

Volume 02

No.

01

July – Sept. 2024



MIT
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MIT NEWS LETTER

(A Group of Academic & Research Institutions)

Chhatrapati Sambhajnagar-431001



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Up Coming Events

**4th Indo-Japan
Pre-Conference Workshop on
High-Speed Trains and
Geotechnical Challenges
on 18th December 2024**

&

**Indian Geotechnical Conference
19th To 21st December 2024**



Prof. J. T. Shahu



Prof. G. V. Rao



Er. M. Kumaran



Dr. R. P. Singh

MIT Polytechnic Chh. Sambhaji Nagar: AI&ML student's achievement in GenAi Hackathon

Students of Artificial Intelligence and Machine Learning Department have participated in the GenAi Hackathon technical event which was organised by MIT B.Tech. College of engineering, Chh. Sambhaginagar on 27th July, 2024 at B.Tech Building Gate No.5.



(Prof. S. G.Deshmukh, Principal and Mr. R.D Deshpande HOD of AI & ML with winners of 'GenAi Hackathon-2K24')

Polytechnic students of AIML branch Ved Bhoskar, Jayesh Kathale of 3rd year were participated and were provided the problem statement: Compressive reading Test & training and the students developed the App Name: Readwise. Our Students won First prize for this app under the guidance of Prof. S. D. Joshi.



(Group photo of 'GenAi Hackathon-2K24')

DONATE BLOOD! DONATE SMILE!! Organization of "Blood Donation Camp" at MIT Polytechnic, Chhatrapati Sambhajnagar on 8th August, 2024

On the occasion of birthday of President of Gramaudyogik Shikshan Mandal's Hon. Dr.

Y. A. Kawade, MIT institute was organized 'Blood donation camp' in collaboration with Lions Club Center, Chh. Sambhaji Nagar. The objective of this camp is to encourage, recognizing and abiding with social welfare responsibilities.



(Director of Institute Dr. Nilesh Patil, Principal of MIT polytechnic Prof. S. G. Deshmukh and NSS coordinator Prof. Jai Singh with students, faculty & non- teaching staff coconveyed their birthday wishes to President Dr. Y.A. Kawade)

The inaugural ceremony was done by blissful hands of Dr. Y. A. Kawade, President, Dr. Nilesh Patil, Director, Prof. S. G. Deshmukh, Principal-MIT Polytechnic & NSS coordinator Prof. Jai Singh. Many students, faculties & non- teaching staff come forward to donate blood and conveyed their birthday wishes to President Dr. Y.A. Kawade.



(Faculty, students & non teaching staff donating blood under the supervision of medical & nursing staff, at MIT Institute, Chh. Sambhajnagar.)

The whole event was carried out under the supervision of medical and nursing staff by taking care of all medical procedures and testing. This Blood donation camp successfully organized under the banner of NSS unit.

Organization of “Tree Plantation” at MIT Polytechnic, Chh. Sambhajinagar on 8th August, 2024, Birthday of Hon. Presidents Mr. Y.A.Kawade

MIT institute in collaboration with the NSS unit was organized a tree planting event to mark birthday of President of Gramaudyogik Shikshan Mandal respected Dr. Y. A. Kawade on 8th August, 2024 aimed to emphasizing the crucial importance of green future & to inspire proactive steps toward combating climate change, preserving natural ecosystems. The program took place at back side lawn of institute. Dr. Y.A Kawade, President, Nilesh Patil, Director, Prof. S. G. Deshmukh, Principal-MIT polytechnic, faculties & students gather to plant saplings in designated area, fostering a sense of responsibility for nurturing the environment.



(You, me, we & wind in the tree .Tree plantation program in MIT Institute, chh. Sambhajinagar. with active participation.)



(Dr. Nilesh Patil Director & Prof. S. G. Deshmukh, Principal Unblocking the power of green at MIT Polytechnic)

Prof. Jai Singh, NSS coordinator & NSS team has taken efforts for making this event successful. The event demonstrated that collective action can create lasting positive changes for future generations and for the planet.

MIT Polytechnic witnesses an Exhilarating of National Pride & Community spirit as the Har Ghar Tiranga

Har Ghar Tiranga campaign by the Government of India 2024, started to strengthen the feeling of patriotism in the people & promote awareness about the Indian National flag. This year Har Ghar Tiranga campaign was celebrated from 13th to 15th August 2024. The NSS unit of MIT Polytechnic took part in the Har Ghar Tiranga campaign 2024.



(Students of MIT Polytechnic taking pledge on Tricolor.)

The pledge on tricolor was taken on 14th August, 2024 which was led by NSS coordinator Prof. Jai Singh With a great fervor and enthusiasm. Pledge was taken in all departments. HOD's, faculties & all students actively participated.

A rally on Har Ghar Tiranga was held for students on same day to celebrate the spirit of independence and unity, participants carrying the flag of the nation.



(MIT polytechnic students, Prof. Jai singh, NSS coordinator & faculties carrying pride of nation)

Coming together to promote patriotism, unity, national identity and to hoist it to mark the 76th year of India's independence.

MIT Polytechnic Chh. Sambhaji Nagar: Demonstration on "LPG –Use and Safety Awareness" organized by NSS Students

A "LPG –Use and Safety Awareness" session along with demonstration was organized by MIT Polytechnic on 17th August, 2024 for faculty and staff members of the institute by NSS Coordinator.



(Mr.Vivek Sable (Right) Welcomed by Prof. Maknikar(TPO) with Prof. A .S. Nagrik ,HOD-CO(Left) & Prof. Jai Singh- NSS Coordinator)



(Session on 'LPG –Use and Safety Awareness'by Mr. Vivek Sable, Gassafe India Limited', Pune)

Mr. Vivek Sable, employee of 'Gassafe India Limited', Pune, an ISO 9001 certified company delivered the session and stressed on safe use of LPG in our homes. He demonstrated the procedure of safe use of LPG. Head of Departments, faculty and staff members attended this session.

