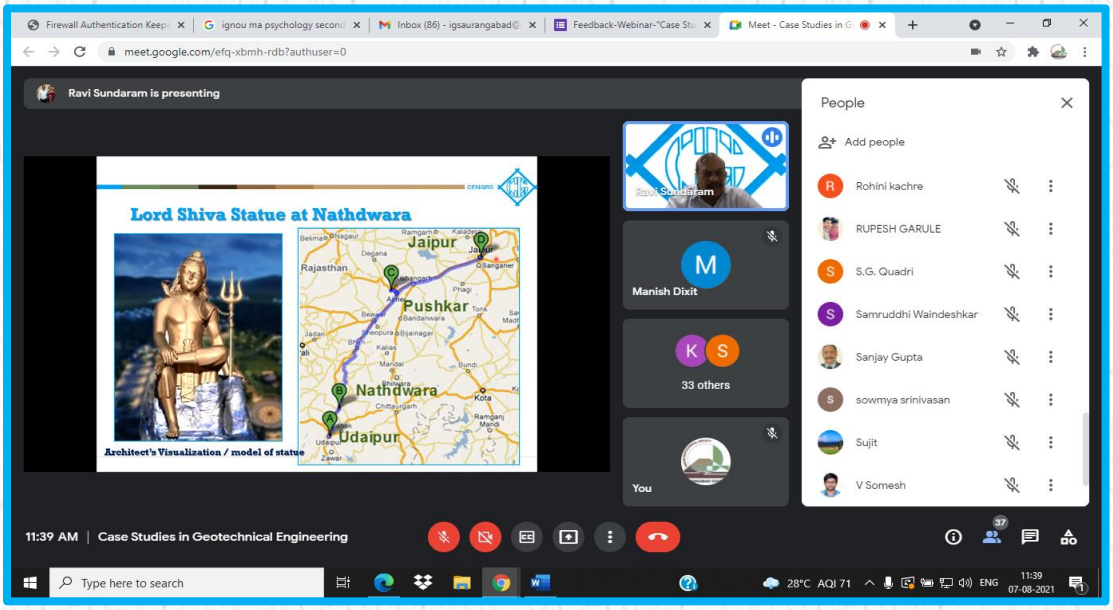
A Webinar on the topic "**Case Studies in Geotechnical Engineering**" was arranged by IGS Aurangabad Chapter in association with Civil Engineering Department, Marathwada Institute of Technology, Aurangabad on 7th August 2021 at 11:30 am. Er. Ravi Sundaram, Director, Cengrs Geotechnics Pvt. Ltd. Noida, India was the resource person. More than 80 participants (including students and faculty) attended the webinar.

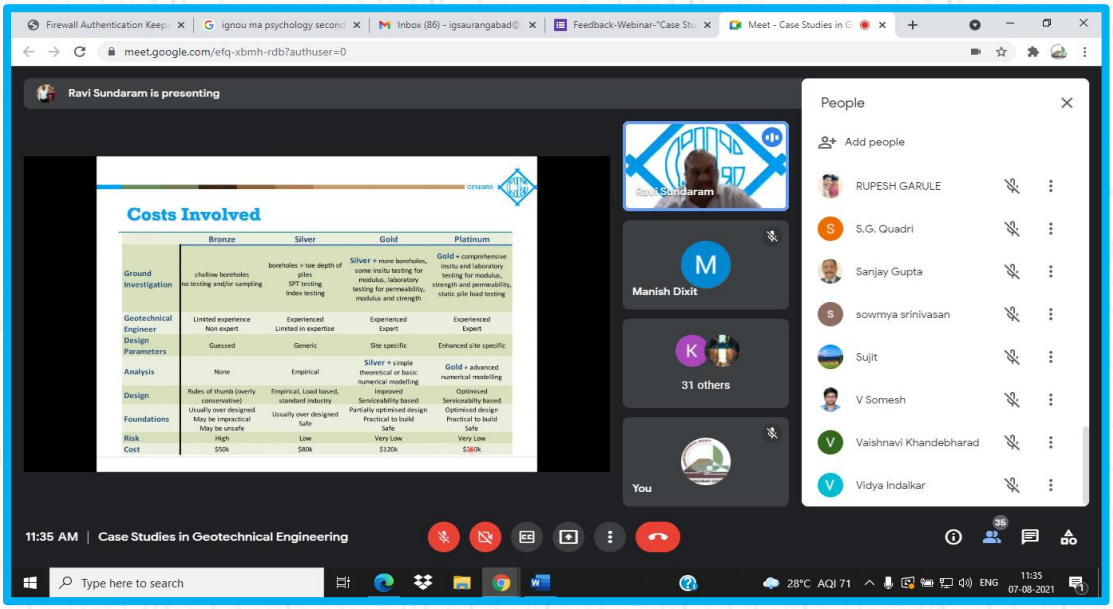
Er. Ravi Sundaram discussed different case studies in Geotechnical Engineering wherein the importance of geological and soil investigation was covered. The undergraduate were highly benefitted by his talk.

