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Prof. A. E. Shewale (CSE)

Prof. . Pranita Pranjale (Arch)

Prof. Prajkata Nalgirkar (ESCD)

Prof. V. R. Borsarkar (Poly.)

"A Unique Road Trip, From India to London".



We are very excited to share with the world out there that Prof Munish Sharma, Director General MIT CSN, along with his friend Dr Ravi has started a unique road trip, from India to London! This 65-day road trip covers 20 countries. This is a journey inward, exploring oneself, rather outwards. The two gentlemen and their third buddy - 'the car' will experience varied culture across countries. Being a road trip, it is expected to be very adventurous and unique. "To travel along with them through 20 different countries please follow them on Instagram: https://www.instagram.com/bridging_borders/"

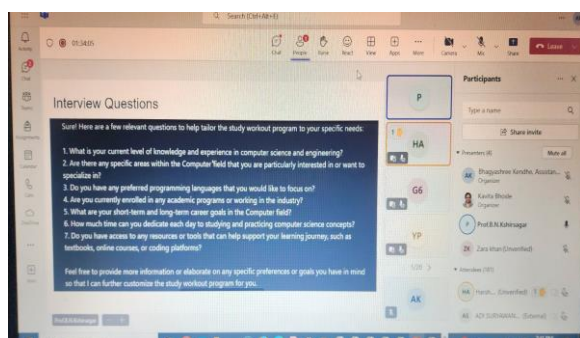
Hands-on Workshop on "Data Visualization using Tableau" By Prof. B.N. Kshirsagar

Date: 28th March 2025

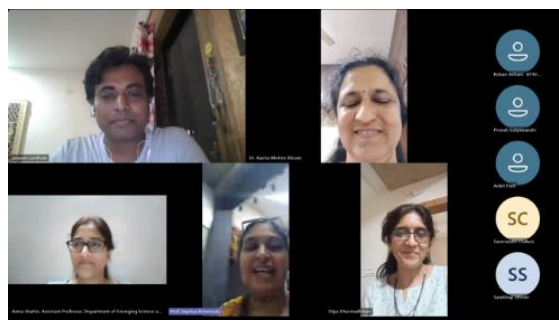
Time: 8:00 AM to 9:00 AM

Speaker: Prof. B.N. Kshirsagar, MIT Chh. Sambhajinagar

In a fast-paced yet impactful session, Prof. B.N. Kshirsagar introduced the fundamentals of data visualization using Tableau. Students learned how to interpret datasets using charts, graphs, and dashboards to support data-driven decisions. The workshop covered Tableau's interface, dataset connectivity, dashboard creation, and use cases in business intelligence and academic research. Participants engaged in live data exercises and were guided to explore Tableau Public for future practice.



This session greatly enhanced students' analytical thinking, preparing them to transform complex data into visual narratives that inform and persuade.



Expert Talk on Digital Wellness 28th March 2025 by Ms. Mitali Lathi (Counseling Psychologist, VP - Chetana Empowerment Foundation)

Date: 28th March 2025

Speaker: Ms. Mitali Lathi (Counseling Psychologist, VP - Chetana Empowerment Foundation)

In an engaging session on "*Digital Wellness*", Ms. Mitali Lathi enlightened students on the growing challenge of screen addiction and its psychological impacts. Drawing from her background in counseling and alternative therapy, she emphasized stress management, anxiety reduction, and digital mindfulness.



The session addressed real-life case studies and introduced mindfulness techniques, digital detox practices, and methods to set healthy tech boundaries.



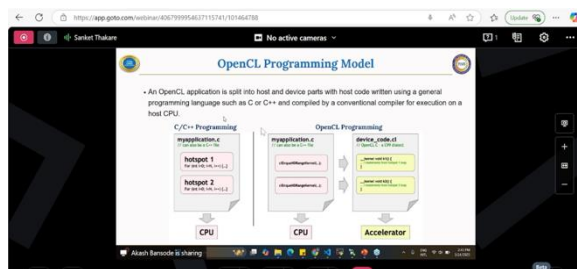
Students gained practical strategies to manage digital overload, improve focus, and cultivate healthier online habits. The talk empowered participants to pursue a more balanced digital lifestyle aligned with academic and personal well-being.

