



# VOICES



VOLUME NO.01 | ISSUE NO.12 | DEC. 23

E -MAGAZINE OF SHREE MAHAVIR EDUCATION SOCIETY, NASHIK



## 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.*

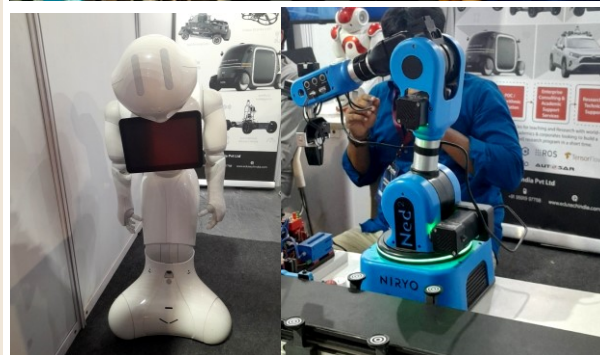
*To groom students enriching their personality and social values*

## Students Explore Technological Frontiers at ‘Techfest 2023-24’, IIT Mumbai.

Students and faculty from Mahavir Polytechnic embarked on an enlightening journey to Techfest 2023-24, hosted by the prestigious Indian Institute of Technology (IIT) Bombay. The three-day festival, a grand confluence of science, technology, and innovation, proved to be a treasure trove of knowledge and inspiration for the attendees.

Amidst the sprawling campus of IIT Mumbai, the Mahavir Polytechnic delegation delved deep into the myriad stalls, witnessing the latest innovations and technological marvels on display. From interactive exhibits to groundbreaking projects, the experience was nothing short of transformative for the students, igniting their passion for innovation and research. The visit was punctuated with awe-inspiring moments as the students explored the vast expanse of IIT Bombay's campus, taking in its architectural marvels and academic ambiance. The festival's collaboration with esteemed organizations like UNESCO, UNICEF, Make in India, and Digital India further accentuated its significance, drawing a massive audience both offline and online.

A highlight of the Techfest was its stellar lineup of speakers, featuring luminaries from diverse fields such as S Somnath from ISRO, Harshbir Sangha from the UK Space Agency, and Akash Ambani from Reliance Jio. The inclusion of a lecture series focusing on the future of defence in India, featuring Dr G. Satheesh Reddy and former chiefs of the Indian Armed Forces, added a strategic dimension to the event. As the Mahavir Polytechnic students returned enriched and inspired, the Techfest 2023-24 left an indelible mark on their academic and personal journey, reinforcing their commitment to technological excellence and innovation.



## Words of Wisdom

**Change your thoughts and you change your world.**

NORMAN VINCENT



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## Words of Wisdom

**I'm always doing things I can't do. That's how I get to do them.**

PABLO PICASSO

## The future of the pharmacy profession in India - Dr. Atul Bendale (HOD- MIP)

As the healthcare landscape continues to evolve, pharmacists are well-positioned to play an integral role in ensuring the safe, effective, and personalized use of medications while contributing to broader public health goals. The future of the pharmacy profession in India holds significant promise and is poised for transformative changes. Several factors contribute to this optimistic outlook, ranging from technological advancements to evolving healthcare needs and regulatory reforms.

**Technological Integration:** The integration of technology into the field of pharmacy is likely to play a crucial role in shaping its future. Automation and artificial intelligence (AI) are expected to streamline various processes, from inventory management to prescription processing. This not only enhances efficiency but also reduces the likelihood of errors, ensuring patient safety.

**Telepharmacy Services:** With the growing emphasis on telehealth services, the role of pharmacists is extending beyond traditional brick-and-mortar settings. Telepharmacy services enable pharmacists to provide medication counselling, therapy management, and consultation remotely. This is particularly beneficial for patients in rural or underserved areas, improving accessibility to healthcare resources.

**Personalized Medicine:** Advances in pharmacogenomics and personalized medicine are revolutionizing the way medications are prescribed and administered. Pharmacists are likely to play a pivotal role in tailoring drug regimens based on individual genetic profiles, optimizing treatment outcomes, and minimizing adverse reactions.

**Clinical Pharmacy and Patient Care:** The future of pharmacy in India involves a shift towards a more patient-centric approach. Pharmacists are expected to collaborate closely with healthcare teams, offering clinical services such as medication therapy management, disease management, and patient education. This not only improves health outcomes but also enhances the overall quality of healthcare delivery.