Dr. Manish S. Dixit introduced the speaker. Vote of thanks was proposed by Prof. S.G. Quadri, Joint Secretary, IGS Aurangabad chapter. Prof. S.N. Pawar and Prof. Y.D. Shermale took efforts in successful completion of the webinar.

Department of Civil Engineering

Case Studies in Geotechnical Engineering





Webinars…..

Department of Mechanical Engineering

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

- **Water Electrocatalysis: The Holy Grail of Energy Conversion and Storage**

Organizer: Dr. S.S Joshi, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.
Speaker : Dr. Rami Reddy Boppela, Research Professor, Yonsei University, Seoul, South Korea.
Date: 3rd July 2021 **No of participants :** 22

- **Product Development using 3D Printing**

Organizer: Dr. V. B. Pansare, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.
Speaker : Dr. Dattatraya Parle, Technology Expert at simulation centre Pune.
Date: 10th July 2021 **No of participants :** 55

- **Campus to Corporate: The Professional Career Journey**

Organizer: Dr. V. B. Pansare, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.
Speaker : Mr. Mahesh Gosavi, Head of Talent Acquisition, Disruption and Innovation @ Talent Acquisition Pune.
Date: 17th July 2021 **No of participants :** 111

Webinars…..

Department of Mechanical Engineering

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

- **360 Degree Personal Safety**

Organizer: Dr. V. B. Pansare, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.
Speaker: Mr. Jaideep Pansare, Senior Manager-Utilities, Bharat Petroleum Corporation Limited
Date: 24th July 2021 **No of participants :** 60

- **30 Hours Value Added Course On "Mechatronics and Industrial Automation"**

Organizer: Department of Mechanical Engineering, G. S. Mandal's Maharashtra Institute of Technology, Aurangabad

Date:19th June 2021 To 11th July 2021. **Attended by :** Prof. N.V.Kalyankar

- **Additive manufacturing and reinventing design and manufacturing**

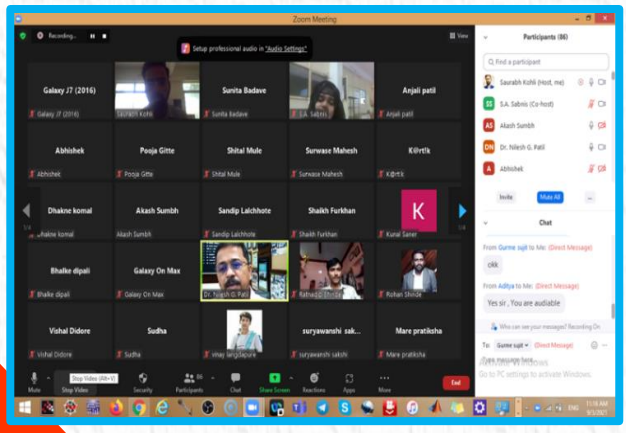
Organizer: Mcgraw Hill education

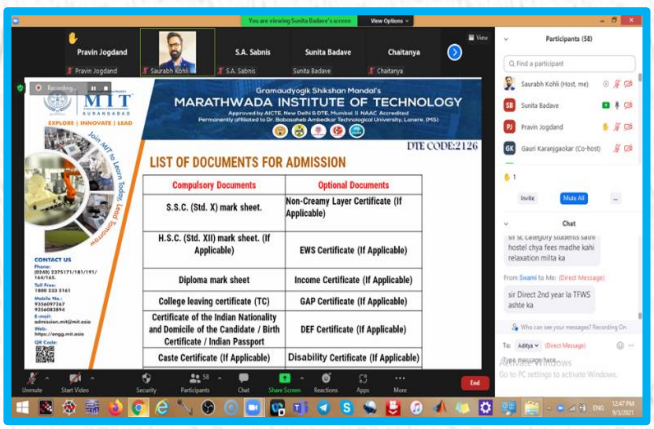
Date: 22nd 14TH July 2021 **Attended by :** Prof. N.V.Kalyankar

Department of Electrical Engineering

Admission Adjutant: A Gateway to Explore Electrical Engineering

The Department of Electrical Engineering had organized a webinar for guiding the students who wish to take admission in Direct Second Year.The program began with Online Deep Prajwalan in tuning with University song in presence of all dignitaries. In Inaugural session Dr.S.M.Badave, Head HEED) and Dr.N.G.Patil (Director) addressed the students. In main presentation Dr.S.M.Badave briefed audience about the career opportunities in Electrical Engineering and skill sets required. She also highlighted the available facilities at EED, Marathwada Institute of Technology Aurangabad. Soon after Prof.H.K.Waghmare explained the general Direct Second Year Engineering admission process in detail. Later program ended with vote of thanks after Questions and Answers session. Student from TY EE, Ms.Afsha Jabeen, anchored the program. Prof.A.H.Kardile, Prof. R.P.Shinde, Prof.S.I.Ali, Prof.G.D.Karanjgaokar, Prof. S.M.Mule, Prof.S.A.Sabnis and Prof. S.S.Kohli contributed to make this program successful.