Industrial Visit to "Water Treatment Plant" at Pharola, Chh. Sambhajinagar

Industrial Visit was organized on 17th August 2024, for the Third year Civil Engineering students. Students visited the Water Treatment Plant at Pharola, Chhatrapati Sambhajinagar. Water comes to this plant from Jayakwadi dam for purification, and then it is supplied to Chhatrapati Sambhajinagar city. Currently plant purifies 156 MLD of water. Students got the knowledge of various processes such as Screening, Pre-chlorination, Bleaching Process, Coagulation, Flocculation Sedimentation (Clariflocculator), Filtration (Rapid Sand Filter), Post-Chlorination, Hydraulic Pumps & Various components, units & its parts etc.





(Students visit to Water Treatment Plant at Pharola, Chhatrapati Sambhajinagar)

MIT College of Food Technology Celebrates Agriculture Day with Tree Plantation Drive

On July 1, 2024, MIT College of Food Technology celebrated Agriculture Day with a special tree plantation event to honor the birth anniversary of Mahanayak Vasantrao Naik, the father of the Green Revolution. Faculty members, students, and staff participated in the initiative, paying tribute to Naik's legacy and his devotion to farming and soil conservation. The event emphasized the importance of sustainable agricultural practices and environmental stewardship. Farmers were also honored for their invaluable contributions to food production, marking the day with a sense of reverence and community engagement.



Dr. Katke S.D. Participates in National Webinar on Ground Nut Processing and Value Addition

Dr. Katke S.D. participated in the National Webinar on "Ground Nut Processing and Value Addition" on 10th July 2024. Hosted by the National Institute of Food Technology, Entrepreneurship and Management, Thanjavur (NIFTEM-T) under the PMFME Scheme, the webinar aimed to address the challenges faced by micro food processing enterprises. It also highlighted the potential of cooperatives and groups in supporting the upgradation and formalization of these enterprises, aligning with the broader goals of the PMFME Scheme to enhance the sector's growth.

Students of MIT College of Food Technology Earn Certificates for National Service Scheme (NSS) Special Camp Participation

Students from MIT College of Food Technology have been awarded certificates in recognition of their participation in the National Service Scheme (NSS) special camp. The camp, held under the expert guidance of Professor Abdul Aziz Ansari, NSS Officer at the institute, aimed at encouraging students to engage in various community service activities.

During the camp, students actively participated in a range of initiatives, including health awareness programs, environmental conservation efforts, and rural development projects. These activities helped them develop leadership skills, foster teamwork, and promote social responsibility. The certificate acknowledges their dedication to contributing to the welfare of society while enriching their personal and academic growth.



Prof. Patil P S Completes Course on Ayurveda Dietetics

Prof Patil P S, Assistant Professor at MIT College of Food Technology, has successfully completed a course titled *Introduction to Ayurveda Dietetics* from the University of Trans-disciplinary Health Sciences and Technology, Karnataka State University. The course, held from 17th to 30th July 2024, provided in-depth insights into the principles of Ayurvedic dietary practices, promoting a holistic approach to health and wellness through traditional knowledge.

Dr. Mane R P Participates in National Workshop on ICAR's 6th Deans Committee Draft Report

Dr. Mane R P, Assistant Professor at MIT College of Food Technology, attended a one-day National Workshop on July 28, 2024, focused on understanding the ICAR 6th Deans Committee Draft Report. The workshop aimed to discuss the proposed restructuring of undergraduate agriculture education programs in line with the National Education Policy (NEP) 2020. This significant event brought together experts to deliberate on enhancing the future of agricultural education in India.

Dr. Katke S D Attends National Seminar on Postbiotics in Functional Foods

Dr. Katke S D participated in the first National Seminar on *Postbiotics: A New Emerging Area in Functional Foods* on August 13, 2024. The event was organized by the Knowledge Centre on Functional Foods, Immunity, and Gut Health, under the International Life Sciences Institute-India (ILSI-India), New Delhi. The seminar highlighted the latest advancements in postbiotics and their role in enhancing the functionality of food products, marking a crucial step forward in the field of functional foods.

Dr. Deo S K Receives Young Scientist Award at ICAAB 2024

Dr. Deo S K, Assistant Professor at MIT College of Food Technology, has been

honored with the prestigious **Young Scientist Award** at the *International Conference on Advances and Applications of Biotechnology (ICAAB) 2024*. The event, organized by the School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, in collaboration with the University of East London, UK, Tamil Nadu State Council for Science and Technology, National Council for Science & Technology Communication, and the Department of Science and Technology, Government of India, recognized Dr. Deo's significant contributions to the field of Food technology.

7th Semester Students of MIT College of Food Technology Create Innovative Food Products for Experimental Learning

As part of their experimental learning program, 7th semester students from MIT College of Food Technology showcased their culinary and technical skills by preparing a variety of innovative food products. Among the creations were bitter gourd pickle and date dry fruit assorted chocolates, under the expert guidance of Professor Abdul Aziz Ansari, highlighting their ability to blend traditional ingredients with modern food processing techniques.

This hands-on experience allowed students to apply theoretical knowledge to real-world food production, enhancing their understanding of food preservation, flavor combinations, and product development.



Dr. Deo S K Completes Workshop on Course Development for MSBTE's K Scheme

Dr. Deo Shrutika, Assistant Professor at MIT College of Food Technology,

successfully completed a workshop held from 26th to 28th August 2024 at MSBTE Aurangabad. The workshop focused on finalizing the scheme, developing detailed course content, and creating question paper profiles for the 5th semester under the K Scheme for the Agricultural Engineering group at MSBTE. This initiative aims to streamline academic frameworks and improve course delivery for upcoming semesters.