**Regulatory Reforms:** The regulatory landscape governing the pharmacy profession in India is undergoing reforms to keep pace with the changing healthcare landscape. Strengthening regulations can help standardize practices, ensure the quality of pharmaceuticals, and enhance the professional standing of pharmacists.

**Education and Skill Development:** Ongoing advancements in the pharmaceutical and healthcare industries necessitate continuous education and skill development for pharmacy professionals. Institutions offering pharmacy education need to adapt their curriculum to include emerging technologies, ensuring that graduates are well-equipped to meet the evolving demands of the profession.

**Public Health Initiatives:** Pharmacists are increasingly becoming active participants in public health initiatives. From vaccination drives to health promotion campaigns, their role extends beyond dispensing medications to actively contributing to community health and wellness.

**E-commerce and Online Pharmacies:** The rise of e-commerce and online pharmacies is reshaping the way medications are distributed and accessed. Pharmacists in India are likely to be involved in the regulation and safe distribution of medications through online platforms, ensuring the integrity of the pharmaceutical supply chain.

The future of the pharmacy profession in India is marked by exciting opportunities and challenges. Continuous adaptation to technological advancements and a commitment to patient-centered care will be key to the profession's success in the years to come.



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## *New Voter Registration Drive Successfully Conducted at SCOE: Initiative by Student Welfare and NSS Dept.*



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### Words of Wisdom

**"निंदेला घाबरून आपल  
ध्येय सोडू  
नका  
कारण ध्येय साध्य होताच  
निंदा करणाऱ्यांची मत  
बदलतात."**



On Monday, 4th December 2023, a new voter registration camp was organized in collaboration with the District Election Commission, District Magistrate, and the Office of the District Election Officer, Nashik. The initiative was hosted by Sanghavi College of Engineering, Nashik. The inauguration of the camp saw Mr. Rajesh Gade, Deputy Engineer, gracing the occasion as the Chief Guest. Dr. Amol Lokhande, Principal of Sanghavi College of Engineering, government officials, and Heads of Departments were also present on the dais.

During his address, Mr. Rajesh Gade emphasized the importance of voter registration, highlighting its role in fortifying the nation's democratic framework. He urged the students to recognize their pivotal role as the future torchbearers of India's democracy. The session also provided insights into the online and offline procedures for filling out forms 6 and 7. Principal, Dr. Amol Lokhande emphasizing the significance of youth engagement in the democratic process. He expressed confidence that the college's students would actively participate in the electoral process, contributing positively to the nation's socio-political landscape. During the event, registration forms were filled out for the students by Mr. Sandeep Pachpande, National Service Scheme Officer Prof. Rahul Bankar, and other government officials. Mr. Harish Sanghavi, Chairman of Mahavir Education Society, Mr. Rahul Sanghavi, Managing Trustee, Director of the Society. Dr. Priyanka Zavar has appreciated & congratulated the newly elected students.

## *SE Civil Students Explore Construction Realities at Om Construction Site, Borgad.*



SCOE's Civil Engineering Department organized a study visit for students of SE Civil at the Om Construction Site, located near Borgad, Nashik, The visit, held on October 30, 2023, aimed to provide students with practical exposure to building construction projects, specifically focusing on footing casting and material study.

The selected site, in its developing stage, offered students a valuable opportunity to comprehend ongoing project work in a real-world setting. The study visit was tailored for SE Civil students to enrich their understanding of building construction projects and materials. Prof. Deelip B. Kalekar, the visit coordinator, and Prof. Tosnil Boraste, Head of the Department of Civil Engineering, played pivotal roles in ensuring the smooth execution of the visit. The site coordinator, Er. Patel Sir, provided detailed information and insights to the students, enhancing their knowledge of construction processes and project management. Such study visits not only supplement theoretical knowledge but also expose students to the practical aspects of their field, contributing to their overall academic and professional development.



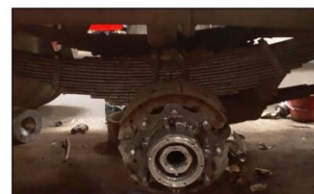
## ***Beyond Books: Sanghavi College of Engineering Students Unleash Practical Wisdom at MSRTC Divisional Workshop***

On December 1, 2023, an industrial visit was organized for 69 students of BE Mechanical Engg. Of SCOE. The visit took them to the Maharashtra State Road Transport Corporation (MSRTC) Divisional Workshop located at Peth Road, Nashik.

