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TowardsBuilding a Sustainable Community

MARATHWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

Publishing

MIT
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MARCH- 2019

Campus Chronicle.....



INNOVATION

CREATION

TECHNOLOGY

MIT

SUCCESS

LEARNING

ACHIEVERS

DESIGNERS

Annual Cultural Event.....

KALAVIHANGAM – 2019 : 6th to 8th March 2019.

The most awaited and exciting event of the year of MIT i.e. Annual Social Gathering - **Kalavihangam 2019** was organized from 6th to 8th March 2019. As MIT believes in all round development of students, Kalavihangam provides students the platform to show their talents apart from academics.

The chief guest of the event was Dr. Satish Jayaram, Principal, Institute of Hotel Management, Aurangabad and Director General of MIT group of institutions, Prof. Munish Sharma presided over the event. The event saw the beautiful amalgamation of acting, drama, singing and dancing skills of the students. Also a fabulous musical band from Mumbai called Kabir Café performed on the 1st Day.



Annual Cultural Event.....

KALAVIHANGAM – 2019 : Glimpses....



Workshop

Department of Civil Engineering

Two Days Workshop was organized on **“Research Methodology and Data Analysis Techniques”** on dated 29th and 30th March, in association with Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The objective of the workshop was to develop awareness about research method applicable to various streams of Engineering and Technology.



Events

“The Role of Internal Complaints Committee”

Internal Complaints Committee (ICC) of MIT had arranged a talk on topic “The Role Of Internal Complaints Committee” on 16th march 2019 (11:30 am to 1:00 pm) at main Auditorium of MIT campus. ICC had made a plan to make aware on the occasion of world women’s day regarding the sexual harassment of woman at work place, prevention, protection. Adv. Archana Gondhalekar was invited to deliver an expert talk. She is the chairman of local complaint committee under sexual exploitation of woman at work place (prevention, protection and redressal) Act 2013.

Speaker explained about the role of ICC, how and why this committee is formed . She also explained about the process if someone from the institute wants to enrol the complaint. This session was attended by all students and faculty of all departments and ICC members, of Marathwada Institute of Technology.



Department of Mechanical Engineering

- One week STTP on Advances in Materials and Manufacturing Technology was organized from 01/03/2019 to 06/03/2019.
- Department of mechanical engineering organized this STTP along with Dr. BATU, Lonere.
- The STTP was organized under the aegis of TEQIP-III.
- Professors, researchers and industry experts from Europe and India delivered sessions during this STTP.
- Along with the sessions from eminent speakers a visit to Indo German Tool Room, Aurangabad was also organized so that participants can see state of the art manufacturing technology.
- A SPIKE demonstration was also given to participants.



Events

Speaker	Organization	Topic
Dr. Jan Dzugan	COMTES FHT, Czech Republic	•Additive Manufacturing •Cold Spray Technology
Dr. Dipak Marla	IIT Bombay	•Laser based micro/nano manufacturing •Micro-manufacturing using electric discharge and electrochemical process
Dr. S. B. Deosarkar	Dr. BATU Lonere	•Activities under TEQUIP
Dr. Atul Saraf	CSMSS Aurangabad	• Photochemical Machining
Dr. R. S. Pawade	Dr. BATU Lonere	• Ultra-precision machining (Diamond Turning)
Dr. Soham Majumdar	IIT Bombay	Micro-machining
Mr. Amol Thakur	Pratisthan Alloys, Aurangabad	• Material Characterization: A case study
Dr. D. G. Thakur	DIAT, Pune	• Surface Engineering: State of art and advantages • Product Design
Dr. C. L. Gogte	MIT Aurangabad	• Advanced processing of tool materials
Dr. Shankar Biradar	MIT Aurangabad	• Synthesis of nano materials
Dr. N. G. Patil	MIT Aurangabad	• Wire EDM of metal matrix composites

Events

Glimpses....