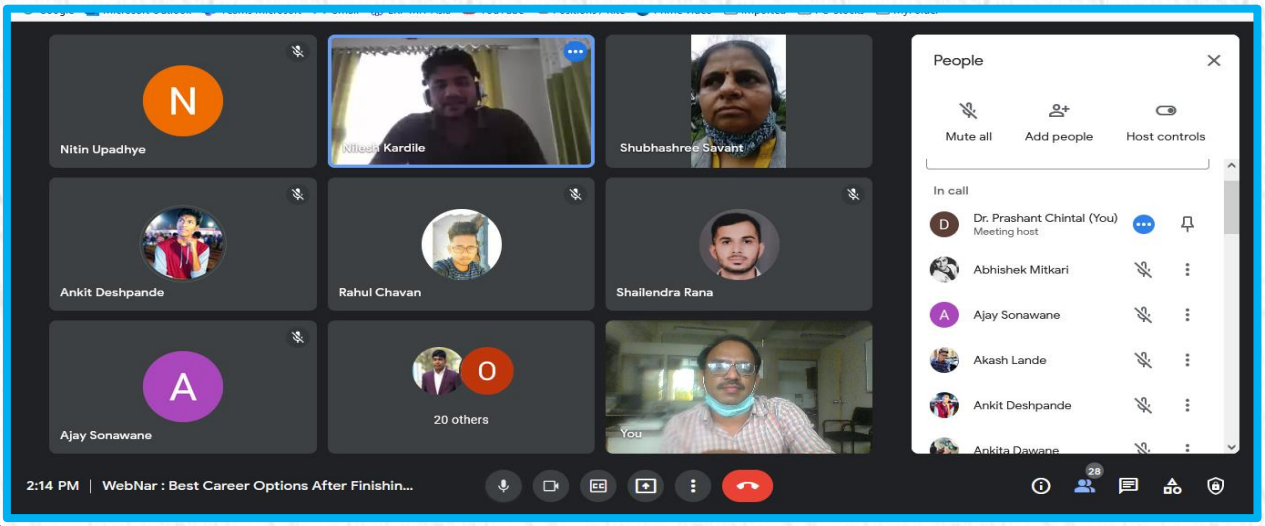




Webinars…..

Department of Computer Application

Expert talk was organize on “Best Carrier options after completing masters “ , Talk was delivered by One of the Alumni Nilesh Kardile



Department of Mechanical Engineering

Conference Attended

1. 21st IEEE International conference on Nanotechnology, Montreal, Canada

Attended by **: Dr. Shravanti Joshi** Date: 28 to 30 July 2021

Oral talk on 28th July 2021 **- Hierarchical Faceted Cesium Tin Iodide Superparticles for Solar Based CO2 Reduction**

Oral talk on 29th July 2021 **- Solar Induced CO2 Reduction Achieved by Halide Tuning in Cesium Titanium (IV) Mixed Perovskites**

2. Workshop on Universal human values for non teaching members of staff.

Organizer & speaker : Prof. V. M. Chidri, Department of Mechanical Engineering, Marathwada Institute of Technology. Aurangabad.

Date: 16 -21 Aug 2021 No of participants : 26

3. Training of trainers (TOT) in CNC programming and operation.

Organizer: **SANKALP-MAC** Date: 5th July 2021 to 6th October 2021

Attended by : Mr. Nameet Kumar Sethy

Department of Basic Science and Humanities

Department of Basic Science and Humanities, Marathwada Institute of Technology, Aurangabad organized an emotional sharing program for aspirants of professional education " Strength Booster Program".

The Present program was aimed at an emotional sharing program for aspirants of professional education Prof. Dr. Arti Mohanpurkar, Head, Dept. of BSH has given precise note and preamble of the institute and introduced the resource person.

The present session was in the form of dialogue and questions and answers to make it interactive.

Dr. Rachana Pole has delivered and guided the aspirants stakeholders to increase the acceptance and adaptability of this pandemic situation. She also added on professional career. She cleared the doubts about the pros and cons of the use of social media to the students. Later, She highlighted on physical and mental fitness. She had given tips to improve the immunity to during pandemic situation.

Prof. Jayshri Shastri Coordinated the Webinar The webinar ended with vote of thanks to Chief Guest, Dr. Rachna Pole, Dr. Arti Mohanpurkar Head, Dept. of BSHD. The Session was ended with distribution of E-certificate to all the participants.

