



ARTIFICIAL INTELLIGENCE DIPLOMA COURSE



'Mahavir' Takes the Lead with introducing New AIML Diploma Course

As the **Managing Trustee** of Shree Mahavir Education Society in Nashik, I am pleased to inform you that Mahavir Polytechnic has been granted permission to commence an Artificial Intelligence and Machine Learning (AIML) diploma course by both the Maharashtra State Board of Technical Education (MSBTE) and the All India Council for Technical Education (AICTE). We are delighted to receive this approval and are looking forward to commencing the course soon.

The field of AIML is rapidly evolving and has the potential to transform industries across the board. As such, it is an increasingly sought-after field, with businesses and organizations looking to leverage its power to gain a competitive advantage. The AI diploma course at Mahavir Polytechnic is designed to equip students with the necessary skills and knowledge to succeed in this dynamic and exciting field.

The course will cover a range of essential topics, including machine learning, natural language processing, computer vision, and robotics, preparing students for the ever-changing demands of the industry. Pursuing an AI diploma is more vital than ever before, as the demand for AIML professionals is projected to create millions of new jobs in the coming years. Furthermore, AI has the potential to solve some of the world's most significant challenges, offering students the opportunity to contribute to a positive impact on society.

An AIML diploma from Mahavir Polytechnic will not only provide students with the tools to succeed in this exciting field but also prepare them for the future of work. The future of work is already being shaped by AI, and it is essential for students to understand how AI is changing

Mahavir Polytechnic's decision to offer an AIML diploma is both timely and necessary. It will undoubtedly provide students with the essential skills and knowledge required to thrive in the ever-changing world of technology, opening up doors to a range of exciting new career opportunities. We are proud to take this significant step forward and position ourselves at the forefront of technological advancement. We thank for the approval from the authorities and cannot wait to offer this course to our students.



Mr. Rahul H. Sanghavi
Managing Trustee

Vision

"Mahavir Education Society strives to educate students to become Industry Ready Engineers having Professional Attitude and Groomed Personality."

Mission

To provide well-defined system to ensure quality education by strengthening teaching learning processes.

To provide a platform where students are exposed to the industry, up bridged with the industry standards and requirements.

To train students by teaching them leadership and teamwork skills.

To groom students enriching their personality and social values

Words of Wisdom

**A PERSON WHO NEVER
MADE A MISTAKE
NEVER TRIED ANYTHING NEW**

Albert Einstein





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Continuous Monitoring Ensures Quality Education:

Mahavir Institute of Pharmacy Excels in Annual Academic Monitoring by MSBTE

Mahavir Institute of Pharmacy, an affiliated institute of the Maharashtra State Board of Technical Education (MSBTE), recently underwent its annual academic monitoring by MSBTE. The monitoring process focused on critical performance indicators related to curriculum implementation and assessment norms (CIAAN), including faculty development, curriculum implementation, continuous assessment result analysis, use of learning resources, student

attendance, library facilities, participation in technical competitions and laboratory standards. The monitoring committee (EIMC) chairman R. S. Jadhav and Member A.S. Balsane reported that, Mahavir Institute of Pharmacy has made excellent progress in all areas and is performing well in terms of meeting the expectations and standards set by MSBTE. This successful completion of the monitoring process not only ensures that the institute meets the expected standards but also enhances its reputation as a quality educational institution.



Students Research Published in International Journal

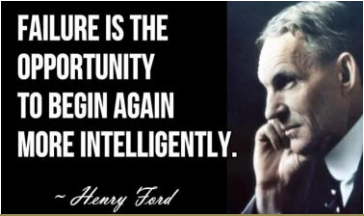


Rushikesh Bhavsar B.E. Electrical **Hrushikesh Chaudhari** B.E. Electrical **Ashwarya Katkade** B.E. Electrical **Rupali Barde** B.E. Electrical **Prof. Rahul S. Bankar** HOD-Electrical Engineering

A group of B.E. Electrical Engineering students of SCOE, Rushikesh Bhavsar, Hrushikesh Chaudhari, Ashwarya Katkade, Rupali Barde along with their HOD, of Electrical Engineering, Prof. Rahul Bankar, have recently achieved a significant milestone by having their article published in the International Journal of Creative Research Thought. The article, titled "Solar Parameter Monitoring & Alert Using IoT," was published in this international open-access, reviewed, and refereed journal. The article discusses the use of IoT technology to monitor solar parameters and provide alerts for any deviations. The students' research is not only innovative but also highly relevant in today's world, where there is an increasing demand for sustainable energy sources. The article's publication in an international journal is a testament to the quality of research being conducted at the institute. This achievement is a testament to the institute's unwavering commitment to providing world-class education and encouraging research activities among its students. It also highlights the students' dedication, hard work, and exceptional problem-solving skills, which have enabled them to make a significant contribution to the field of Electrical Engineering.

