



M.I.T B'TECH



"Self-belief
and hard work will always
earn you success."

-VIRAT KOHLI

MECH-ZINE 2022



Maharashtra Institute of Technology

18th EDITION

Mechanical Engineering Mechzine

Forward From The Editorial Team

Mechzine is a flagship quarterly newsletter cum magazine of the Department of Mechanical Engineering. We at 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 pics to share with you. Outside the academic realm, our students are involved in many organizations and activities.

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- A Seminar on career opportunities for Mech students in software industry
- Two days workshop on 'emerging trends in mechanical engineering'
- Interaction seminar on art and science of public communication
- Seminar on problem solving and ideation
- One day workshop on intellectual property rights and ip management for start-up
- seminar on business model canvas

Online Career Counselling By Expert

MIT
AURANGABAD

CAD/CAM GURU
Design Your Dreams

Department of Mechanical Engineering

Online Career-Counselling by Expert

**28th Jan 2022,
Friday
3 PM
Register Now!**

Webinar Includes:

- ✓ Career Options in Mechanical #Design
- ✓ Technologies used in Mechanical #Design
- ✓ CAD/CAM GURU Course Overview
- ✓ Recruitment Process Placement Consultation by Head of Placements
- ✓ Interview Preparation for #Design Role

H.O.D - Dr. A.J. Keche
Director - Dr. S.P. Bhosle

Some Recent CAD/CAM GURU Campus-Placement Highlights:

- Tech Mahindra- 29
- German MNC- 24
- L&T Technologies- 19
- MAN Energy - 17
- Magna Steyr - 19
- Capgemini-12

and many more...

CAD/CAM GURU has achieved 500+ Placements during Pandemic & Still Counting...

#DesignYourDreams 9168601733 www.cadcamguru.com

Online career counselling by Expert was organized by department of Mechanical Engineering of Maharashtra institute of technology on 28th Jan 2022. Webinar includes career options in mechanical design, technologies used in mechanical design, CAD/CAM GURU course overview, recruitment process placement consultation by head of placements, interview preparation for design role.

A Seminar On Career Opportunities For Mech

'Career Opportunities for Mech. Students in Software Industry'		Date 29th January 2022 Time 11.30 – 12.30 pm
	Shrikant Bidwai (Head: Academy Business – Envision, Pune) ❖ B. E. (Computers), SAP S. D. Consultant, 23+ years of Experience in Edu. & Trg. In CAD/ CAE, IT & SAP Sector	
ABOUT THE WEBINAR: As per the current scenario, In-campus batch on Design Software can open up job opportunities for Students and support the placement enhancement of the campus....		
Er. P.T. Borlepwar Er. S.R. Kulkarni ORGANIZERS	Dr. A.J. Keche HEAD OF THE DEPARTMENT	Dr. S.P. Bhosle DIRECTOR

Seminar on 'career opportunities for Mech. Students in software industry' was organized by department of mechanical Engineering of Maharashtra institute of technology on 29th Jan 2022. The speaker was Mr. Shrikant Bidwai. He Told about the current scenario and the design software which opens opportunities for students in software industry. The speaker Mr. Shrikant Bidwai has the 23+ years experience in IT and SAP sector.

Two Days Workshop On 'Emerging Trends In ME



**G.S. Mandal's
MAHARASHTRA INSTITUTE OF TECHNOLOGY, AURANGABAD**
An Autonomous Institute, Accredited with Grade 'A' by NAAC,
Approved by AICTE, New Delhi

**Two Day Workshop on
"Emerging Trends in Mechanical Engineering"**

15th- 16th Feb 2022
Organised by
Mechanical Engineering Department

SPEAKERS


Mr. Tukaram Varak
(Technical Director)
CAD/CAM/BRIDGE
Solutions, Pune


Mr. Amit Bhende
(Director)
Alkam Industries, Pune

Session Topics

1. ANSYS and CFD
2. Career Opportunities in Plastics
3. Electric Vehicles
4. 2 Materials 2 Shot Moulding

Organizers
Prof. S. R. Kulkarni Prof. I. A. Quazi Mr. S. Bidwai
Dr. C. Choudhary Prof. P. T. Borlewar Prof. P. A. Lad

Convener & HMED
Dr. A. J. Keche
MIT, Aurangabad

Director
Dr. S. P. Bhosle
MIT, Aurangabad

Seminar on 'Emerging Trends in Mechanical Engineering' was organized by department of mechanical Engineering of Maharashtra institute of technology on 15th and 16th Feb 2022. the aim of two days workshop is to import technical knowledge and skills to the under graduate students persusing B.tech in mechanical engineering after success completion of workshop the participates are expected to be motivated to find out about more present advancement in mechanical engineering. The speakers were Mr tukaram varak and Mr amit bhende.