Department of Electrical Engineering

Industrial Visit to M/s Proton Electromotor Pvt Ltd. Chikalthana

The TE students MIT(E), Aurangabad of Electrical Department had visited Proton Electromotor Chikalthana Aurangabad. The sections of the industries visited were Motor rewinding section, Stator and rotor section, Motor assembling section, High voltage testing section, Block rotor testing section, Load test of Induction Motor, Insulation test stator winding.

The students observed the three and single phase Induction Motor whose task includes data collection, scanning, event reporting and recording, voltage control, power control, frequency control and other automatic and semiautomatic control. Later the motor dispatch section where more finished Induction motor were kept.



Department of Electrical Engineering

Visit to Biogas Plant of MIT College

Biogas Plant of MIT College is located behind Boys Hostel on the back side of boys hostel Mess. It is prepared under the guidance of Dr. Kishor Kulkarni. 48 students of BE Class had visited this plant. Biogas Plant has inlet outlet and digester with fixed dome type of Capacity 18 m^3 . and its capacity of generating methane gas is nearly amount 4.7 Kg. The Dome type Biogas plant of MIT college is made of Ferro Cement Concrete material for better mechanical and physical strength. The objectives of this visit was to study the types and construction and working principle of biogas plant and its application in cooking for boys hostel mess.



Department of Electrical Engineering

Industrial Visit to 10MW Panama Solar Power Project , Georai 80MW Panama Wind Power Project, Georai Samarth Sugar Factory, Ankushnagar

SY(EE) students of Electrical Engineering Department of MIT(E), Aurangabad had visited 10MW Panama Solar Power Project, Georai , 80MW Panama Wind Power Project, Georai and Samarth Sugar Factory, Ankushnagar on dated 29th March 2019. The students had acquired knowledge regarding installation, operation and maintenance of Solar PV Power Plant. Students learned how the solar panels are connected in strings, how strings are connected to String combiner box, observed various sensors and tools used at solar PV Plant. The students had acquired knowledge regarding site selection, importance of historical data of site, installation procedure, operation and maintenance schedule of Wind Power Plant.



Department of Electrical Engineering

Continued....

Students learned how the distance between two wind mills is decided and varies as per the site. Students learned the importance of maintaining distance between two wind mills, different types of maintenance required while operating wind power plant. The overall stages in generation of electrical energy in Solar PV power plant were demonstrated. Students also learned the role and skills required of each person to run the Solar PV Project. The students had acquired knowledge regarding process of production of sugar from sugar cane, Electricity Co-Generation from biomass waste- Bagasse, Production of Ethanol. Students also learned different types of maintenance required while operating such plants



Department of Masters of Computer Application

Industrial Visit to Hyderabad

Industrial visit at **Cyient Ltd.** Held on 02/03/2019 in two session morning and afternoon. In the morning session Mr. Nishant sir provided brief information about company such as various sectors the company runs and different services offered by company such as product engineering, process engineering, networks and operations, design led manufacturing, geospatial etc. In the afternoon session Mr. Shrikant sir gave presentation on solution model for agriculture sector. He spoke about major projects going on the agriculture field and how recent computer technologies are beneficial.

Industrial visit at Cyient Ltd. Held on 02/03/2019 in afternoon session. In this session Mr. shrinivas sir gave brief information about Synchroserve Ltd, NSDL sponsored courses. Then Mr. Kadir sir discussed about NSDL center is fulfilling needs of students through training, assessment and placement. The visit was also included demonstration of 2D and 3D Lab of animation, Chemical Lab, Cleaning Operations, etc.



Department of Architecture

“Case Study Visit to Deulgaon Raja, Buldhana District.”

Department of Architecture organized one day tour for fifth year architecture students for the subject Vernacular Architecture.

Purpose of the study

- To study the Settlement and Architectural Elements of Deulgaon Raja.
- To study and understand the spatial organization of existing scenario at Deulgaon Raja.
- To Study and understand the housing of natives through measurement drawings of dwellings.