Words of Wisdom

“ Strength does not come from physical capacity. It comes from an indomitable will. ”
Mahatma Gandhi



VOICES



VOLUME NO.01 | ISSUE NO.04 | APR23

E -MAGAZINE OF SHREE MAHAVIR EDUCATION SOCIETY, NASHIK



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Words of Wisdom

Let's go invent tomorrow rather than worrying about what happened yesterday.

— Steve Jobs

Annual Academic Monitoring by MSBTE Achieving High Standards in Curriculum Implementation and Assessment Norms (CIAAN) with Key Performance Indicators (KPIs)

Mahavir Polytechnic, an affiliated institute of Maharashtra State Board of Technical Education (MSBTE), underwent its annual academic monitoring by MSBTE on 23rd April 2023. The monitoring focused on key performance indicators related to curriculum implementation and assessment norms (CIAAN), including faculty development, curriculum implementation, continuous assessment result analysis, use of learning resources, student attendance, library facilities, participation in technical competitions, and laboratory standards.

The monitoring committee members Dr. Ganesh Dongare, Prof. Vikas Jadhav, Pro. Madhav Narangle, and Prof. Gayatree Sonawane identified that, Mahavir Polytechnic has made excellent progress in all areas, and the institute is performing well in terms of meeting the expectations and standards set by MSBTE. This annual monitoring process is an essential part of ensuring the quality of education and standards of the institutes affiliated with MSBTE.



Expert Lecture on “Stress Management, Personal Grooming, and Communication Skills”



The Department of Electrical Engineering recently hosted an expert lecture on "Stress management, Personal grooming, and Communication skills" for second and third-year students of Electrical, Mechanical, and Civil Engineering. Mr. Sachin A Jadhav, an esteemed Programming Zone Trainer of JCI India Zone XIII, delivered the lecture. Mr. Jadhav's engaging speaking style and expertise made the lecture informative, insightful, and engaging. Attendees left feeling motivated and empowered to take on any challenge. The event highlights Mahavir Polytechnic's dedication to providing students with necessary tools for success in personal and professional life. The Department of Electrical Engineering is to be commended for their efforts in organizing the lecture, and Mr. Sachin A Jadhav deserves special recognition for delivering an exceptional lecture.



"Successful Road Safety & Traffic Awareness Program for the Students"



The Road Safety & Traffic Awareness program organized jointly by the RTO, Nashik, and Mahavir Polytechnic was a resounding success and attended by enthusiastic student participants. The program was specifically designed for second-year diploma students of Computer Engineering and Information Technology, who demonstrated their unwavering commitment towards promoting safe and responsible driving practices. The two-hour training session at the Traffic Education Park was a highly informative and engaging program that provided participants with a comprehensive understanding of road safety and traffic rules. They were introduced to the concept of defensive driving, right of way, safety measures, and causes of road accidents, which enabled them to develop essential skills to become responsible drivers in the future. Furthermore, the program offered an in-depth understanding of road traffic, transport environment, signals, and traffic signs, which will undoubtedly help participants manage traffic effectively when they become drivers. The use of digital apps for traffic management was also introduced, which added a technological dimension to the learning process, further enhancing the participants' experience.

The attendance certificate awarded to the participants was an excellent way to motivate them to complete the program and demonstrate their commitment to road safety. The program was an outstanding success, and the students gained valuable knowledge and awareness about road safety and responsible driving practices, which will undoubtedly have a positive impact on society. In conclusion, the Road Safety & Traffic Awareness program was an inspiring and insightful initiative, attended by enthusiastic second-year diploma students of Computer Engineering and Information Technology. The RTO, Nashik, and Mahavir Polytechnic are to be commended for their vision and efforts towards creating a safer and better world for all. This program will undoubtedly contribute to promoting responsible and safe driving practices, leading to a more responsible driving culture in the future.