Hands-on Workshop on "CUDA and Open CL" by Mr. Sanket Thakare & Mr. Akash Bansode

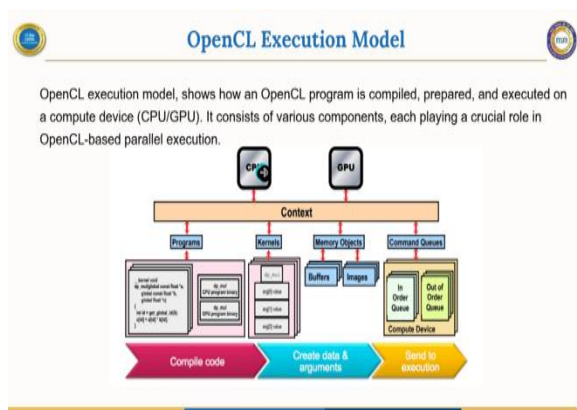
Date: 17th to 22nd March 2025

Speakers: Mr. Sanket Thakare & Mr. Akash Bansode

Department of Emerging Science & Technology organised this intensive six-day workshop introduced students to GPU programming through CUDA and OpenCL. Beginning with GPU architecture and threading concepts, it progressed to advanced memory management, error handling, and kernel execution models.



Attendees learned to implement parallel programs, explored execution models (SIMT vs SIMD), and practiced coding using platforms like Kaggle and Linux. The differences between CUDA (NVIDIA) and OpenCL (multi-platform) were clearly explained through hands-on demos.



Participants left with the ability to design and optimize GPU-accelerated applications, gaining technical depth in high-performance computing skills increasingly in demand in fields like AI, simulation, and scientific research.



Workshop on Future in Cloud Innovation and Best Practices by Mrs. Priyanka Kapadiya (Google Authorized Trainer, Cloud Consultant)

Date: 10th to 13th March 2025

Resource Person: Mrs. Priyanka Kapadiya (Google Authorized Trainer, Cloud Consultant)

The Department of Emerging Science & Technology hosted a four-day offline workshop on "Future in Cloud Innovation and Best Practices", conducted by Mrs. Priyanka Kapadiya. Attended by over 250 students and faculty, the program provided hands-on exposure to AWS services and cloud architecture.



Participants explored AWS tools such as EC2, Lambda, S3, RDS, and VPC, while learning about the AWS Well-Architected Framework, IAM security protocols, and cloud cost optimization strategies. Real-time lab sessions using AWS Educate and Skill Builder enhanced practical understanding.

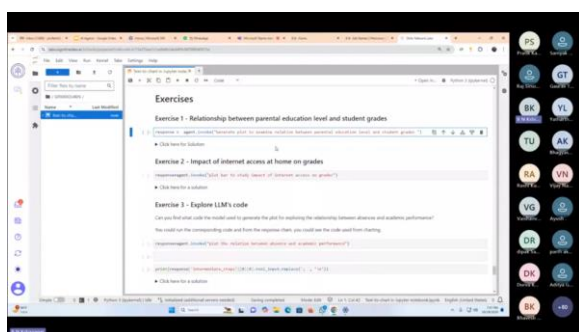
The workshop successfully elevated students' cloud literacy strengthened their readiness for industry roles, and built a strong foundation for AWS certification. Students left with increased confidence in managing cloud infrastructure and deploying secure, scalable solutions.