Webinars…..

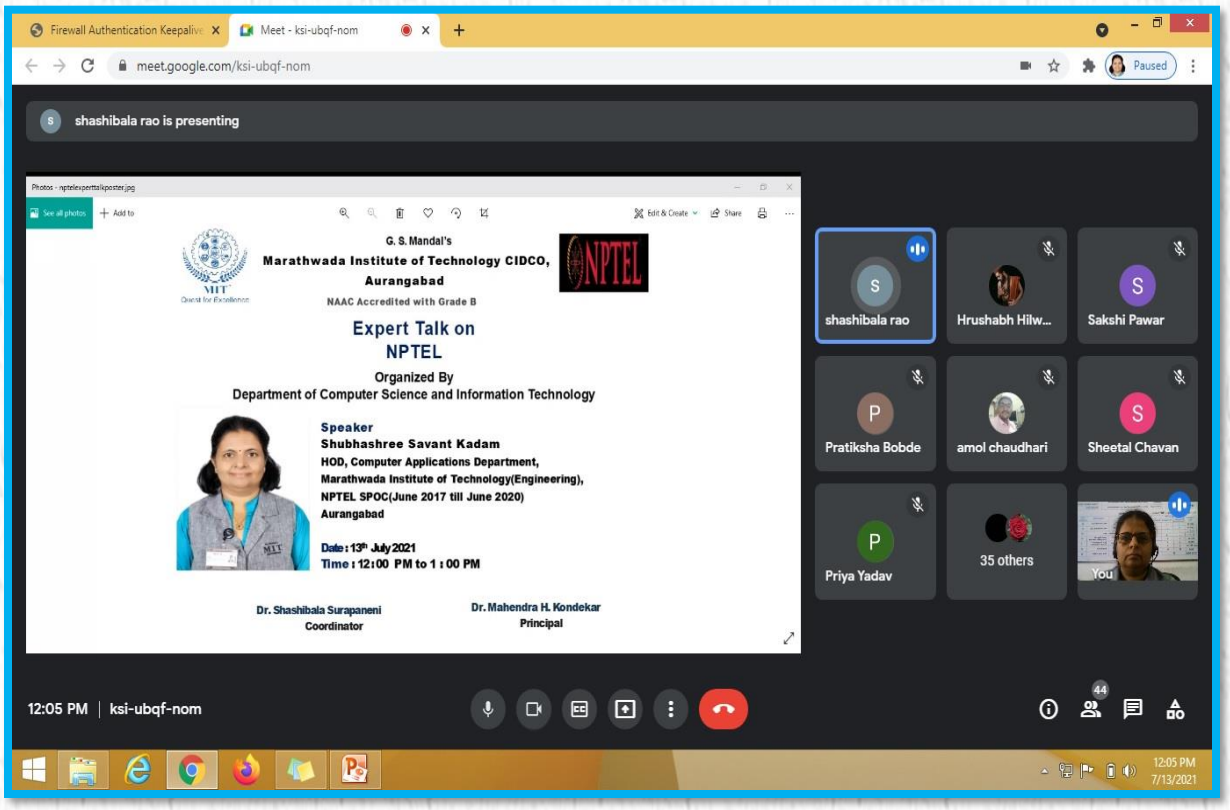
Department of Basic Science and Humanities

Webinar….

Faculty Achievements .....

Department of Computer Application

- Shubhashree Savant (Head, Computer Applications Department) delivered an expert talk on “NPTEL” on 13th July 2021. Session was organised by Department of Computer Science and IT, Marathwada Institute of Technology, CIDCO Aurangabad.



- Dr. Prashant Chintal has published research paper on “Predicting performance of students considering individual feedback at Online learning using logistic regression model” in ICTS 2020.

Faculty Achievements .....

Department of Civil Engineering

1. Dr. M.S. Dixit and Dr. M.N. Mangulkar **presented a paper** entitled "Comparison of Safe Bearing Capacity Based on Laboratory and Field Tests" In the 7Th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, IIT, Roorkee held online during July 12-15, 2021.

2. Dr. M.S. Dixit **delivered expert lecture** on the topic "Problematic Soils " on 5th June 2021 in Two days online faculty Development program on Recent Innovation in Geotechnical Engineering, (RIGE-21) organized by MGM's Polytechnic, Aurangabad.

3. Dr. M.S. Dixit **delivered expert lectures** in the Pre-Ph.D Coursework - 2021 for the students of Civil Engineering during 21st June to 25th July 2021 organized by Dr. Babasaheb Ambedkar Marathwada University ,Aurangabad.