The students along with the faculty started from Aurangabad at 4:00 am on 16th March 2019 and returned on the same day at 8:00 pm. The students were divided in groups according to the different tasks and aspects to study and document. Also students were given a Design brief and History of Deulgaon Raja before visiting Deulgaon Raja. The students and faculty visited different places of Deulgaon Raja i.e. Temples, Step-wells, Samadhi and a traditional house “Wada” of Deulgaon Raja



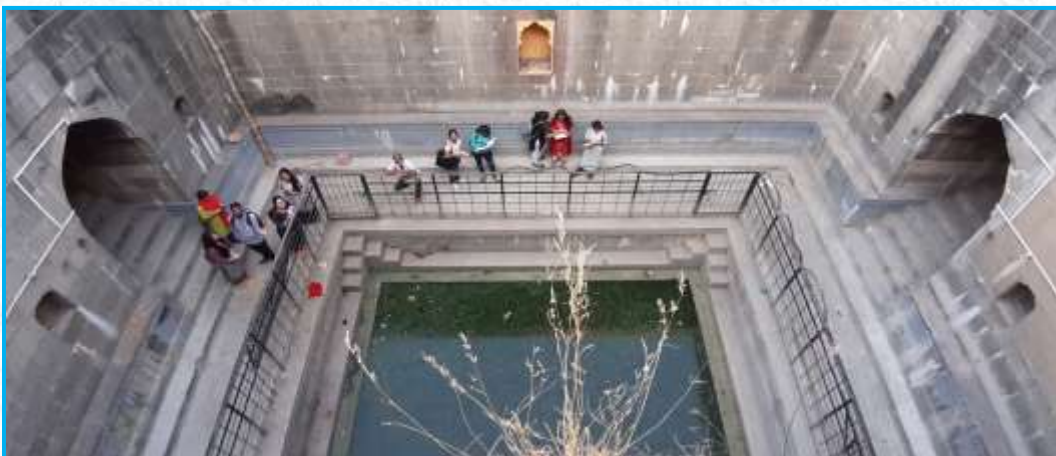
Department of Architecture

Continued.....

Students were divided into the groups under different tasks like, Measurement drawings of houses of natives, the step-wells and the Darwazas. Sketching and Photography of different places under different aspects of the study. Observation and interaction with local people involved in various professions.

A native gentleman Mr. Anant Telang who is a teacher at the high school in Deulgaon Raja, allowed the students to study his ancestral traditional house to observe the spatial organization and spent his valuable time interacting with the students and faculty and also touring them through the other architectural marvels of the village.

The students took detailed measurements of architectural features of the Dwellings, Step-wells, Tomb such as the Columns, Chatri's, the roofing patterns, bracket designs, etc. Students also did live sketching with different techniques and coloring methods at different locations and timings.



Department of Architecture

“Site Visit at Samarth Nagar Road ”

Subject: Landscape design

Date: 09th March 2019

Site visit was organized for second year students for the subject of Landscape design at Samarth Nagar, Nirala Bazar in the Aurangabad Region. Purpose of the visit was to do the detailed survey of the road median from Veer Sawarkar Chowk to Tapadiya Natya Mandir Circle. Students were divided into different groups under different aspects of the study i.e. Measurements, Surroundings, existing trees on the site types of vegetation in the road divider.

Students documented the measurement of road divider, centre to centre distance of the trees, dimensions of the road and existing road islands.

Site visit was very helpful for students as it is a live project work. And students are also curious to know the plant species and documents its details through the android app “PLANTNET” 20 students were accompanied by a faculty coordinator Prof. Anupama Morankar.



Felicitations.....