Workshop on LLMs and Deep Seek R1 by Prof. B.N. Kshirsagar, MIT Chh. Sambhajinagar

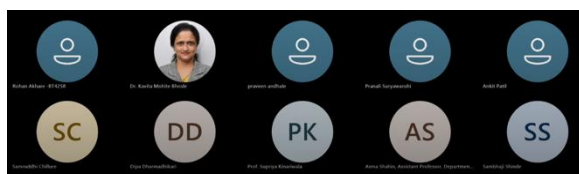
Date: 8th February 2025

Speaker: Prof. B.N. Kshirsagar, MIT Chh. Sambhajinagar

Prof. B.N. Kshirsagar led an eye-opening workshop on “LLMs and DeepSeek R1”, focusing on one of the most advanced open-source large language models. The session provided a deep dive into LLM architecture, training methods, and applications in generative AI.



Participants explored how DeepSeek R1 supports tasks such as text generation, summarization, and code completion. With coding examples and practical demos, students were introduced to real-world NLP workflows.



The session boosted awareness of the capabilities and potential of open-source AI tools, equipping students with knowledge to experiment and innovate in the fast-growing field of language models and AI.

IIC Expert Talk on Innovation Development 6th February 2025

Organized by: Department of EST in collaboration with Institutes Innovation Council (IIC)

The online expert talk on “Process of Innovation Development” provided a

comprehensive roadmap for turning ideas into impactful solutions. Covering the innovation journey from ideation to commercialization, the session featured frameworks, tools, and case studies relevant to modern product development.



Over 230 students explored stages like prototyping, testing, and scaling, while learning how to apply innovation thinking within both startup and institutional settings. The session equipped participants with the confidence and skillset to pursue their own innovations, promoting a campus culture of creativity, collaboration, and entrepreneurship.

Sci-Clone 2025: Empowering Young Minds for Scientific Innovation

22 Feb, MIT, Aurangabad – The annual Sci-Clone 2025 event, held under the theme “*Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat*”, served as a vibrant platform for scientific discourse, innovation, and youth engagement.

The event featured key dignitaries, including **Dr. Nitin Labhsetwar** (Chief Scientist, NEERI), **Dr. Ritesh Mishra** (CEO, Mahyco), and **Mr. Aniruddha Kulkarni** (R&D Manager, BPCL), with **Prof. Munish Sharma**, Director General of MIT, presiding over the function. The occasion began with a lamp-lighting ceremony, followed by

felicitation of the guests for their contributions to science and technology.

Focusing significance of Indian Agriculture **Dr. Ritesh Mishra** delivered an insightful keynote on “**Science for Advancing Agriculture,**” discussing revolutionary developments like the Green and White Revolutions, CRISPR technology, and modern farming practices such as direct-seeded rice and high-density plantation systems. He highlighted India’s status as the second-largest global producer of fruits and vegetables and emphasized the critical role of science-driven agricultural policy.

Further on **Dr. Labhsetwar** focused on interdisciplinary research and sustainable development, urging students to pursue solutions for energy efficiency and climate resilience. He advocated for cross-domain collaboration and highlighted the interconnectedness of science and social sciences.

Mr. Aniruddha Kulkarni shared his innovation—the **Bharat Hi Star LPG Burner**, an energy-saving device with 74% efficiency—demonstrating practical advancements towards a gas-based economy.

In the presidential address **Prof. Munish Sharma’s** drew on the evolution of human knowledge and traditional education systems, encouraging students to develop specialized skills while embracing holistic education.

The event concluded with the honoring of meritorious students for academic and research excellence and a vote of thanks by **Dr. Arti Mohanpurkar**. A feedback survey of 240 students rated the event overwhelmingly as “**Excellent**”, reflecting its impact in inspiring future scientific leaders.

Sci-Clone 2025 reaffirmed the role of science and innovation in national development, fostering a culture of inquiry, collaboration, and creativity among India’s youth





Printing and Additive Manufacturing for First-Year B.Tech.

Chhatrapati Sambhajnagar, 11 April, 2025

In a significant step towards introducing emerging technologies to budding engineers, the First Year Students' Association of the Basic Sciences and Humanities Department,

Maharashtra Institute of Technology (An Autonomous Institute), in collaboration with the National Institute of Electronics and Information Technology (NIELIT), Chhatrapati Sambhajnagar, successfully conducted a one-week boot camp from 3 April 2025 to 9 April 2025 on 3D Printing and Additive Manufacturing.