Dr. Katke S.D. Participates in National Webinar on Technology and Machinery for Whole Rice Grain and Pulse Fortification

Dr. Katke S.D. had participated in the National Webinar on “Technology and Machinery for Whole Rice Grain and Pulse Fortification” on 17th August 2024. The event was organized by the Centre for Food Engineering and Technology, Department of Chemical Engineering, Birla Institute of Technology, Mesra, Ranchi.

Dr. Katke S.D. Honored with Multiple Awards for Excellence in Research Paper and Peer Reviewing

Dr. Katke S.D. has been recognized for outstanding contributions in research and peer reviewing. He received the Certificate of Excellence in Research Paper Reviewing from the "Asian Journal of Food Research and Nutrition," the "South Asian Journal of Research in Microbiology," and the "Biotechnology Journal International." Additionally, He was awarded the Certificate of Excellence in Peer Reviewing by "BP International" for her work on the book “Business, Management and Economics - Research Progress.” Dr. Katke also received the Reviewer Excellence Award from the Agricultural Research Communication Centre, Karnal.

Final-Year Student Rushikesh Thete Secures Placement at Haldiram Foods

Rushikesh Thete, a final-year student, has successfully secured a position as a Quality Officer at Haldiram Foods International Private Limited in Nagpur, specifically in their Frozen Unit.



Shahu Ingle and Akash More Excel in Academic Pursuits in Pune

Shahu Ingle is currently pursuing an MBA in Marketing at DPU DY Patil B-School, Pune, while Akash More, a final-year student, has secured admission for a PGDM in Business Administration at MIMA Institute of Management, Pune. Both students are advancing their education in prominent institutions, setting the stage for successful careers.



Parshuram Sinnur Secures Role as Production Incharge at Malas Fruit Products

Parshuram Sinnur, a final-year student from MIT College of Food Technology, has been appointed as Production Incharge at Malas Fruit Products Company, Panchgani, Maharashtra. His academic journey and hands-on experience have prepared him for this significant role in one of the leading fruit processing companies. This achievement highlights the practical skills and industry readiness fostered at MIT College of Food Technology.



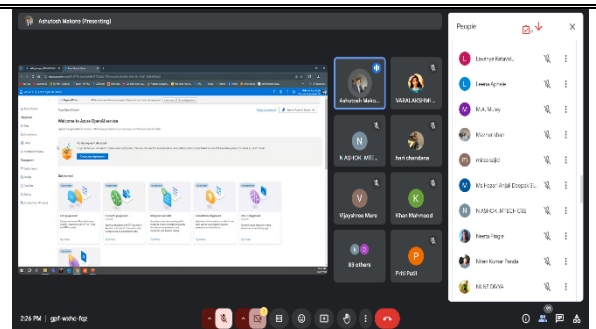
Department of Electronics and Computer Engineering organized faculty Development Program (FDP) on the topic "The Art & Science of Generative AI"

The rapid advancements in generative AI are revolutionizing various fields, including engineering. To ensure that the faculty members are equipped with the latest knowledge and skills, the department of Electronics and Computer Engineering has organized a Faculty Development Program (FDP) on the topic "The Art & Science of Generative AI" from 8th July 2024 to 12th July 2024. This event was coordinated by faculties Dr. Sumedha Borde, Priti Patil and Umesh Shirale. This FDP aimed to enhance the teaching capabilities, research potential, and professional development.

The Objective of the Faculty Development Program were To Enhance Faculty Expertise and To Integrate Technology while the Target Audience were faculty members of the engineering college, research scholars and postgraduate students, administrative staff involved in academic activities.

The FDP was graced by the eminent speaker Mr. Ashutosh Mokone who is Data scientist, Senior Consultant at CGI, London, United Kingdom.

Total 115 participants have participated in the FDP from all over the India and coordinators as well as the speaker received lots of positive feedback regarding the well conducting of the FDP. The FDP is the huge success.



Dr. S. J. Nandedkar Head of ECE Department has secured 4th position in Chhatrapati Sambhaji Nagar District Yogasana Championship under the event Traditional Individual Yogasana in the age category Senior Girls C held on 26th and 27th July 2024 at Garware Community Center Chhatrapati Sambhaji Nagar.

Final year B.Tech. (ECE) Dr. BATU students participated in the "College Ke Tashan Baaz" event conducted by 93.5 Red FM and secured Second Runner Up position in the competition



Final Year B. Tech (ECE) Dr. BATU students Pranav Deshpande, Ketan Sardan and Rohit Jondhale participated in this event on 20/08/2024. The team secured Second Runner Up position in the competition, which was held at Rukmini Hall, MGM University, Chh. Sambhajinagar.

Bootcamp on IoT Software Analyst & VLSI fundamentals

Organized by: Department of Electronics and Computer Engineering in association with National Institute of Electronics and Information Technology (NIELIT) Chhatrapati Sambhajinagar

This event was coordinated by Co-coordinator Dr. S.D. Sanap, Mr.V.K. Pawar and held on 19th Sept – 23rd September 2024. It was a transformative five-day learning experience for all participants. The event commenced with the traditional lighting of the lamp, a symbol of knowledge and wisdom, led by the esteemed chief guests from NIELIT, Chhatrapati Sambhajinagar Dean Dr. Lakshman Korra, Scientist Mr. Saurabh Bansod, Mr. Vinay Vanish, and Mr. Deepak Kumar Shah—along with Honorable Dean Academics, Dr. Syed Ajij, and the head of the department Dr. S. J. Nandedkar. Following this, the guests were honored in a heartfelt felicitation ceremony.