Exploring Geotechnical Marvels at India's Largest Private Gem, Mineral & Fossil Museum "Gargoti"

World-Class Collection of Zeolite Minerals, Crystals, Fossils, and Handicrafts from Around the Globe



The Gargoti Museum, nestled in the charming town of Sinnar near Nashik, Maharashtra, is a true marvel that leaves visitors in awe. Recently, an exciting visit to this one-of-a-kind gem was arranged for second and third year civil engineering students, as part of their Geotechnical engineering course. The museum is a testament to the passion and dedication of K.C. Pandey, who spent over four decades collecting natural mineral and gem specimens from all corners of the world.

As students stepped inside the museum, they were transported into a magical realm of sparkling crystals, magnificent gemstones, and otherworldly fossils. The museum's name "Gargoti" itself, meaning "stone" or "pebble" in Marathi, is a fitting tribute to the exquisite collection housed within its walls. Not only is it India's first and only Gem, Mineral & Fossil Museum, but it also boasts the title of being the world's biggest "Private" Gem & Mineral Museum.

The visit's primary aim was to help the students identify different types of rocks and minerals, and the museum certainly delivered. The display of natural crystals, zeolites, minerals, precious and semi-precious stones and metals, fossils, statues, and handicrafts from around the globe was a true feast for the senses. What's more, the museum also features the largest and finest collection of Indian Zeolite Minerals and Crystals in the world.





"All our dreams can come true, if we have the courage to pursue them"

Walt Disney



VOICES



Shree Mahavir Education Society

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E -MAGAZINE OF SHREE MAHAVIR EDUCATION SOCIETY, NASHIK



Vision

"Sanghavi College of Engineering strives to educate students to become Industry Ready Engineers having Professional Attitude and Groomed Personality."

Mission

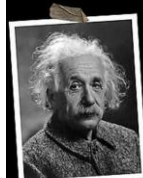
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Words of Wisdom



"Imagination is more important than knowledge."

— Albert Einstein



Three-Day Workshop on Electrical Autocad

Enhancing the Skills and Knowledge through Hands-on Training



The Electrical Department of SCOE organized a three-day workshop on Electrical Autocad from 11th April 2023 to 13th April 2023. The primary aim of the workshop was to provide hands-on training to the third year (TE) Electrical students of the college in the field of Electrical Autocad. The workshop was conducted by Umesh Suryawanshi, CEO of Electroarc Engineering Solutions, who has years of experience working on various projects in the industry.

The workshop was divided into theory and practical sessions, covering various topics related to Electrical Autocad, including the basics, the different tools and features available, and the importance of Electrical Autocad drawings in the industry. The practical sessions were focused on providing hands-on experience to the students in creating Electrical Autocad drawings. The students were given various assignments to work on, which helped them apply the concepts learned during the theory sessions. The workshop emphasized the importance of Electrical Autocad drawings in the industry, as they are technical documents used to depict and notate designs for electrical systems.

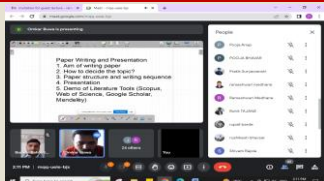
The students were taught how to create accurate and detailed Electrical Autocad drawings that can be used in real-world scenarios. State-of-the-art facilities and tools were provided to the students to work on their assignments, including computers with Electrical Autocad software installed, high-speed internet, and other necessary equipment. At the end of the workshop, a Certificate Distribution Ceremony was held, attended by the Principal, HOD, and staff members of the Electrical Department. The certificates were distributed by Code CADD Tech and Electroarc Engineering Solutions, and the students were commended for their hard work and dedication in learning the latest techniques and tools in Electrical Autocad. In conclusion, the three-day workshop on Electrical Autocad organized by the Electrical Department of SCOE was a great success.

Expert Lecture on Industrial Automation & Career

Online Expert Lecture

SCOE's Department of Electrical Engineering hosted an online expert lecture recently on "Industrial Automation, Technology & Career" via Google Meet. The lecture was delivered by Mr. Vivek Sardal, a Regional Manager at Pioneer Automation Pvt Ltd in Pune, who shared his wealth of knowledge and experience in the field of industrial automation. The lecture aimed to provide insights into the latest trends and developments in industrial automation, covering topics such as technological advancements and career opportunities.