The inaugural session was conducted in the presence of Mr. N. Anand, the Scientist from NIELIT, expert faculty trainers from NIELIT, Dr. Amit Rawate, Dean, Student Development

Prof.S.R. Andhale Head of BSHD, and Faculty coordinators from MIT. The Chief Guest, Mr.N. Anand emphasized the importance of early exposure to emerging technologies. “By introducing First Year students to these advanced technologies early on, we are equipping them with the skills necessary for the future of engineering,” said Prof. S.R. Andhale. Dr.Amit Rawate, Dean, Student Development and Alumni Affairs, MIT, in his presidential address congratulated the department for organizing the boot camp of practical experiences for First Year students and he also congratulated the participants of the course for showing their interest in the course.

The boot camp, held exclusively for First-year engineering students, was sponsored by the Ministry of Electronics and Information Technology, Government of India, and aimed at bridging the gap between theoretical knowledge and real-world applications of modern manufacturing technologies.

Throughout the week, participants were exposed to in-depth training sessions, live demonstrations, and hands-on workshops led by technical trainers Mr. Zulfequar Ali, Mr.Pawan Alhat and Mr. Mansingh Andhale from NIELIT. The sessions covered various aspects of 3D printing, including design principles, software tools, material selection, and industrial applications.

The initiative received overwhelming participation from students, who showed keen interest in learning about the rapidly growing field of additive manufacturing.

The boot camp concluded with a valedictory session, where participants were felicitated and encouraged to pursue further learning in advanced technologies. Students, in their feedback, praised the efforts of the organizing team, stating that such initiatives play a crucial role in inculcating interest for technical competence among them at an early stage of their academic careers.



Study tour to Kerala for 2nd to 5th year B.Arch students

From 18–27th January 2025, an architectural study tour explored Munnar, Thekkady, Alleppey, and Cochin. Tea-estate factories in Munnar revealed vernacular industrial architecture; Thekkady's eco-lodges and spice plantations demonstrated climate-responsive design with local materials. In Alleppey, kettuvallam houseboats and canal-side dwellings illustrated amphibious strategies, while Cochin showcased colonial and contemporary waterfront architecture. Dialogues with architects, artisans, and guides highlighted Kerala's sustainable practices, strengthening team cohesion and regional design appreciation. The tour was guided by Prof. Sanjay Mhaske, Prof. Mansi Joshi and Prof. Zakeer Inamdar.



Expert Talk on “Importance of Self-explanatory Drawings And Understanding Contours” by Ar. Rajan Nadkarni

The Department of Architecture, MIT Chhatrapati Sambhajnagar, hosted an expert talk by Ar. Rajan Nadkarni on February 8, 2025, focusing on the importance of self-explanatory drawings and understanding contours. He emphasized clarity in architectural drawings and the significance of contour mapping in site planning. The session was interactive and insightful, enhancing students' practical knowledge and bridging theoretical concepts.

with real-world applications. Event was co-ordinated by Prof. Pranita Bokankar and Prof. Utkarsha Shetkar.



Study tour to Pune for Second year B.Arch students

On 14 February 2025, a design study tour to the IUCAA Campus, Zapurza Art & Cultural Museum, and CDSA Campus. They investigated how public architecture engages environmental, cultural, and functional contexts, documenting materials, styles, construction methods, and planning strategies through photography and group notes. Lively discussions highlighted structural and architectural principles, providing valuable insights into community-oriented and enriching their understanding of architectural practice. The tour was led by Prof. Swapna Dhavale



MOSAIC 2025: A Celebration of Creativity, Learning, and Collaboration

MOSAIC 2025, the annual techno-cultural event of the Department of Architecture, was held on 22nd, 24th, and 25th February 2025. The event aimed to provide students with a platform to showcase their talents, interact with experts and

alumni, and explore fields related to architecture. Highlights included expert talks, creative student competitions, a fun-filled fair, and a vibrant freshers' and cultural program, fostering learning, creativity, and a spirit of collaboration among students. Event was co-ordinated by Prof. Pranita Bokankar and Prof. Utkarsha Shetkar.