Department of Basic Sciences and Humanities

The Department conducted a program to appreciate and felicitate Prof. J.R. Gaikwad, faculty of Mathematics on his completion of M. Phil and Dr. G.S. Kakade faculty of English on his completion of Ph.D. This program was conducted on 16/03/2019 in Main auditorium hall at 12.30 pm. Prof. J.R. Gaikwad has been awarded M. Phil on his thesis entitled **“Study of Some Methods on Oppressions Research”** under the guidance of Dr. K. P. Ghadale, Professor Dept. of Mathematics, Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

Dr. G.S. Kakade, faculty of English on his completion of Ph.D. entitled **“Post 9/11 Literature”** under the guidance of Dr. Kuldeep sing Mohadikar, Asst. Professor Dept. of English, Shree Shivaji Arts and Commerce College, Amravati as the highest degree of university on May 2018.



Felicitations.....

Department of Basic Sciences and Humanities

Prof. R.D. Mahajan and Head, Prof. S.R. Andhale felicitated Prof. J.R. Gaikwad and Dr. G.S. Kakade with sapling and gift as a token of love of the department.

Both had expressed their thought on this occasion and thanked the Management, Principal and authorities of MIT and Department for giving an opportunity.

All faculty members were present for the felicitation programme and were helpful in making the programme successful. Prof K.A. Atkare anchored the program and also proposed vote of thanks. Mr. S R Quadri and Mr. Anand Shirse has also worked for this event.



Expert Talk.....

Department of Computer Science and Engineering

Department has conducted the guest lecture on “The red Hat Experts” in MIT Aurangabad for Expert Session and Orientation on Open Source Technology, it was conducted in Main Auditorium Hall, Marathwada Institute of Technology on 26th March 2019. The chief guest of the program was Mr. Aneesh Puthiya Valappil, Head, Sells and Account Red Hat India. This program was organized for the all the student of MIT. He has covered all the aspect related with it during his speech such as he highlighted that what is the importance Open Source Technology and job opportunities for the new comer in this field. He also emphasis on skill development, application, market area which are equally important for the students those who are interested. He has also taken review on current scenario of market area.

Mr. Aneesh Puthiya Valappil has delivered the talk on Current Trends in Orientation on Open Source Technology. He has given information about the basic knowledge it.



Department of Electrical Engineering

Seminar on MIT Single Line Diagram

The seminar was conducted by students of BE EEE Vaibhav Tayade, Vishvesh Pawar, Aarti patil, Maheshrwari Deshmukh, Poonam Runwal.

The Seminar included case study on 'SINGLE LINE DIAGRAM OF CURRENT POWER SYSTEM IN MIT CAMPUS'. The seminar started with an introductory part about electrical scenario of MIT.

Also the reasons of substation installation were provided. After introduction proposed system part about the newly installed substation and testing report of transformer was also included. Single line diagram of power system part was later explained. In this part need of single line diagram and how to make single line diagram was covered. Also the introductory part of Electrical monitoring software in MIT campus.



Achievements.....

Marathwada Institute of Technology receives best Red Hat Academy 2018 award.



Gramasthesh Shiksha Mandal's
MIT
A Group of Academic & Research Institutions
AURANGABAD



BEST RED HAT ACADEMY 2018 AWARD TO MIT, AURANGABD

Prof. Munish Sharma,
Director General MIT, Prof.
Dr. N.G. Patil, Principal
MIT congratulate all the
concerns for the
achievement.



Prof. Suresh Bhawar Receiving Red Hat Academy Award
from Arun Eapen and Monica Guhani

Campus Diary..... Success story.....

Students Achievements.....

Department of Mechanical Engineering

During March 2019 following students from department got placement offer from different companies.



Name : Sameer Pathak
Company : Extramarks Education Pvt. Ltd.
Designation: Business Development
Executive
Package : 3 LPA



Name : Zueb Nomi
Company : BYJU's Education Pvt. Ltd.
Designation: Business Development
Executive
Package : 10 LPA



Name : Kedar Mahajan
Company : Endurance Technologies Pvt. Ltd.
Designation: Graduate Engineer Trainee
Package : 2.75 LPA



Name : Sairaj Tandulwadikar
Company : Endurance Technologies Pvt.
Ltd.
Designation: Graduate Engineer Trainee
Package : 2.75 LPA

Students Achievements.....