Each of the distinguished guests shared their valuable insights, setting a motivational tone for the bootcamp. Their addresses energized the students and outlined the significance of IoT and VLSI in today's rapidly advancing tech landscape.



Department of Electronics and Computer Engineering in association with Institute Innovation council organized Intra - Institutional startup competition

on 30th Aug 2024. Total 39 students and 4 faculty members participated in this event. The objective of organizing an intra-institutional competition is to foster innovation, enhance skills, and identify talent among students. It encourages creative problem-solving, teamwork, and the practical application

of knowledge, providing a platform for students to showcase their abilities and develop their competencies in a competitive yet collaborative environment.



Expert talk on “Language Proficiency Japanese”

The expert talk was organized for all the students & staff on 25/09/2024 by the faculty coordinators Mrs V. H. Deshmukh, Mrs. S. M. Dhat. The Speaker was Mrs, Maya Narsapur, freelance Interpreter with 25 years experience mainly in mechanical, electronic, pharmaceutical and tourism industry. Expert talk focus on communication skills in foreign language required for students. The language skills are required for different job opportunities in India as well as different Countries. Attendees gain valuable information on foreign languages like Japanese, Russian and German.



This seminar was equipped with the knowledge needed to explore different languages for their educational, cultural and

professional life. The session was conducted in offline mode. Total 98 students attended the program.

AI Python Programming by Hope Foundation (Sony TV) Infinity Tech

AI Python Programming was of 2 months course which covered all basics of Python, advance Python, web development using python, GUI. Session started from 27th July 2024. 78 girls were enrolled to AI Python Programming.



ECE Department signed MoU between MIT and Infinity Tech resources, Chhatrapati Sambhajnagar on 25th June 2024.



Under this MOU AI Python Programming course of 2 months duration was arranged. Which covered all basics of Python; advanced Python, web development using python, GUI. 26 students completed this course successfully.

Final year students

1. Vinit Navgire

2. Abhay Talole

3. Vaishnavi Ingole

of Electronics and Computer Engineering successfully completed Red Hat Certification on Red Hat Certified System Administrator. This course is about the fundamental knowledge and skills need to excel in the world of Red Hat technologies. This course is about open source.



The RHCSA certification is intended for IT professionals who want to demonstrate their ability to perform essential Linux system administration tasks required in real-world scenarios.

ECE Department organizes Three Days workshop on “Devops”

The workshop was arranged between 19th Sept – 21st September 2024 by the resource person Ms. Akshata Utgikar. Objective behind this workshop is to provide foundational knowledge on Devops. The event commenced with the traditional lighting of the lamp, a symbol of knowledge and wisdom, led by the esteemed chief guests from NIELIT Dr. Lakshman Korra, Scientist Mr. Saurabh Bansod, Mr. Vinay Vanish, and Mr. Deepak Kumar Shah—along with Honorable Dean Academics, Dr. Syyad Ajij, and the head of the department Dr. S. J. Nandedkar.

DevOps is a collaborative approach that integrates software development (Dev) and IT operations (Ops) to streamline and automate the processes of software delivery and infrastructure management.

The workshop was concluded for final year students of Electronics and Computer engineering students.



Inauguration of MESA-2024 and Installation of MechZine office bearers 2024

On 5th Sept 2024, Inauguration of MESA-2024 and Installation of MechZine office bearers 2024, was carried out at the department.

Mechanical Engineering students association inaugurating was conducted on 5th September 2024, and the event also witness the installation of Mechzine office bearers 2024. All the newly appointed office bearers were issued certificated and awarded with batches. Mr. Ganesh Mali was appointed as the president of MESA while Mr. Chiragdeep Patil, was appointed as chief editor of Mechzine.

The chief guest was Mr. Shripad Takalkar, Shree Edu stream, briefed the students about higher studies abroad. While Head of Dept. Dr. A. J. Keche briefed the importance of studies, discipline and students orientation activities being carried for the welfare of the students.

Prof. M. N. Farooqui, Faculty advisor MESA and Mechzine, administered the oath to the newly appointed students office bearers, he further highlighted the yearly activities to be carried out.



Three day workshop on Next Generation Mechanical Engineering at MED

Three day workshop on Next Generation Mechanical Engineering was conducted by the department from 19th to 21st September 2024. Experts delivered an insightful expert talk on different topics relevant to current technology were discussed. Artificial Intelligence in Manufacturing.

1. Date: 19 September 2024
2. Time: 10:15 AM – 12:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Mr. Mukund Kulkarni

Advances In Materials and Future Trends

1. Date: 19/09/2024
2. Time: 1:15 PM – 3:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Dr. Swamini A. Chopra

Generative AI

1. Date: 20/09/2024
2. Time: 10:15 AM – 12:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Mr. Pankaj Prasad

Industrial Automation

1. Date: 20/09/2024
2. Time: 1:15 PM – 3:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Mr. Rajeev Kulkarni.

3D Printing

1. Date: 21/09/2024
2. Time: 10:15 AM – 12:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Mr. Yogesh Pawar

Drone Technology

1. Date: 21/09/2024
2. Time: 1:15 PM – 3:15 PM
3. Venue: Hall No. 308 Mechanical Engineering Department
4. Speaker: Mr. Rahul Patle



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G. S. Mandal's
MAHARASHTRA INSTITUTE OF TECHNOLOGY
CHHATRAPATI SAMBHAJINAGAR
(An Autonomous Institute)
NBA Accredited UG Program

Department of Mechanical Engineering

**THREE DAYS WORKSHOP ON
NEXT GENERATION MECHANICAL
ENGINEERING**

Distinguished Speakers



Mr. Mandar Kulkarni,
Findability Sciences



Dr. Swanini Chopra,
MIT



Mr. Pankaj Prasad,
Findability Sciences



Mr. Rajiv Kulkarni,
Sanjeev Auto



Mr. Yogesh Pawar,
IPRO3D
TECHNOLOGIES



Mr. Omkarnath Godbole,
Expert Global

Date: 19-21st September 2024 **VENUE: Hall No. 308**

Organizing Committee

Dr. N.G.Patil Director, MIT	Dr. A.J.Keche HMED & Convener	Mr.S.R.Kulkarni, Organizing Secretary
Dr.V.B.Pansare Coordinator	Mr.M.N.Farooqui Member	Mr.A.S.Gore Member
		Mr. P.A.Lad Member



The event was coordinated and was conducted under the tutelage of MESA 2024.