MOSAIC Day 1- Architecture inspired Student activities at the department.

On 22nd February 2025 with vibrant, architecture-themed activities. Students transformed clear panes into colorful glass-painted panels and turned plain T-shirts into theme designs. The day's centerpiece, an architectural fashion show, featured student-designed outfits inspired by structural forms—arches, grids, and spirals—presented in a lively ramp walk. These three events blended art, design, and performance, celebrating creativity and teamwork.



MOSAIC Day 1- A Vibrant Funfair Celebration at the Department of Architecture

On 22nd Feb 2025, the afternoon session of Mosaic Day 1 featured a lively funfair at the Department of Architecture. Each class participated by setting up stalls offering a variety of food and games, creating a vibrant atmosphere. Students enjoyed classic fair games, delicious snacks, and interactive activities, fostering a sense of community and friendly competition. The event was a perfect blend of fun and creativity, showcasing the

department's spirit of collaboration and teamwork.



MOSAIC Day 2- Expert Talk on “AI & Architecture: A Journey to the Centre of Excellence” by Ar. Sahil Tanveer

On 24th Feb, Ar. Sahil Tanveer delivered a compelling talk titled “*AI & Architecture: A Journey to the Centre of Excellence.*” As Principal Architect at Red Brick Design Studio and AI expert, he explored the transformative role of AI in architecture. He highlighted tools like Midjourney and LumaAI, AI-driven design workflows, and real-world case studies, emphasizing AI's role in enhancing creativity, storytelling, and productivity without replacing architects.

MOSAIC Day 2- Expert Talk on “Design Forward: Learn, Innovate, Build” by Ar. Rajat Patle.



On 24th Feb, Alumnus, Ar. Rajat Patle's session “*Design Forward: Learn, Innovate, Build*” inspired students to blend creativity with functionality. An MIT alumnus and founder of

CentiGreat Architects, he emphasized contextual design, sustainable solutions, and real-world learning. Highlighting workshops at Dharmalaya and lectures at LBC, he introduced the "Four Layers of Innovation" and discussed diverse projects—from theme parks to compact resorts—urging aspiring architects to embrace innovation through hands-on experiences and continuous exploration.



MOSAIC Day 3- Freshers & cultural event for students.

On 25th Feb 2025, Mosaic Day 3 welcomed freshers into the fold with a lively cultural showcase. New and senior students shared the stage, presenting energetic dance numbers, soulful musical performances, and impromptu skits that highlighted diverse talents and regional rhythms. Applause echoed through the open-air venue, forging camaraderie across batches. The celebrations culminated in a relaxed communal lunch, where chatter, laughter, and local flavors cemented new friendships and Mosaic's inclusive spirit.



Study tour to Pune & Shrivardhan for Third year B.Arch students

From 10–13th March 2025, a four-day study tour immersed third-year B.Arch students in hands-on learning. the itinerary blended site

visits, case studies, and academic exchanges to illuminate architectural styles, cultural contexts, and elderly mass-housing design. Stops in Pune, Shrivardhan, Murud-Janjira Fort, and a leading architecture college provided rich, real-world insights that deepened students' understanding of contemporary and historic built environments. The tour was guided by Prof. Leena Aphale and Prof. Manasi Joshi,



Academic MOU signed with MKSSS's Dr. B.N. College of Architecture, Pune

On 13 March 2025, A Non-Financial Memorandum of Understanding (MoU) was signed between MKSSS's Dr. B.N. College of Architecture for Women, Pune, and MIT College, Department of Architecture, Chhatrapati Sambhajnagar. This collaboration aims to promote shared quality initiatives in architectural education. It enables academic exchange, joint research, curriculum development, workshops, and student-faculty exchange programs. The MoU marks a significant step toward enhancing teaching practices, fostering innovation, and encouraging interdisciplinary collaboration for mutual academic growth.