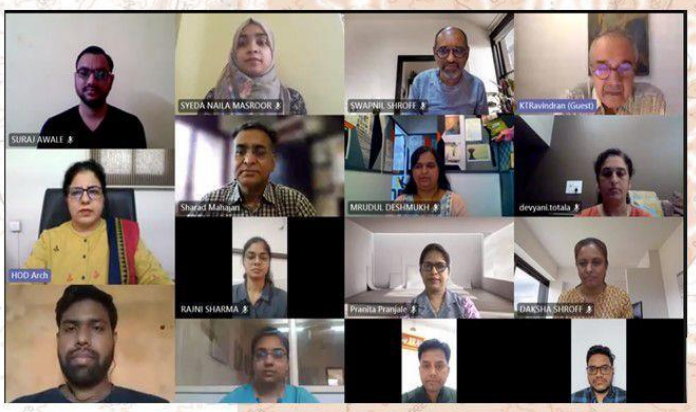
Students Achievements .....

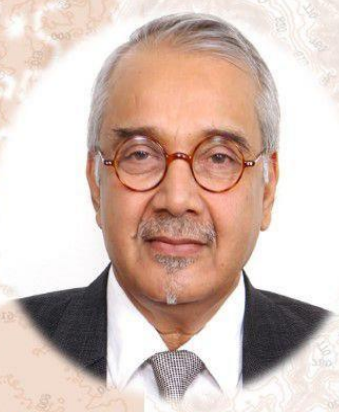
Department of Architecture

"THESIS ACCOMPLISHMENT, F.YR.M.ARCH, URBAN PLANNING , MIT, Aurangabad "

MIT Aurangabad - Department of Architecture
M.Arch Urban Design
Proudly Announces the success of the very First Batch

The students of Master of Architecture Urban Design 2019-2021 successfully defended the Thesis in the graceful presence of Eminent Architect and Urban Designer *K.T. Ravindran.*





Congratulations and Best wishes for a Bright Future……

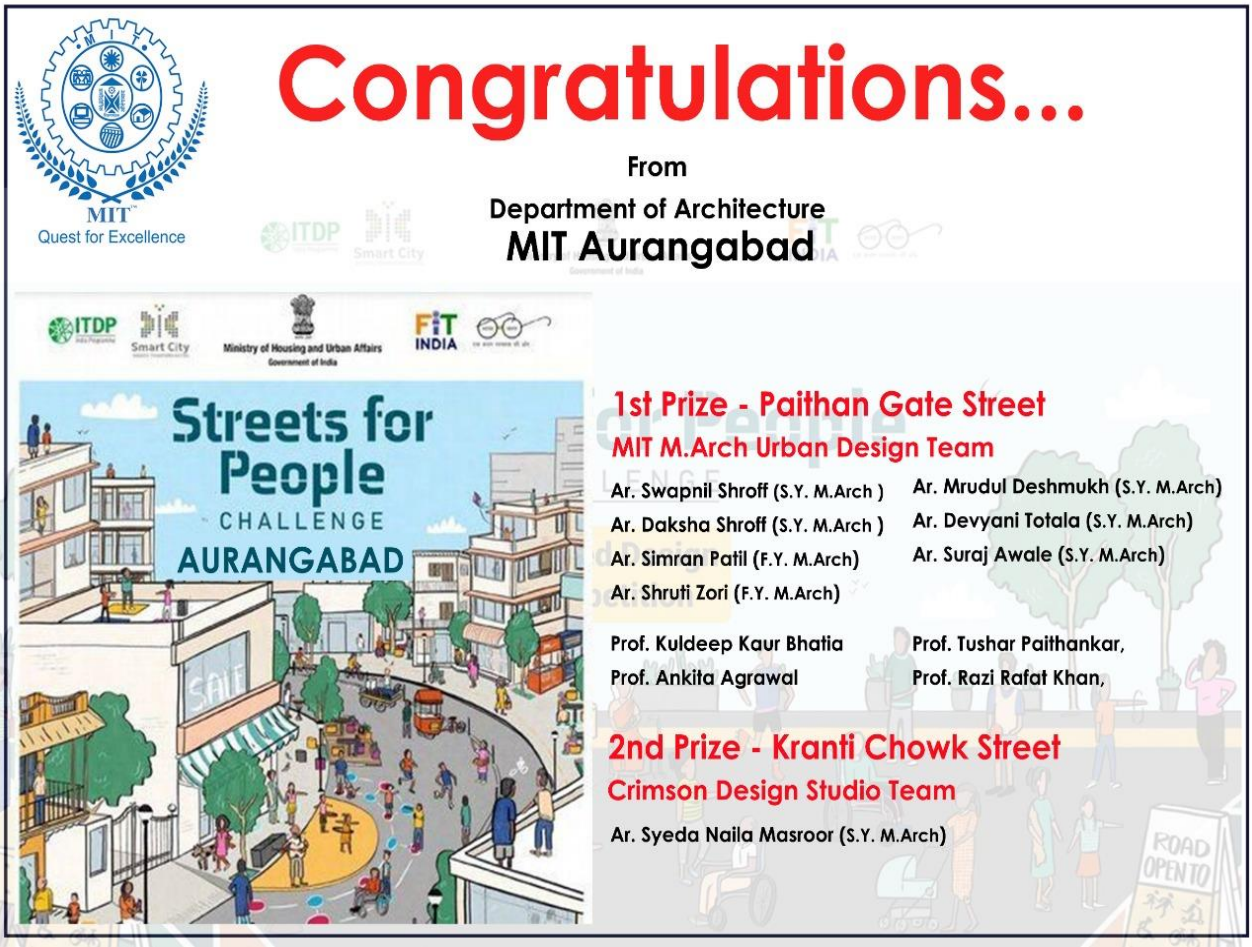
Department of Architecture, Marathwada Institute of Technology, Aurangabad.