Attendees, including students of TE, BE and staff had the opportunity to ask questions & engage in discussions with Mr. Sardal, deepening their understanding of the subject matter. The lecture was a success, and the department is committed to organizing more events in the future to help students stay updated with the latest developments in their respective fields.



Visit to Tapovan Sewage Treatment Plant for Practical Exposure to Water Treatment Process.



On April 16th, 2023, the Civil Engineering Department of SCOE organized a visit to the Tapovan Sewage Treatment Plant in Nashik for its students. The purpose of the visit was to provide the students with practical exposure to the Rapid sand filtration process used in the plant. The visit was arranged by Prof. Pallavi P. Mapari and Prof. Sachin Khairnar. The Tapovan Sewage Treatment Plant has a capacity of 78 MLD and uses UASB plus surface aeration technology. The project cost was 1440 lakh, and it was commissioned in the year 2003. The plant has several connected units, including intake wells, a primary sedimentation tank, rapid sand filters, chlorination, and a storage sump. Four Rapid Sand Filters and four sedimentation tanks are in use at the plant. Chlorine gas is used for the disinfection of water, and the treated water is stored in an underground sump from where it is pumped to different parts of the city.

During the visit, the process of backwashing of the Rapid Sand Filter was demonstrated practically to the students. The laboratory testing of chlorine levels was also explained to the students. The visit provided the students with a practical understanding of the water treatment process and the equipment involved. The visit had several benefits for the students. It allowed them to observe the equipment and processes in action, which helped them understand the challenges involved in water treatment and the importance of proper maintenance of equipment. The students were also able to interact with the plant personnel, which allowed them to gain insights into the practical aspects of water treatment. Overall, the visit to the Tapovan Sewage Treatment Plant was a success in enhancing the students' understanding of the water treatment process and the equipment involved. It provided them with a practical understanding that they could not have gained from theoretical classes alone.

Unlocking Career Opportunities: Mr. Tausiff Inamdar Shares Valuable Insights on MNC Placements and Python Programming at SCOE's Expert Talk



Sanghavi College of Engineering recently hosted a highly anticipated and informative expert talk by the esteemed Mr. Tausiff Inamdar. The event, held on April 12th, 2023, at the seminar hall, was specifically targeted towards students in the Computer Engineering department, including first year (FE), second year (SE), third year (TE), and fourth year (BE) students. The focus of the expert talk was to provide the students with insights into the highly competitive world of placement in big multinational companies (MNCs). Mr. Inamdar, a highly respected and experienced professional in the industry, shared his valuable knowledge and expertise on the subject matter, with an emphasis on the importance of coding in various programming languages, including Python. The lecture was attended by a total of 153 students, all of whom were keen to learn and grow in their respective careers.

The talk was highly engaging and interactive, with Mr. Inamdar providing valuable tips and tools that can help students learn and develop their skills in an effective and professional manner. The department is highly committed to the development and growth of its students and has a track record of providing high-quality education and training that meets industry standards. The expert talk is just one of the many initiatives that the department has taken to ensure that its students are well-prepared to succeed in the highly competitive world of computer engineering. As a result of the expert talk, the students gained valuable knowledge and insights that will undoubtedly benefit them in their future careers. The department is already planning more informative lectures and events that will continue to help its students develop and grow in their chosen fields. The expert talk by Mr. Tausiff Inamdar was a huge success, and the department is proud to have hosted such a valuable event for its students. It is an excellent example of the department's commitment to providing high-quality education and training that meets industry standards and prepares its students for successful careers in computer engineering.

"The greatest glory in living lies not in never falling, but in rising every time we fall."

-Nelson Mandela

VOICES



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Education Society

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E –MAGAZINE OF SHREE MAHAVIR EDUCATION SOCIETY, NASHIK



Mahavir Institute of
Pharmacy
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Vision

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Words of Wisdom



"However difficult life may seem, there is always something you can do and succeed at!"