Shraddha Vasu of TY(CSE) got second prize in the Savitri Memorial Elocution competition organised in SBES college, Chhatrapati Sambhajnagar on 16th Jan. 2025.



CSE department organized Five Days Workshop on “Master Industry-Grade Python Skills from 27/1/2025 to 31/1/2025 for students.



Amaan Syed, Shaikh Rayyan Ahmed, Rushikesh Gaikwad, Huzaifa Mohammed got second prize in national level Techelons Hackthon 25 at P. R. Pote Patil

**Group of Educational Institutes,
Amravati on 20th Jan 2025.**



Syed Amaan (Team Lead), Shaikh Rayyan Ahmed, Mohammed Huzaifa, and Rushi Gaikwad secured 2nd runner up at HackTheGap, an exciting hackathon organized by MGM University on 25th March 2025.



Over an intense period of brainstorming, coding, and problem-solving, the team—Syed Amaan (Team Lead), Shaikh Rayyan Ahmed, Mohammed Huzaifa, and Rushi Gaikwad—developed an AI-powered personalized learning path generator to revolutionize Smart Education. The solution aims to create adaptive learning

experiences tailored to individual students, helping them achieve their academic goals efficiently.

CSE department successfully organized an Industrial Visit to ISRO, Bangalore from March 2 to March 6.



This visit provided students with a unique opportunity to explore cutting-edge advancements in space research and satellite technology at one of India's premier space organizations.

Mrunal Kulkarni, Krutika Shitole, Sakshi Karpe, Maryam Shaikh, Kunal Lohar, Rushikesh Gaikwad secured 2nd place in wings Hackathon 2.0 organized by government college of Engineering, Chhatrapati Sambhajinagar.



Virendra Bahure, Adwiat Chorghade, Arpita Raut, and Samruddhi Gore from CSE department got 1st Prize ₹10000 in hack the gap'25 for their project "AI-Bases code compiler and debugger" at JNEC College, Chhatrapati Sambhajnagar.



Atharva Nile Wins Second Prize at TECH-TANTRA 2K25.



The Department of Computer Science & Engineering congratulates Atharva Nile (TY, CSE) for securing Second Prize in the Poster

Presentation Competition at TECH-TANTRA 2K25, held at Padmashree Dr. V. B. Kolte College of Engineering, Malkapur, Buldhana, on February 7, 2025. His presentation on “Smart Innovative Ideas, Actually Change the Future” earned him a certificate, trophy, and ₹10,000 cash prize.

Pallav Wankhede from TY CSE received the High Commendation Award in the International Press Corps at the GMC Conference 2025 (2nd National Edition) held at Government College of Engineering.



Site visit to Ar. Yogesh Zavar's office, Chhatrapati Sambhajnagar

On 13 March 2025, first and second-year B.Arch students visited the office of Ar. Yogesh Zavar, founder of YZ Concepts, located near Prozone Mall, MIDC, Chhatrapati Sambhajnagar. The visit offered students valuable exposure to professional architectural practice, design workflows, and project management. Through interactive discussions and office tours, students gained insights into real- world applications of their academic learning, fostering early professional awareness and a better understanding of architectural office environments.



GATE 2025 Success: Achievements of Fifth-Year B.Arch Students

As per the results declared on 19th March 2025, National level Competitive Exam GATE 2025, fifth-year B.Arch students Mr. Parvez Farooqui and Mr. Dnyanesh Raswe qualified, showcasing their exceptional academic capabilities. Their success highlights their dedication and perseverance, setting a strong example for their peers. This achievement not only marks a significant milestone in their academic journeys but also inspires fellow students to strive for excellence in their future professional endeavors.

GATE Awareness session organized by MESA-2025 in association with GATE-I2E Imperial

On 19th March 2025 the GATE Awareness session was organized by MESA-2025 in association with GATE-I2E Imperial.

Mechanical Engineering students' association conducted a session on GATE awareness for students of third year and second year on 19th March 2025.

