



M.I.T B'TECH

*The Harder you
work the better
you get.*

MECH-ZINE 2022



Maharashtra Institute of Technology

19th EDITION
Mechanical Engineering MechZine

Forward From The Editorial Team

Mechzine is a flagship quarterly newsletter cum magazine of the Department of Mechanical Engineering. We the editorial board are pleased to provide the readers with a diversity of articles catering to diversified fields. The dynamic accomplishments and involvement of the students have provided our writers with a wealth of interesting to pictures to share with you. Outside the academic realm, Our students are involved in many organizations and activities.

Committee Members

| | |
|---------------------------------------|--|
| Patron Editor (Head of Department) | Dr. A. J.Keche |
| Executive Editor | Prof. M.N.Farooqui |
| Mechzine President | Sudhanshu Bhurse |
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Farewell

06.08.2022



The Farewell Function was conducted by the Mechanical Engineering Department. The program was started by the speech of our Head of Department Dr. A. J. Keche sir. All the students were felicitated. Later the final year students were asked to give their opinions about the Institution and the Staffs.



Mesa Formation

30.06.2022



MESA is among the most active student bodies in the Institute. Mentored by experienced faculty members of the Mechanical Engineering Department. On 30/06/2022 MESA committee was formed. Students gave interview for the certain post. Also the MechZine committee Was formed with the same procedure.

Engineer's Day

15.09.2022



The department of Mechanical Engineering, MIT Aurangabad organized a program on Engineer's Day. This day is celebrated on the birth anniversary of Engineer statesman Mokshagundam Visvesvaraya. The program was started with wonderful words of our Head of Department Dr. A. J. Keche sir. Later the games and quiz were conducted in the program for Teachers and Students. All students and the staff participated in the program to make it a successful and cherefull event.

Dipex Expert Talk

21.09.2022

The Department of Mechanical engineering and Dipex has collaborated together and organized a workshop on 'Enterpreneurship Development'. The Speaker of the program was Shri. Milind Kank sir, MD, Yashree Press. Shri. Milind Kank sir guided us and gave us the information about the Entrepreneurship with the help of the games. All the students of B.Tech were attendee in program.



TSVK Aurangabad & DIPEX
(Celebrating Engineers week From 15 Sept. to 23 Sept.)

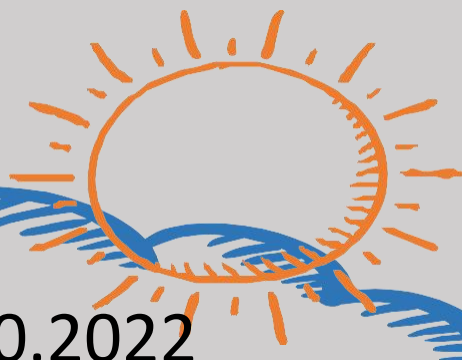
Organizes Workshop
ON
"Entrepreneurship Development"

Keynote Speaker :-
Shri. Milind Kank
[MD, Yeshshree Press Comps Pvt. Ltd]

Date 21-09-2022
Time :- 4:30 pm

Venue:- Auditorium 202 , Maharashtra institute of Technology





MESA

inauguration

10.10.2022



MESA



Inauguration ceremony of Mechanical Engineering Student Association and MechZine Editorial Board of Batch 2022 held on 10 October 2022 at MIT Aurangabad by the Hands of Mr. Abhijit Bhalkikar Sir, Director of B.K. Hydraulic & Industries in the Presence of Director of MIT Dr. S.P. Bhosle Sir, Head of Department Dr. A.J. Keche Sir, Faculty Advisor MESA Prof. M.N. Farooqui sir, Asst. TPO Prof. Abhay Gore Sir all Faculty members. Also the certificates, of BAJA and Supra were distributed in the programme.

Expert Talk

13.12.2022



Organised by MESA EduKerron International
Arranged by MIT Center for European Studies
Opportunities Abroad
Internship | Scholarship | Master's Studies & More...
13 December 2022
11:30 PM Onwards
Venue
MIT AURANGABAD,
Mechanical Engineering department,
hall no 308
Registration mandatory
Mr. Kerron Vaishnav
Founder CEO, Edukerron
International PVT.LTD
Register here: <https://tinyurl.com/sspu09>



On 13 December 2022, MESA and MIT Center of European Studies organized the Expert Talk. The speaker was Mr. Kerron Vaishnav Sir, Founder and CEO of Edukerron International Pvt. Ltd. Mr. Kerron Vaishnav sir gave us the Information about abroad opportunities in Internship, Scholarship, Master's studies and many more, also motivated us about the further Studies abroad and Internship .

Training and trouble shooting of refrigerator workshop and Installation Ceremony of 4th ISHRAE- MIT Student Chapter

Maharashtra Institute of Technology, Aurangabad.
 (An Autonomous Institute)
 Accredited by NBA and NAAC 'A'
 Approved by AICTE and affiliated to Dr. B.A.M.U. Aurangabad.
Department of Mechanical Engineering

It is our pleasure to invite you for
Installation Ceremony of 4th
ISHRAE- MIT STUDENT CHAPTER

In presence of
 Mr. Suresh Shinde, President, ISHRAE Sub-Chapter, Aurangabad. Dr. Santosh Bhosle, Director, MIT, Aurangabad.