Students of M. Arch Urban Design 2019-2021 successfully accomplished their Thesis through Eminent Architect and Urban Designer K. T. Ravindran.

Students Achievements .....

Department of Architecture

"STREET 4 PEOPLE "COMPETITION, Winners of First & Second Prize, M. Arch Urban Design Team, MIT, Aurangabad



Students of First year & Second year M. Arch Urban Design bagged the **First and Second prize** in Street Design Competition named ***"STREET 4 PEOPLE"*** organized by Smart Cities Mission, Ministry of Housing and Urban Affairs (MoHUA), Government of India.

Students Achievements .....

Department of Computer Application

Felicitation of following Placed Students from TYMCA-2020-21 is done on 30-08-2021

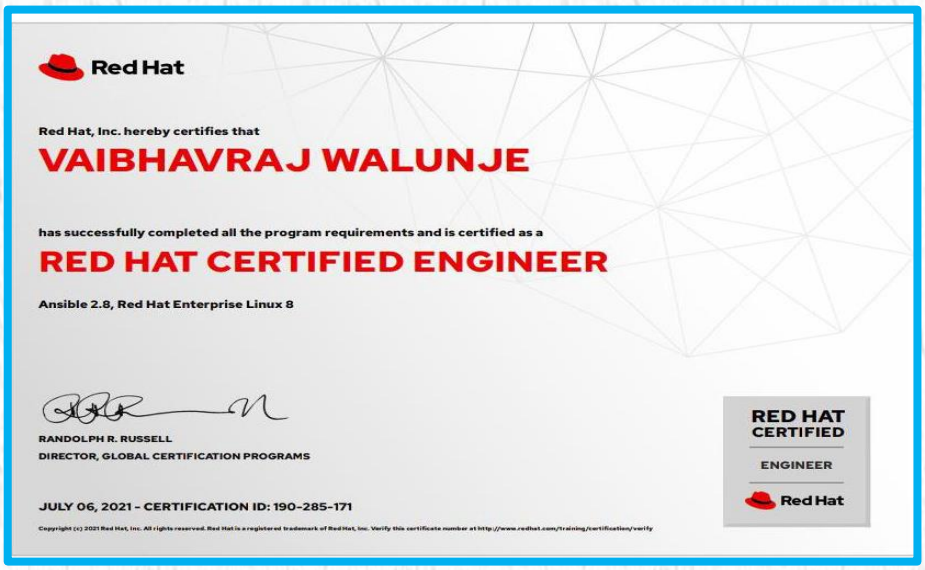
The event is anchored by Dr. Prashant Chintal and facilitation is by the hand of Dr. Nilesh Patil (Director , MIT) in presence of Shubhashree Savant (Head, CAD).

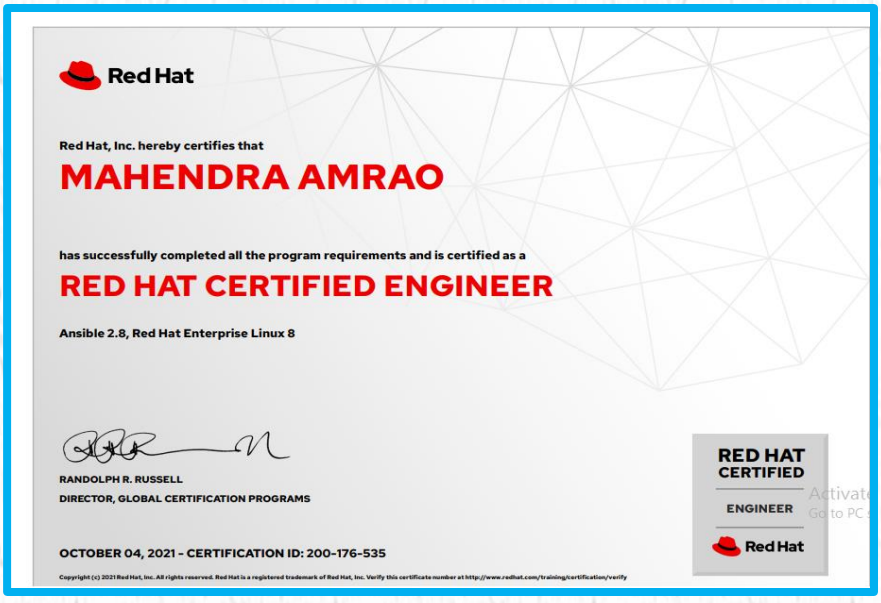
1Yeshwant Patil PubMatic, Pune (Red Hat)
2Rushikesh Ramesh Potbhare BlessLand Technologies, Pune
3Niranjan Yashwant Bhalerao Taashee Linux Service, Pune
4Abhishek Shastri Taashee Linux Service, Pune
5 Nilkita Telkhade Crest Data Systems, PUNE