Interaction Seminar on Art and Science of Public

Department of Mechanical Engineering
and
Mechanical Engineering Students Association (MESA)
Organizes a Seminar on

INTERACTION SEMINAR

on Art & Science
of public
communication



Date : 21 February, 2022
Time : 02:30 PM
Joining Link : <https://meet.google.com/suc-wmcy-yyy>



Mr. M.N. Farooqui
(M.S.(Mechanical), Europe)

Seminar on 'Arts And Science of Public Communication' was organized by department of mechanical engineering of Maharashtra institute of technology on 21th Feb 2022. The speaker was Mr.M.N.Farooqui. He Guided the audience on the importance of public communication in professional life.

Seminar On Problem Solving and Ideation



Maharashtra Institute of Technology, Aurangabad

Invites your for One day Workshop on

Session on Problem Solving and Ideation



Mr. Ajit Kale

Metal Working Design and Manufacturing Consultant and Trainer

- ✓ Stamping, forming, welding tool fixture gauge and equipment manufacturing engineering professional for 26 years.
- ✓ More than 40 years of experience in Industry.

05th March 2022 | 2.00 pm to 3.00 pm

Registration Link: <https://forms.gle/tPKricR5QrRnNYf48>

Organized by: Mechanical Engineering Department, MIT Aurangabad in association with Institution's Innovation Council (IIC)

Seminar on 'Problem solving and ideation' was organized by department of mechanical engineering of Maharashtra institute of technology on 5th March 2022. Speaker of the workshop session was Mr. Ajit Kale. He is Metal Working Design and Manufacturing Consultant and Trainer. The programme aims to provide a opportunities for students to augment knowledge and skills in key areas involved in problem solving and ideation process. The speaker shared his knowledge and experience on the multiple aspects and the many steps involve in problem solving and ideation process.

Workshop on Intellectual Property Rights and IP Management for start-up



Maharashtra Institute of Technology, Aurangabad

Invites you for One day Workshop on

Intellectual Property Rights (IPR) and IP Management for Start-ups



Adv. Swapnil Gawande
Director, BLI Consultancy Pvt. Ltd.

- ✓ Registered Patent and Trademark Consultant
- ✓ Certified QMS Lead Auditor (B.I.S.)
- ✓ Former Adjunct Professor at IBSS Rajendra Gode Engineering College, Amravati

18th June 2022 | 1.00 pm to 2.00 pm

Registration Link: <https://forms.gle/Aaqa7fsU9R7ixc6z5>

Organized by: Mechanical Engineering Department, MIT Aurangabad in association with Institution's Innovation Council (IIC)

One day workshop on 'Intellectual property rights and IP management for start-ups' was organized by department of mechanical engineering of Maharashtra institute of technology on 18th June 2022. Speaker of the workshop session was Adv. Swapnil Gawande. He is registered patent and trademark consultant. He spoke about how important it is to sensitize students, faculty and entrepreneur on patent laws and how they should protect their intellectual property. He also suggested that they should arrange the idea competition and shortlist certain ideas and guide them for patenting.

Seminar on Business Model Canvas



Maharashtra Institute of Technology, Aurangabad

Invites your for Session on

Business Model Canvas (BMC)



Mr. Mandar Kulkarni

AVP – Data Science, Findability Sciences

- ✓ 13 years of diversified experience in IT industry
- ✓ Working in AI/ML to cater various business needs
- ✓ Worked from India, UK, Europe and Japan

25th June 2022 | 1.00 pm to 2.00 pm

Registration Link: <https://forms.gle/5CDs5T4DgEgceQmXA>

Organized by: Mechanical Engineering Department, MIT Aurangabad in association with Institution's Innovation Council (IIC)

‘Seminar on business model canvas’ was organized by department of mechanical engineering of Maharashtra institute of technology on 25th June 2022. The seminar was organized for learning development of new business model and documenting existing ones. Speaker of the seminar session was Mr. Mandar Kulkarni, Assistant Vice President of Data science and Findability Sciences. He has 13 years experience in IT industry . Mr. Mandar Kulkarni Guided us and it was very inspirational