Date : 19/11/2022 Time: 11.00 a.m.
 Venue: Hall No: 308 - Mechanical Department

Followed by One Day Workshop on
Hands on Training & Trouble Shooting of Refrigerator/ Airconditioner

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| Mr. Alan Tribhuwan Treasurer | Mr. Chaitnay Jadhao Secretary | Mr. Akash Sakhare President |
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Prof. S. B. Charthankar, Faculty Coordinator Dr. J.M.Kshirsagar, Faculty Coordinator Dr.A.T.Autee, Faculty Advisor Dr. A.J.Keche, HMED

Contact Us: 02402375240 / 9637093922 www.mit.asia



On 4th november Training and Trouble shooting of refrigerator workshop was held in MIT aurangabad under the ISHRAE. On 19th november Installation ceremony of 4th ISHRAE-MIT student chapter followed by one day workshop on Training and trouble shooting of refrigerator. The workshop was held in the presence of Dr. Santosh Bhosle Director, MIT' aurangabad and Mr. Suresh Shinde President, ISHRAE Sub-Chapter, Aurangabad.

One Day workshop on a new age tool of understanding of RAC system and cooling load calculation using Anucal 20



G.S.Mandal's

Maharashtra Institute of Technology, Aurangabad.

(An Autonomous Institute)

Approved by AICTE | Permanently Affiliated to Dr. B.A.M.U. Aurangabad | Accredited with Grade 'A' by NAAC | NBA Accredited Programmes



About MIT

G.S.Mandal's Maharashtra Institute of Technology, Aurangabad, is the first unaided Autonomous engineering Institute in the Maharashtra region. The Institute is permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (BAMU). AICTE approved, NAAC 'Grade A' institution offering UG, PG, and Ph.D. level programs in Engineering, Technology and Management. This Institute was established in the year 2001. In 2020 UGC has granted an autonomous status to this Institute.

About Department

The Mechanical Engineering Department has a reputation for providing students with a supportive, learning environment and high-quality instruction. The UGC programme of the department is accredited by NBA.

This Department is a vibrant environment to learn thanks to its cutting-edge labs, highly qualified teachers, and experienced, committed faculty members in all streams of mechanical engineering.

The department provides a wide range of labs, workshop spaces, and a top-notch research facility with cutting-edge technology to conduct research in all fields relevant to mechanical engineering.

About Anucal

The Anucal Engineers is working in the field of Refrigeration and Air conditioning for last 38 years. Over this period, the company has developed and successfully delivered many special purpose products related to this field. These include printing chillers, gas coolers, panel air conditioners, process chillers, and educational test equipments for RAC labs. Some of the products working outside India in the many other countries like Brazil, Russia and China. This total experience with theoretical base is integrated in the current range of products with LabVIEW which is the most advanced scientific platform, it is new age technological tool for effective learning process enhancing the quality of technical education.

Department of Mechanical Engineering

MIT - ISHRAE Student Chapter organizing

One Day Workshop on

Morning Session
Time: 11.00 am to 1.30 pm
Topic
A New Age Tool for Understanding of RAC Systems: VIRTUAL LAB & SIMULATION OF PROCESSES

Afternoon Session
Time: 2.30 pm to 5.30 pm
Topic
Cooling Load Calculations using AnuCal 20

Date : 12/12/2022
Venue: Room No -308
Edward De Bono Hall
Mechanical Engineering Department.

No Registration Fees

IN THE AUSPICIOUS PRESENCE OF

| | |
|--|---|
| Mr. Suresh Shinde President ISHRAE Aurangabad sub chapter | Dr. S. P. Bhosle Director MIT, Aurangabad |
|--|---|

RESOURCE PERSON

Mr. A. V. Kulkarni
Partner - Anucal Engineers, Kolhapur

| | |
|--|--|
| Dr. A. T. Autee Faculty Advisor | Dr. A. J. Kiche HMD |
| Prof. S. B. Chartharkar Faculty Coordinator | Dr. J. M. Kohinagar Faculty Coordinator |

MIT - ISHRAE OFFICE BEARERS

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| Mr. Farhan Shaikh CNC Member | | |

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On 12th december the one day workshop on a new age Tool for understanding of RAC systems: Virtual Lab and Simulation of processes was held .On 13th december the one day workshop on cooling load calculation using Anucal 20. The workshop was held in the presence of Dr. Santosh Bhosle Director, MIT aurangabad and Mr. Suresh Shinde President, ISHRAE Sub-Chapter.

Industrial Visit



On 6th december the industrial visit of Mechanical final year was conducted. The industrial visit is conducted in Mahanand Dairy. All the students of final year were present in the industrial visit.

Fun Facts



A shark is the only known fish that can blink with both eyes.



In many advertisements, the time displayed on a watch is 10:10.



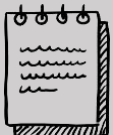
There are parts of Africa in all four hemispheres



Lemons float, but limes sink



The first oranges weren't orange



The longest English word is 189,819 letters long