Students Achievements .....

Department of Computer Application

Two students from CAD dept has been certified as Red Hat certified Engineer:- Vaibhavraj Walujne, Mahendra Amrao





Students Achievements .....

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

Sr. No.	Name of Student	Name of Company	Branch
1	Sayali Joshi	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
2	Saloni Pawar	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
3	Manas Peshwe	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
4	Amol Muley	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
5	Ankeet Vishwakarma	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
6	Vaishnavi Badoge	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
7	Shreya Chourasia	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
8	William Shepherd	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
9	Raj Chaudhari	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
10	Sagar Bhivsane	iASYS Technology Solutions Pvt. Ltd.	B.TECH (Computer Science & Engineering)
11	Tanay Vaishnav	Byju's Think and Learn Pvt. Ltd.	B.TECH (Mechanical Engineering)
12	Rishikesh Gaikwad	Byju's Think and Learn Pvt. Ltd.	B.TECH (Electrical Engineering)
13	Apurv Kulkarni	Tudip Technologies Pvt. Ltd.	B.TECH (Computer Science & Engineering)
14	Namrata Rajput	Tudip Technologies Pvt. Ltd.	B.TECH (Computer Science & Engineering)
15	Himanshu Sankhala	Neeyamoworks Pvt. Ltd.	B.TECH (Computer Science & Engineering)
16	Ritesh Rathod	Neeyamoworks Pvt. Ltd.	B.TECH (Computer Science & Engineering)
17	Govind Shinde	Infosys Limited	B.TECH (Computer Science & Engineering)
18	Sayali Joshi	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
19	Rupesh Solanki	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
20	Paras Padhariya	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
21	Sayali Gharule	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
22	Shraddha Jawale	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
23	Vaishnavi Deshpande	Redhat India Pvt. Ltd.	B.TECH (Computer Science & Engineering)
24	Darpan Khera	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
25	Harsh Pardeshi	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
26	Mahesh Bashire	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
27	Niket Bassaiye	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
28	Onkar Lolge	Tata Consultany Services Ltd. (TCS)	B.TECH (Computer Science & Engineering)
29	Abhishek Swami	Accenture	B.TECH (Computer Science & Engineering)
30	William Shepherd	Accenture	B.TECH (Computer Science & Engineering)

Students Achievements .....

Students selected in Red Hat India Pvt.Ltd.

Students selected in Byju's Think & Learn Pvt.Ltd.

Students Achievements .....

Students selected in TATA Consultancy Services Ltd.

Success Story.....

Through the Lens.....

Through the Lens.....

Madhav Anantawad , TY, EE

Anushree Raghuse, TY, B.Arch.

Through the Lens.....

Abhilash Jagtap-Third. Yr.B.Arch

Sketchploration.....

Art Works.....

Prabhjyot Kaur-T.Y.-Electrical Engg.

Art Works.....

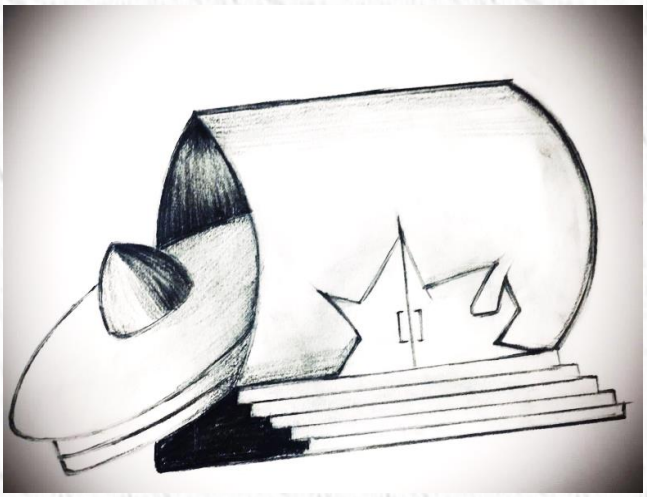
Abdul Haque Amaan-T.Y.-B.Arch.