MASSIA Projects

MASSIA has floated a number of projects for Mechanical Engineering students. A group of 5 projects were accepted to be presented before the team of MASSIA, each group comprises 5 number of students

raging from third year and final year mechanical engineering.

This presentation was conducted on 03rd October 2024 at MASSIA office located at waluj. These projects are conducted through TATA technologies ltd.This project coordination activities are carried out by Prof.M.N.Farooqui and Prof.A.S.Gore.



Liebherr Projects

MIT, Department of mechanical Engineering has signed MOU with Liebherr Appliances Pvt.Ltd. 15 number of projects are offered out of which 4 belong to mechanical engineering.Out of these four 2 are currently being carried out actively by the department under the mentorship of various faculties of the department.

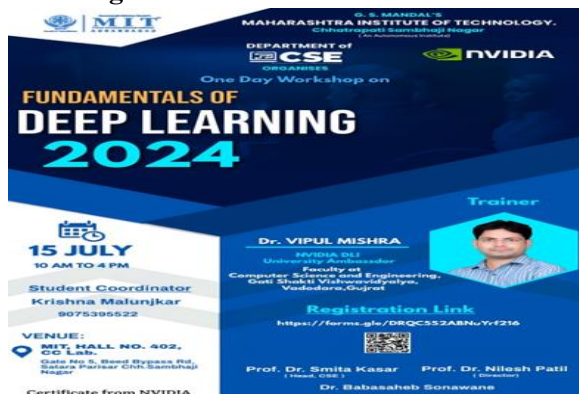
Students are regularly visiting every week on Thursday and Fridays from 2:00 pm to 5:50 pm at their facilities. More details are not shared as it's a non disclosure agreement.This activity is actively coordinated under the leadership of Prof.M.N.Farooqui, from Mechanical Engineering Department and R& D head Mr.Asem Ameer from Liebherr appliances pvt.ltd.

The Faculty Development Program (FDP) titled "Data Science Expedition - Insights with Machine Learning and Deep Learning" was conducted from 1st July to 5th July 2024
The event was organized by the Department of Computer Science & Engineering at Maharashtra Institute of Technology, Chhatrapati Sambhajnagar



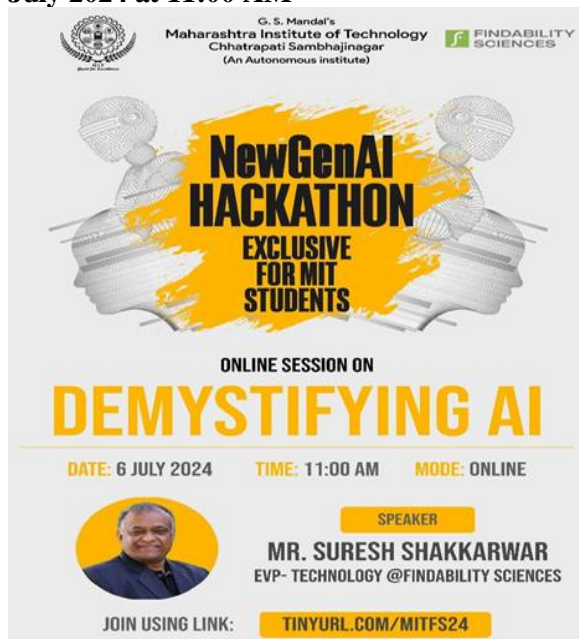
The program adopted a hybrid format, with the first two days conducted online and the subsequent three days held offline, featuring hands-on sessions to enhance practical learning. There were 20 external participants from different colleges and institutes and 26 participants from Maharashtra Institute of Technology, Chhatrapati Sambhajnagar.

One day workshop on “Introduction on Deep Learning in association with NVIDIA”



The workshop was organized for final year students on 15th July 2024 from 10:00am to 4:00pm.

Expert session on “Demystifying AI” in association with Findability Sciences dated 6th July 2024 at 11:00 AM



Department of CSE & Dept of EST Maharashtra Institute of Technology, Chhatrapati Sambhajnagar, organized online expert session on “Demystifying AI” in association with Findability Sciences. Dr. Suresh Shakkarwar Senior AI Researcher at Findability Sciences discussed the evolution of AI and its impact on various industries. He focused on practical applications of AI, including machine learning and natural language processing.

Mrs. Swati Jaipurkar and Ms. Lata Jadhav CSE department, got certified in Red Hat Certified System Administrator(RHCSA).



NewGenAI Hackathon 2024 event held on 20th and 27th July 2024



MIT hosted the NewGenAI Hackathon 2024, and the college was thrilled to honour the genius, originality, and inventiveness of some of the top GenAI thinkers. The highlight of the day was the **Idea Presentation** session. Total 49

Student Participant groups presented their AI-driven solutions to a panel of esteemed judges.

The Finale Round of the NewGenAI Hackathon 2024 was held on July 27, 2024. The event brought together innovative minds in GenAI to showcase their skills and solutions. The atmosphere was charged with excitement as participants eagerly awaited the final evaluations and verdicts. Vaibhav Biradar, Prasad Birje, Ajit Taram and Atharva Joshi got second runner up prize.