Pharmacy Students Learn Through Hospital Visit: Hands-On Learning of Hospital Procedures and Patient Care

A group of first-year and second-year Diploma in Pharmacy students visited Vasantrao Pawar Hospital Adgaon in Nashik as part of their academic curriculum. The objective of the visit was to gain practical knowledge about the hospital's various departments, medical devices and instruments, patient counseling, blood bank, and hospital management. During the visit, the students observed the functioning of different departments, such as emergency, operation theatre, ICU, radiology, pathology and pharmacy. They also gained insight into the use of various medical devices and instruments, including ECG machines, ultrasound machines, ventilators, infusion pumps and defibrillators. Additionally, the students visited the hospital's blood bank and learned about blood testing and storage procedures. They observed patient counseling by pharmacists and learned about hospital management aspects, such as patient care and inventory management. The students also learned about the use of technology in hospital management, such as electronic medical records, inventory management software and patient tracking systems. Overall, the visit was a valuable learning experience for the students, enabling them to understand the practical application of classroom knowledge. The students expressed gratitude towards the hospital staff for their cooperation and support during the visit.

Students Gain Insights on DSBM and Distribution: Visited D.Vijay Pharma, Nashik for the Practical Knowledge



On April 4th, 2023, the Mahavir Institute of Pharmacy (D.Pharm) organized a visit to a pharmaceutical distributor, D.Vijay Pharma, located in Nashik. The visit was attended by several FY and SY Diploma students from the institute. During the visit, the students had the opportunity to gain practical knowledge related to drug storage, drug management, and distribution. The students were educated on various aspects of drug storage, including the proper storage conditions for different types of drugs, the management of drug expiry dates, and the use of software for drug distribution. The session also included information on how to counsel patients and how to store different scheduled drugs. Overall, the visit was a valuable learning experience for the students, providing them with practical knowledge that will be beneficial in their future careers in the pharmaceutical industry.



Industrial Visit to Shreeniwasa Ayurvedic Pvt. Ltd, Dindori: A Learning Experience for Mahavir Institute of Pharmacy Students.

Mahavir Institute of Pharmacy recently organized an Industrial Visit for its 1st and 2nd year diploma students at Shreeniwasa Ayurvedic Pvt. Ltd. located in Javulke Shivar, Taluka Dindori, District Nashik. The visit was conducted to give the students an insight into the manufacturing and marketing of Ayurvedic medicines and related products. During the visit, the students were given a detailed understanding of the different aspects of Ayurvedic medicine production, including filling of capsules, preparation of tablets, syrup making, and drug storage conditions and packing. The visit provided the students with practical knowledge about the different manufacturing processes involved in producing Ayurvedic medicines. Shreeniwasa Ayurvedic Pvt. Ltd. is a renowned Ayurvedic medicine manufacturer and marketer based in Maharashtra, established in the year 2008. The company offers a wide range of Ayurvedic medicines such as Tablets, Syrups, Capsules, Powders, Granules, Oils, and various skincare, haircare, foot-care, and oral-care products. Their formulations are based on the reference of ancient traditional books as Granthokta formulations, making their products completely safe for healthcare. The Industrial Visit at Shreeniwasa Ayurvedic Pvt. Ltd. was highly informative and educational for the students of Mahavir Institute of Pharmacy. The visit allowed the students to gain practical knowledge about the manufacturing processes involved in producing Ayurvedic medicines and also provided insight into the functioning of a reputed Ayurvedic medicine manufacturing company.

From the Classroom to the World Stage: Mahavir Students' Research Achievements Shine through National & International Journal Publications

Bhumika E. Ahirrao Final Year B.Pharm.



Name of Journal
International Journal of Novel Research and Development (IJNRD)
Title of Article: To study Nishamalaki Sustained Release Tablet as an antidiabetic
Guide: Prof. Vaishali B. Bhamre

Gayatri B. Pachorkar Final Year B.Pharm.



Name of Journal
International Journal of Novel Research and Development (IJNRD)
Title of Article: An overview of common caesalpinia bonducella physicochemical properties.
Guide: Prof. Sayali Chothave

Parasram A. Kurdhane Final Year B.Pharm.



Name of Journal
International Journal of Research Publication and Review (IJRPR)
Title of Article: "Curcumin: A Review on its Human Health Benefits"
Guide: Prof. Unmesh Bhamre

Pranjal S. Nathe Final Year B.Pharm.



Name of Journal
International Journal of Novel Research and Development (IJNRD)
Title of Article: Formulation and evaluation of herbal anti acne face wash.
Guide: Prof. Soniya Satpute

Sakshi S. Kumavat Final Year B.Pharm.



Name of Journal
International Journal of Novel Research and Development (IJNRD)
Title of Article: Formulation and evaluation of anti-acne cream
Guide: Prof. Manisha Raut