The speaker was Mr. Paresh Gugal, of GATE-I2E Imperial, briefed the students about gate preparation and its significance in professional careers. While Head of Dept .Dr.A.J.Keche briefed on 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, coordinates and conducted the proceedings of the event.



Maharashtra Institute of Technology, Chatrapati Sambhajnagar
(An Autonomous Institute)

Department of Mechanical Engineering
Students Association - MESA-2025

In Association with
GATE - I2E Imperial

A Powerful Energetic Seminar on
GATE - Awareness **(GATE-I2E Imperial)**

India's Top Motivational Speaker
Mr. Paresh Gugal
Founder, Director - I2E -Imperial Institute
MTech, MBA - NITIE, Mumbai
GATE All India Rank - 21, 191
Trained 25000+ Students till now
Conducted 250+ Seminars in Last 3 Months

Don't Miss : GATE-I2E Career Guidance Seminar

Seminar Content – Information about

- * Importance of the Most Important - GATE Examination (Direct and Indirect Benefits)
- * Multiple Benefits like : GATE | IES | PSU | MPSC etc
- * All Government Schemes Like -JRF, CSIR, PMRF and ManyMore
- * MS in Germany & Singapore & Many More

Date - 19th March (Wednesday)
Timing - 1.15pm to 3.15pm Div(A+B)

Prof.M.N.Farooqui (Faculty Coordinator) **Dr. A.J.Keche** (HOD, Mechanical Dept) **Dr. N.G.Patil** (Director)

Industrial visit at Sanjeev Auto Dahegon Plant Date of Visit: March15,2025

Purpose: To explore and understand the practical applications of automation, robotics, gear designing processes, and warehouse / inventory management in a real- world industrial setting.

The visit to Sanjeev Auto's Dahegaon plant was an enriching experience that bridged the gap between theoretical knowledge and industrial practices. Known for its expertise in manufacturing precision components such as gears, shafts, and drive train assemblies, Sanjeev Auto has established itself a sale in the

automotive industry. The visit provided us with a first-hand look at cutting-edge technologies and operational strategies that drive their success.



Research Conclave 2025 at MIT: Advancing Science and Technology for a Sustainable Future

A one-day Research Conclave on “Recent Advancements in Science and Technology” was successfully held on January 20, 2025 at MIT Chhatrapati Sambhajinagar. The event brought together eminent researchers and industry leaders to discuss breakthrough innovations in energy, materials, and sustainable development. The conclave commenced with an inauguration ceremony, where Dr. Nilesh G. Patil, Director of MIT Chhatrapati Sambhajinagar, introduced the event’s objectives. Prof. Munish Sharma, Director General of MIT, welcomed the distinguished speakers and participants. The Chief Guest, Padmashri Prof. G. D. Yadav, Emeritus Professor and Former Vice-Chancellor of ICT Mumbai, delivered an inspiring address on the significance of sustainable scientific advancements. The presidential address was given by Prof. K. V. Kale, Vice-Chancellor of Dr. BATU Lonere, highlighting the three key

areas of research in India i.e. agriculture sector, artificial intelligence and quantum computing. The conclave featured insightful lectures from leading scientists and industry experts, covering topics crucial for the future of technology and environmental sustainability. Padmashri Prof. G. D. Yadav delivered the inaugural lecture focusing on the role of hydrogen as a clean energy source. He elaborated on hydrogen’s potential in achieving net-zero carbon emissions and its application in industries to mitigate climate change. Dr. P. K. Jain provided an overview of nanotechnology, particularly carbon-based composites, emphasizing their role in lightweight, high-strength materials used in aerospace, automotive industries, gas sensing applications and energy storage.



MIT Mechanical Engineering Students Secure Rs. 50,000 Funding for Industrial Projects

The Maharashtra Institute of Technology (MIT) is proud to announce that two groups of final-year students from the Department of Mechanical Engineering have received a total funding of Rs. 50,000/- for their innovative industrial projects. The funding has been awarded under the Marathwada Association of Small-Scale Industries and Agriculture (MASSIA) & Tata Technologies Ready Engineer initiative, as part of the “Ready Engineers MSME Innovation Program 2024–25”. Projects were undertaken at Shubhneel Industries Pvt. Ltd., Waluj and Jain Precession & Forging Pvt. Ltd., Waluj. This initiative aims to foster industry-academia collaboration and provide students with hands-on experience in real-world engineering challenges.