Visit of Japanese Delegation, University of Tokyo & Findability Sciences on August 7, 2024



CSE Department arranged online Expert Talk on “Explainable AI” on 03rd Sept 2024 for Third Year students by Dr. Gargi Joshi (Alumni-Batch-2012), Postdoctoral Research Fellow, and Symbiosis Centre for Applied AI, Pune



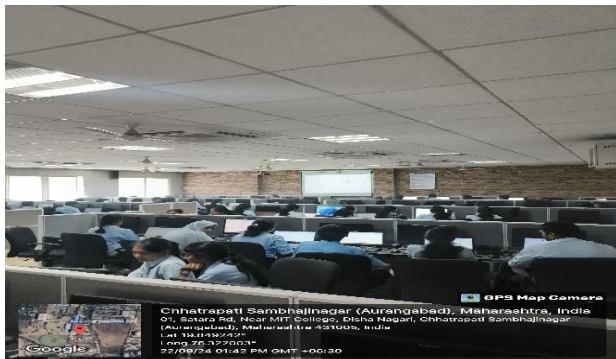
Department of Computer Science and Engineering organized workshop on “Introduction to UX Design: Making interfaces that work” on 11/09/2024 by Tanmoy Goswami (Alumni-Batch-2009)



Piyush Rane and Harshal Pathak from CSE department got second prize Rs 50000/- in Re-imagine web dev hackathon organized by Sheryians coding school, Bhopal, Madhya Pradesh.



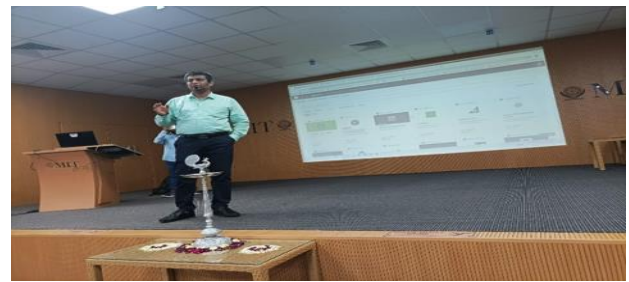
The One - Week Boot camp program on Robotics Process Automation was conducted from 19th Sept. To 23rd Sept. 2024



The workshop was organized by Department of Computer Science and Technology, for Third year and Final Year Students. The training included hands-on activities to improve practical learning and was held offline.

Three days Workshop on Ethical Hacking” workshop for SY CSE students and Minor/ Double Minor course students

Mr. Tanmay Dixit CEO Cyber Sanskar, Nashik has conducted this workshop. Mr. Tanmay Dixit has a long experience in ethical hacking in real time.



Ms. Daivashala Deshmukh earned Microsoft certification of "Microsoft Certification of "Microsoft Certified Azure Fundamentals " on 28/09/2024



Community Services Club

.Plastic and Polymer Engineering Department has formed a club named “Community Services Club” from 2023-24.As a part of the activity of this club visits are being organized to Old age homes, orphanages ,physically challenged kids aashram. In this visit as per the aashram`s requirement charity is done in terms of groceries, articles, clothes, stationeries etc. The fund collection is from the contribution of students as well as faculties.

This year as a part of the activity of the club the faculties and students of Plastic and Polymer Engineering Department paid a visit to Adhaar Vridhashram on 21 September,2024. This old age home is located on Beed By Pass Road .It is being run based upon the financial help received from various industries, institutions and some donors. The old age home caretaker is Mr.Dongaonkar. On 21 September, 2024, 54 students from SY, TY, Final Year and 3 faculties Ms.A.S.Dutta (Social Activity Club Mentor), Ms.J.S.Suryawanshi (Faculty), Ms.P.N.Shindikar (Faculty) , Mr.Amer

Sohail (Lab Assistant) , Miss Ujwala Nitnaware (CAMART ,Lab Assistant) went for the visit.Prior to visit we had asked for requirement form the care taker.He gave us a list of certain grocery items and some cooking articles such as gas stove burner and a pressure cooker.

After receiving the requirement, the budget was estimated and accordingly 37 students and 3 faculties donated certain amounts as per their will and wish and the total amount collected was of Rupees 5700.The required items were bought and were donated on the day of visit. Not only the regular students of the department but our Alumnis also actively participated here. We spent nearly 2 hours over there and interacted with all the old people residing there. Students who accompanied there tried to share some happy moments with the disheartened people staying there.

While departing the care taker gave us a thanks giving letter .Overall this visit proved to be a learning lesson for the students. They learnt the human ethical values and also the importance of family bonds from these abandoned people.

Never Hesitate to Ask Questions to Government Officials!

I often observe that government officials get a grand welcome at various forums, they get tremendous respect which is very good. And as I have spent my life in both, metros and small cities/ towns, government officials enjoy better hospitality in small cities and towns, where they are treated not less than God.

It is good to respect them, but what upsets me is no one asks basic questions to them, for which most government officials take undue advantage. I see that a police officer is respected and felicitated in gatherings but no one asks him/ her that why patrolling is not done at night? Why traffic rules are not implemented in our area? I see that officers from municipal corporation are welcomed and felicitated like VIPs, but no one asks them about the poor condition of roads, absence of footpath, signboards, etc. at Chhatrapati Sambhajnagar. All contracts given to the road builders by default include footpaths, then what happens on ground?

Where does the so called ‘Law Enforcement Agency (LEA)’ goes while implementing these safety features in our infrastructure?

We should not forget that the government officials are just paid to enforce law and order in our society and to provide services to all of us. Just imagine a young graduate who aspires to become a government official studies overnight, praises all lords and Gods and works really hard to secure a government job. He prepares for UPSC/ MPSC interviews in which he convinces the interviewers that he would provide best services to our society amidst limited resources. And suddenly as he becomes a government official, the problem of resources crop-up, to such an extent that basic policing/ patrolling gets affected, roads are made without creating footpaths, roads are not maintained regularly as per the maintenance programs, etc.