Department of Electronics and Telecommunication Engineering

Department Students participated and selected for National level event
“Spree 19,BITS Goa”

Sr. No.	Name of Student	Class	Sports	Duration
1	Shardul Datar	BE	Badminton	24-03-2019 To 2-04=2019
2	Akshay Bangal	TE	Volleyball	24-03-2019 To 2-04=2019
3	Shivam Sambyal	TE	Volleyball	24-03-2019 To 2-04=2019

Industrial training for Third year students was organized for Web based training.Faculty coordinator- Ms.M.R.Vargantwar

Sr. No.	Class	No of students	Name of Industry	Duration
1	TE	16	Web based training at Endress Hauser,waluj, Aurangabad.	19-03-19

Department of Masters of Computer Application

21 Students Gets "Technical Writing" Certification

21 students received 'Technical Writing Certification' in the degree course of Bachelor of Vocational (B. Voc.) In the Marathwada Institute of Technology. This course has been commenced from the academic year 2018-19. All India Council for Technical Education has started the B. Voc. degree course based on Skill Development for the purpose of creating employment and self employment. There are multiple exit options like diploma / Advanced diploma / degree in this field. The curriculum for this degree is run under the rules of the National Skill Qualification Framework and National Skill Development Corporation. 'All India Council for Technical Education' has recognized the course and affiliated to Dr. Babasaheb Ambedkar Technological University, Lonare.

The curriculum (B. Voc.) is prepared on the basis of business. It also includes comprehensive general education based on National Occupational Status (NOS). So, this course is coordinated between colleges and industry. Since the main role of this degree syllabus is a job related. It helps students to get jobs and start their own business.

The degree / diploma students should get knowledge of the skills required at work. They should get the mastery in those skills and a good job based on the acquired knowledge and skill or they should start their own business. Even, there should be created a trained manpower at different levels. This is the main purpose of this course.

Students Achievements.....

Department of Masters of Computer Application

Continued.....

In accordance with Synchronizer Pvt. Ltd., Hyderabad, 'Technical Writing' Qualification Pack has been completed at Marathwada Institute of Technology, Aurangabad here. The students admitted into this are successful.

Principal Dr. Nilesh Patil and Dr. Mahendra Kondekar Head, The Department of Computer Applications inspired offering certificates to the successor.



Departmental Parent Meet.....

Department of Masters of Computer Application

On 16th March 2019, Parent Meet was conducted for Class of F.Y/ S.Y.- MCA and F.Y. –B. Voc. At Computer application department, co-ordinated by Prof. Vrushali Bhuyar between 1.00 – 3.00 PM.

Total 10 parents from FYBVoc and 6 from MCA, total 16 parents were present for the meet.

Topper's of FYMCA, SYMCA and FYBVoc 2018-19 Part-I were felicitated by the Vice Principal (Academic) Dr. Sayyad Aziz and their parents.

Dr. Sayyad Aziz Vice Principal (Academic) MIT(E) interacted with parents about the performance of the students. Parents were advised to cooperate with institute for the overall growth of the Parent has given the feedback related to organization, faculty and over all performance of their ward. Parents appreciated the initiative taken by department.



Activities.....