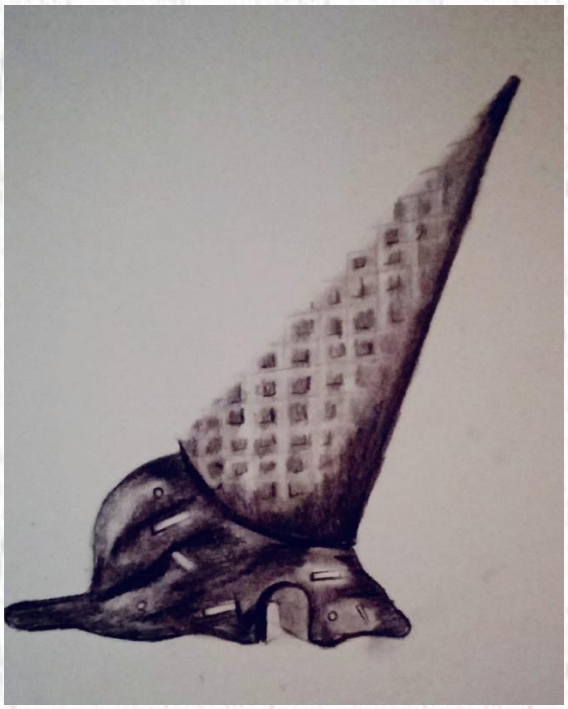
Art Works.....

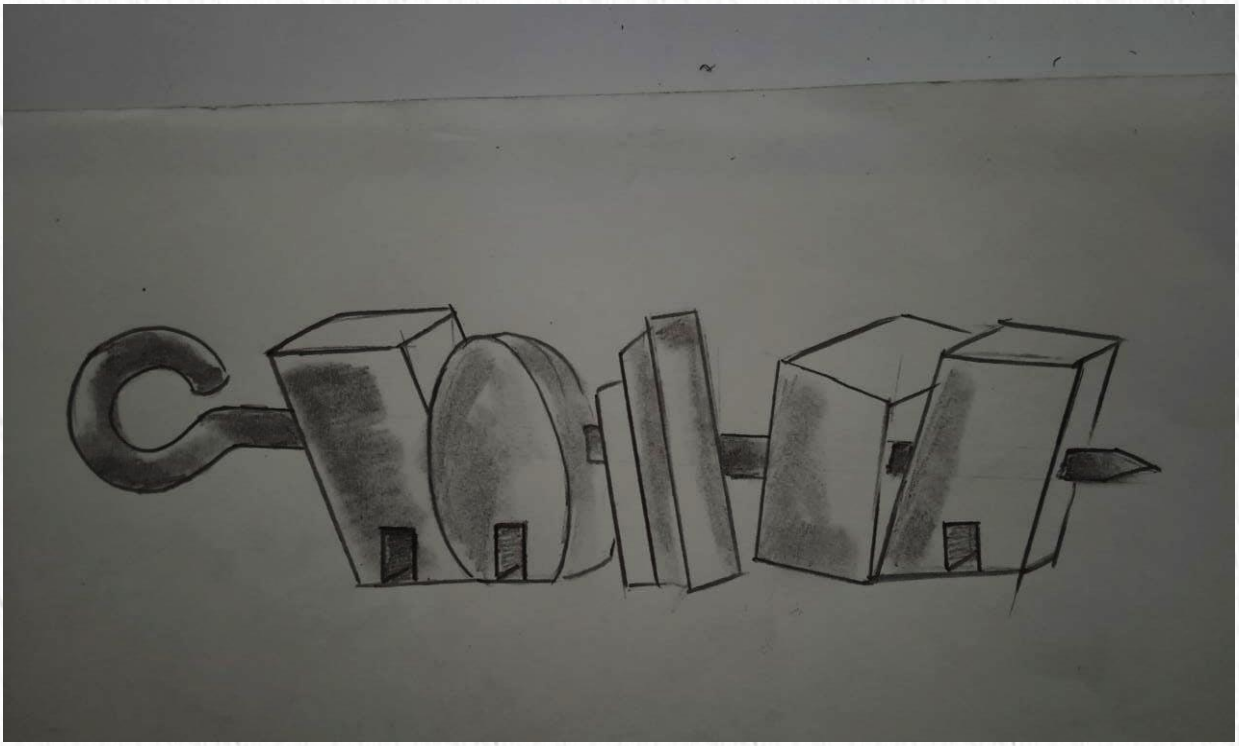
Expression of Ecosystem through Sketch,
T.Yr.B.arch ,
Subject -Landscape Design –I

Vaishnavi Chopde
Third Yr. B.Arch

Art Works.....







Conceptualization Exercise for Food Mall by First Yr. B.Arch Students

Life @ MIT.....

The Candid Moments.....

Life @ MIT.....

The Candid Moments.....

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