All military stations in India are working with limited number of resources and manpower. It rarely happens in a military station that a road is not maintained, just because officials are asked questions there. If your manager in military overlooks your accountability, then there is manager’s manager who will ask you questions about your job. At least that way a person is reminded of his/ her duties. Never shy away from asking government officials about quality of services that they are bound to provide. And believe me, ‘limited resources’ is just another excuse. The best managers, in military and in corporate provides amazing results with limited resources. There should be just ‘will’ to serve, to do your duty, to earn salary and not just to draw it every month.

Placement in Architecture

July 2024 : Vaishnavi Jadhav got placed through MIT placement cell at PAN GULF Technologies Pvt Ltd,Nashik as a Junior Architect. She is 2019-2024 B.Arch. Batch student



Expert Talk on “Holistic Architecture” by Ar. Yatin Pandya

On July 4, 2024, expert lecture on "Holistic Architecture" delivered by Ar. Yatin Pandya. He is Principal Architect of his firm, FOOTPRINTS E.A.R.T.H. (Environment Architecture Research Technology Housing), Ahmedabad, Gujarat. His talk offered a comprehensive overview of the tools of designs and his expertise inspired the audience to follow holistic architecture techniques. The talk was a deep dive into how holistic architecture can lead to a more sustainable and humane built environment.



Expert Talk on “Architectural Journalism & Interviewing Techniques” by Ar. Issraruddin Chishti

On July 16, 2024, expert lecture on “Architectural journalism and interviewing techniques” delivered by Ar. Issraruddin Chisti, working with Aaj-Tak channel. He explained what Architectural Journalism is, the importance of journalism in the field of architecture, purpose of architectural journalism, documenting and critiquing architectural works and influencing public opinion and professional practices. He elaborated on the topic of interviewing techniques, ethical considerations, and its types.



T.Y.B.Architecture -BCT-V-Site Visit to Siddharth Garden Swimming Pool

On July 23, 2024, the T.Y.B.Architecture 17 students went to visit Siddharth

swimming pool along with Prof. Deepali K Hejib. The aim of the visit was to understand the Construction of swimming pool with details of retaining wall, scum gutter, inlet and outlet details, filtration plant, diving Point, Ladder, Viewers gallery. The basic terms related to swimming pool such as balancing tank, material and waterproofing of basement were explained on the site.



Expert Talk on “Healthy Urban Environment” by Ar. Sammer Shaikh

On July 24, 2024, the Department of Architecture organized an enlightening expert lecture on "Healthy Urban Environment" delivered by Ar. Sameer Shaikh, an Urban Designer from Mumbai. He has experience in urban design and town planning and has done about 300 projects nationally and internationally. He commenced the lecture by explaining how to create a healthy urban environment and explained the process of designs that works in architecture field. With his experience and expertise in this field he shared his perspective of urban planning with students.



Expert Talk on “Bus Terminal Design” by Ar. Karan Thakur

On Aug 24, 2024, an expert talk on "Bus Terminal Design" was conducted by renowned architect Karan Thakur, “Ajay Thakur & Associates” from Chh. Sambhaji Nagar who has extensive experience in designing bus terminals who provided an overview of his professional journey and

highlighted several of his completed projects. He discussed the norms, guidelines, and functional requirements essential for designing a bus terminal. He emphasized the importance of adhering to these standards to ensure the safety, efficiency, and comfort of the users.



Expert Talk on “Safe Spaces- Fire Resilient Spaces” by Er. Shashank Hampalle

On September 20, 2024, the Department of Architecture at M.I.T Chh. Sambhaji Nagar organized an expert lecture in collaboration with IIID Marathwada Centre on “Safe Spaces- Fire Resilient Spaces,” delivered by Er. Shashank Hampalle. He discussed the norms, guidelines, and functional requirements essential for designing Fire resilient spaces and emphasized the importance of adhering to the standards to ensure safety, efficiency for user. He demonstrated how these principles were applied in real-world scenarios through his projects, offering invaluable insights to the attendees. Mr. Hampalle elaborated on the methodologies of fire resilient designs and the usage of various equipment used in fire drills. This segment bridged the gap between theoretical knowledge and practical application. The talk was conducted for all students of Architecture, B.Vocational Interior Designer, MGM School of Design, Neev Academy and Dept. of Civil Engineering to gain insight into Safe Spaces- Fire Resilient Spaces and Designs.



RCC Construction Site Visit for Second Year B. Arch students

The report on the RCC Construction Site Visit for Second Year B. Arch students (A.Y. 2024-25) held on August 7th, 2024, near Sangram Nagar Overbridge, Chhatrapati. Sambhaji Nagar, aimed to provide practical exposure to reinforced cement concrete (RCC) techniques. The visit focused on various structural reinforcements such as steel meshing, development bars, tension bars, and extra top reinforcement. Through real-time examples, the students gained hands-on experience in interpreting structural drawings and understanding RCC's role in ensuring the structural integrity of buildings. The visit, guided by Prof. Zakeer Inamdar and Prof. Leena Aphale, helped bridge the gap between classroom theory and on-site practices, preparing students for professional challenges in the field of architecture.

Site visit to Aravee Gracia – commercial complex, Chhatrapati Sambhaji Nagar

On July 5, 2024, a site visit was held to the commercial complex – Aravee Gracia – designed by Ar. Rohit Suryawanshi, Chhatrapati Sambhaji Nagar, aimed to introduce and explain the various aspects of Commercial Complex. Aspects such as zoning, circulation, segregated planning of residential and commercial activities. The primary purpose of the site visit was to assess the design, functionality, and user experience of the Aravee Gracia, Commercial Complex. The basic services related to commercial complex such as Parking, slope for basement, common toilets, rainwater harvesting, fire protection, ventilation were explained on the site. The visit, guided by Prof. Swapna Dhavale and Prof. Manasi Joshi, helped bridge the gap between classroom theory and on-site practices, preparing students for professional challenges in the field of architecture.