The projects are being carried out under the expert mentorship of Mr. Abhay Gore and Dr. Pankaj Zine, whose guidance and motivation have been instrumental in this achievement. The coordination of this initiative has been efficiently managed by Mr. Abhay Gore.



“Industrial Automation: Demonstration on various Applications, skills & Entrepreneurship”: 12th February 2025

Mr. Sanjay Wategaonkar, Technograph Consultantancy, Waluj, Aurangabad.

Mr. Sanjay Wategaonkar is an entrepreneur and has his own manufacturing unit in Waluj, Aurangabad. He has founded the company “Technograph Consultantancy, at Waluj, Aurangabad. He has 36 years of industrial experience. His company specializes in Design and manufacturing of Industrial Automation and special purpose machines.



Department of Agricultural Engineering students visited ARDC, CSN to explore advanced farming technologies.

On 12 February 2025, a team from the MIT Agricultural Engineering Department visited the Agricultural Research and Demonstration Centre (ARDC) at MIT, Chhatrapati Sambhaji Nagar. The objective of this educational visit was to explore the practical applications of **micro-irrigation systems** and **greenhouse technology** in modern farming.



The entire visit was efficiently managed by the faculty members, including those who coordinated the event and guided students throughout the day. During the visit, students had the opportunity to observe the installation and functionality of these advanced agricultural systems, which are designed to improve water conservation, enhance crop production, and promote sustainable farming practices.

SY and TY Students of Agricultural Engineering visit ARDC MIT CSN

Experts such as Mr. Sagar Bhatt, Mr. Shaswat Mishra, and Ms. Dhanshri More shared valuable insights into fertigation,

irrigation techniques, and nursery management. The visit also highlighted innovations in hydroponics, protected cultivation, and smart farming technologies,



demonstrating the integration of technology in agriculture. The support from the Head of the department further ensured the smooth execution of the visit, emphasizing the importance of bridging the gap between academic learning and practical agricultural applications.



World Water Day (22/03/2025) Celebration at MIT CSN
World Water Day Celebration at Agricultural Engineering Department in collaboration with Institute of Engineers

The World Water Day (22 March 2025) was celebrated at the department of agricultural engineering in collaboration with the Institute of Engineers. "Save Glaciers" was

the theme of event. A brief yet compelling preamble was delivered by Dr. D.T. Bornare, Head of AED and convener outlining the history, purpose, and global importance of World Water Day. The highlight of the event was keynote address by the Chief Guest, Er. Vijaykumar Ghogare, Chief Engineer, a renowned authority in Water Resource Department CSN. The speech elaborated on the theme, "Save Glaciers," addressing the causes of glacier melting, its global impact, and strategies for mitigation. The President of the organizing committee, Dr. A.S Garudkar, Head and Professor at Water and Land Management Institute, Govt. of Maharashtra and Chairman of Institution of Engineers, Marathwada local center, delivered a thought-provoking speech, reinforcing the importance of water conservation and urging the audience to adopt sustainable practices. The program witnessed enthusiastic participation (More than 150) from dignitaries, experts, students, and members of the community.



One day Industrial and Field Visits arranged for students

The Department of Agricultural Engineering organized an enriching industrial and field visit to Ellora Seeds Pvt. Ltd., WALMI, and KVK Chhatrapati Sambhajanagar, providing



students hands-on exposure to modern agricultural practices. At Ellora Seeds, participants observed hybrid seed processing, quality control, and advanced treatment methods. WALMI showcased water-efficient technologies like drip irrigation and IoT-based monitoring systems, while KVK demonstrated climate-resilient farming techniques and post-harvest solutions. Over 30 students and faculty gained practical