- Prof. A.A. Ratnaparkhi and Prof. Sajed Khan Pathan attended one week QIP STTP on **“Advances in water Management”** organised by Department of Civil Engineering SGGSI of Engineering and Technology, Nanded, from 11th to 15th March 2019 .
- Prof.A.V. Pathak, Prof. C.A. Aherkar, Prof. R.N. Chatoriakar, Prof. A.P. Jaiswal and Prof. Y.D. Shermale has successfully completed an online course on **“Financial Literacy”** under College to Corporate (C2C) programme conducted from 19th Feb. to 18th March 2019 the course was conducted by IIT Bombay.
- Ms.Zainab and Mr. Deliver seminar on Entrepreneurship development for SE and TE students of Department of Computer Science. Coordinated by Prof.R.B.Naik and Prof. Priyanka Sonavane.
- Mr Gaurav C Kad Given seminar on WEB Designs and Python Programming with hands on demonstration to SE,TE and BE CSE Students ,On 16/03/2019. Coordinated by Prof.R.B.Naik and Prof. Priyanka Sonavane.



Creative Buzz.....



प्रेमाची बोली आहे
मायेची सावली,
वैरानी वैर वाढतात
सांगतात ज्ञानोबा माउली।
थोडे दिवस आलो आहोत
सर्वासोबत प्रेमाने वावरा,
राग,द्वेषाची भावना सोडून
नवीन जोमाने वावरा।
श्रीमंत असल्याचा तुम्ही,
करू नका हर्ष।
कारण केंव्हाही गरिबिला,
होऊ शकतो स्पर्श।
आजकाल एकमेकांना बोलायला,
वेळच नाही।
पहिल्यासारखा राहिलेला तो,
काळच नाही।
जीवनाच्या वाटचालीमध्ये,
येतील खूप समस्या।
त्यांच्यावर सहजरीतीने,
मात करण्याची असू दया तपस्या।
जीवनातील संपूर्ण स्वप्न,
पूर्ण होतील अशी ठेवा क्षमता।
जशी एका आईची असते,
आपल्या बाळावरची ममता।

-समाधान दौंड
(TE, EEE)

काल तिचं असणं

काल ती फक्त आशा
होती,
आज माझी निराशा
आहे।

काल ती फक्त माझी
होती,
आज नजाने कोणाची
आहे।

काल ती माझं हसनं
होती,
आज माझा रडणं आहे।

काल ती फक्त आनंद
होती,
आणि आज फक्त दुःख
आहे।

काल ती स्पर्श होती,
तर आज फक्त आठवण
आहे।

काल आम्ही "आपण"
होतो,
आज फक्त मी आहे।

काल तीला मी शिकवतं
होतो,
तर आज ती मला
शिकवून गेली।

Adesh Anjali Sandip Borase
S.Y. Electrical Engg.

Memories.....

So many memories we have made together
As the year have slowly passed
Tears may have been cried
But our laughter drowned them all out.
Sharing my deepest most secret
Till one in the morning at your house.
Talking forever about things, Until our words just ran out
But now you must leave, And I'll stay behind
Who will I call, When I just need to talk?
Who will u lean on, When your problems weigh you down?
Who will laugh at my jokes?, Who will make you smile.
I can't tell you the answer, To the questions I have.
But I want you to know I will always love you a lot.
And when your heart is troubled,
I want you to think of me.
Remember the times of our joy we have shared
And may be it will make you smile.
AND SINCE YOU CAN'T TAKE ME WITH YOU,
Take the memories we have made
And cherish them, As I always will.

Parima Wayal
S.Y. Architecture

Through the Lens.....

Capture the happy moments in your life,
In case of rough times they keep you alive.

– Khushbu Suthar



Through the lens.....

यहां तक कि पहाड़ भी मुस्कुरा सकते हैं!



©anandgaonkar_swaresha

Prof. Anupama Morankar



A
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Jyoti Biyani



Through the lens.....

Pratik Dulani



Pranav Pujari



Shrawani Palwe



ARCHITECTURE

Snehal Jain



Madhusudhan Lahoti

From notebook to Canvas.....



Art Works.....



Abhilash Jagtap, B.Arch



Shrawani Palwe, B.Arch



Ankita Mundada, B.Arch



Kushal Chhajed, B.Arch



Shaunak Vaidya, B.Arch

Life @ MIT.....the candid moments



Life @ MIT.....the candid moments





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