Architecture Awareness programme – NASA Day celebration, Chhatrapati Sambhaji Nagar

On Sept 21, 2024, Architecture Awareness programme to celebrate NASA Day Organized by MIT, for 8th, 9th, and 10th student at Chate school, Chh. Sambhaji Nagar, aimed to raise awareness about architecture among young students. Events like these can inspire future Architects. faculty member Prof. Deepali Hejib and Prof. Manasi Joshi and students conducted an event followed by quiz and questions to stimulate curiosity about the Architecture amongst the students and concluded by presentation on Architecture Awareness, where information about Architecture course, Entrance exams, prospects were discussed with the students.



Site visit to Steppingstones industries– Simpolo Ceramics, Chhatrapati Sambhaji Nagar

On September 30, 2024, with permission from the store owner Mr. Padalkar, S.Y B.Arch. students and Prof. Ruta Deshpande visited Steppingstones Industries to explore Simpolo tiles. Students were introduced to a wide range of tiles with various textures, finishes, and sizes, offering them hands-on exposure to the market's options. The Steppingstones team explained the tiles' technical specifications, including durability, strength, and resistance to wear, emphasizing their suitability for architectural and interior design. Students engaged in discussions on production, installation, and design versatility, with their questions addressed by Mr. Padalkar and the faculty, enriching their practical understanding of the materials. Market Survey has helped students to gain knowledge about materials their properties and applications.



Farewell event for batch 2019- 2024

On 28th September 2024, a formal farewell ceremony was held for the graduating architecture batch of 2019-2024 at Seminar Hall, Department of Architecture at 12.30pm. Faculty and students gathered to acknowledge the academic achievements and contributions of the graduates. Speech were delivered, reflecting on their journey, and wishing them success in their future endeavors. Some fun activities, games & refreshments were organized for the graduating students. The event concluded with best wishes for their professional paths, marking a significant milestone in their careers.



Induction program for First year B.Arch. students

On 12th, 13th & 14th September 2024, an Induction Program for first-year architecture students, admitted in September 2024 was conducted. It began with a welcome session and an introduction to the institution and department by H.O.D Kuldeep Bhatia, who outlined the department's mission and course objectives. Director Dr. N.G. Patil encouraged students to aim for success in their profession while upholding social responsibility.

Day 1 featured an ERP session and a campus tour.

Day 2 included a lecture on "Architecture: Techne and Technik" and a Wastepaper Bridge Building activity.

Day 3 concluded with a session on "Universal Human Values" and creative student activities.



Heritage Walk to Kailash Leni Ellora

On Engineer's Day (15th September 2024), MIT Heritage Club, in collaboration with Intact, organized a Heritage Walk to the Kailash Leni at Ellora Caves, aimed at enriching students' understanding of India's architectural heritage. The event began at 6:00 AM, with students and faculty departing for Ellora, where they explored the famous Kailasa Temple (Cave 16), learning about its architectural innovations and historical significance under the guidance of heritage experts. The walk also included visits to other caves displaying Buddhist, Hindu, and Jain influences, giving students insight into the evolution of temple architecture.



Student Participation- Popsicle Bridge Building Competition at UltraTech Cement Ltd., Chhatrapati Sambhaji Nagar

On September 19, 2024, the (PBBC-2024), held a Popsicle Bridge Building Competition at UltraTech Cement Ltd., Chhatrapati Sambhaji Nagar. Second-year B.Arch. students from the Department of architecture, M.I.T, Chhatrapati Sambhaji Nagar, took part in the competition, displaying their technical and creative skills. The competition, organized by the Association of Civil Engineers Practicing (ACEP) in association with UltraTech Cement Limited, challenged participants to design and construct functional bridge models using popsicle sticks and other materials. The event not only fostered teamwork and problem-solving skills but also provided a practical understanding of structural design and engineering principles.



Report on Expert Lectures on "Applications of Artificial Intelligence, Machine Learning & Geosynthetics in Civil Engineering"

IGS Aurangabad Chapter in association with Civil Engineering Department organized the expert lectures on 16th August 2024. The following expert gave valuable guidance to the Third and Final year Students. For the program Dr. N. G. Patil, Director, MIT, were present.

Er. Tiru Kulkarni has given the presentation on Applications of Geosynthetics. Dr. Sachin Jain given the information on Applications of Artificial Intelligence and Machine Learning. Er. Suman Jain spoke on Construction of Caissons and at last Er. Ramesh Kulkarni guided the students for Career opportunities in Interdisciplinary Engineering. The students appreciated the experts for their valuable guidance





IGC 2024 Committee Visit

The Committee of three persons, Dr. A. P. Singh, Er. Ramesh Kulkarni and Dr. Baadiga Ramu, visited the MIT Campus to take the overview of Event preparation (IGC 2024) on 13/09/24.

Dr. N. G. Patil (Director, MIT), Dr. M. S. Dixit (Secretary, IGC 2024), Dr. U. B. Kalwane (Chairman, IGS Aurangabad Chapter), Dr. S. S. Jaiswal, Mr. S. N. Pawar and Mr. Y. D. Shermale, were present along with committee members. All members visited Manthan Hall, Rooms for Planery Sessions, Food Area, *etc.* The members also had a meeting with Hon. Director General Prof. Munish Sharma. The members suggested some input like Live Streaming of Key notes Speaker's session so that persons seated in Exhibitor's stalls, can also listen the same