Guided by the dedicated coordination of Prof. N. V. Palde and Prof. G.B. Kudal, the visit had several educational objectives, including understanding the organizational structure and different sections of the automobile workshop, identifying, observing, and comprehending various automobile components and systems used in MSRTC buses, studying the specifications of different parts employed in MSRTC buses, gaining insight into the maintenance practices utilized in the MSRTC workshop, and learning about the various tools and machines employed for the maintenance of automobile vehicles in a workshop setting.

The MSRTC Divisional Workshop in Peth Road, Nashik, strategically situated near the RTO office, Makhmalabad Naka, is divided into several subsections, efficiently managing the quality and repair work of different bus components. Sections include engine, battery and electrical wirings, brakes, tires, painting, welding, machining, and tools. With an expansive floor area capable of handling 20 buses simultaneously, the primary purpose of the workshop is to service and maintain the operational MSRTC buses. During the visit, students were organized into two groups to facilitate comprehensive exploration of each workshop section. Instructors at each section provided detailed explanations about different parts and systems. Live repairing activities allowed students to grasp the intricacies of basic components and systems of automobile vehicles. The workshop showcased a wide array of carefully observed automobile components, with accompanying photographs capturing the essence of the learning experience.

On behalf of Sanghavi College of Engineering, heartfelt appreciation was extended to Mr. Padmane, Deputy Mechanical Engineer at MSRTC Divisional Workshop, for graciously allowing the students to visit the organization. The college also expressed gratitude to all the workshop instructors for generously sharing their knowledge and dedicating valuable time to the students. The visit was deemed immensely valuable and extremely interesting, contributing to the holistic learning journey of the students at Sanghavi College of Engineering.





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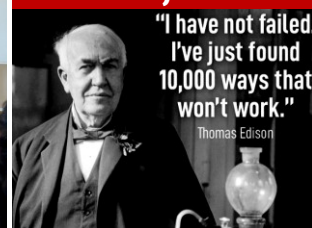
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## Words of Wisdom



## Mahavir Polytechnic Conducts Five-Day Faculty Development Program

### In Collaboration with MSBTE: Enhancing Excellence in Outcome-Based Education

From December 26 to December 30, 2023, Mahavir Polytechnic's Mechanical Engineering Department conducted a Five-Day Faculty Development Program (FDP) titled "NBA Norms & Preparation of SAR Criteria 1-9".

The program was meticulously crafted to offer participants an immersive insight into NBA technologies, SAR preparation techniques, and the associated documentation. This self-sustained endeavor emphasized the importance of outcome-driven education, guiding attendees through vital metrics such as students' API, success rates, faculty indices, and SFR. Furthermore, the program facilitated a comprehensive understanding of the alignment between CO's, PO's, and PSO's, while also elucidating the nuances of SAR content, enabling participants to adeptly identify its pivotal components and effectively formulate it.

Certificates were presented by Dr. Priyanka A. Zawar, Director of Mahavir Society. The FDP benefited from the insights of Prof. S. S. Dhoot from KKW, Nashik, who served as a notable Resource Person. In total, 43 staff members from various colleges attended.

The success of the FDP was attributed to Principal Dr. Sambhaji Sagare and the dedicated Faculty of Mechanical Engg. Dept., including Mr. A. S. Bhange, Mr. S. M. Wable, Ms. S. P. Sonawane, Mr. G. G. Kalbande, Ms. J. V. Chaudhari, Mr. B. S. Sonawane, and Mr. J. P. Kolhe.



## Felicitations to Junior National Player, Prathamesh Adhav: A Rising Star in Atayapatya



Prathamesh Rajendra Adhav, who represented Maharashtra recently at the 34th 'Junior National Ataya Patya Sports Competition' in Pondicherry on behalf of Shree Mahavir Education Society, was warmly welcomed and honored with a bouquet by Director Dr. Priyanka Zawar. Currently Prathamesh is in second year of Mechanical Engineering at Mahavir Polytechnic, Prathamesh's achievement stands as a testament to his dedication. The event saw the esteemed presence of Mahavir -

Polytechnics' Principal, Dr. Sambhaji Sagare, along with Prof. Pooja Bhalerao, Prof. Dnyaneshwar Kshirsagar and other teaching and nonteaching staff. Highlighting Prathamesh's commendable accomplishment, Dr. Sambhaji Sagare remarked, "Prathamesh has earned a place in the Maharashtra team with a lot of hard work & it's a moment of immense pride for 'Mahavir' to have a student like Prathamesh represent Maharashtra." The Maharashtra team clinched the third position in the competition. Earlier in the first week of December, Prathamesh also showcased his leadership skills as the captain of the Nashik district team during the state-level Atyapatya competition, co-organized by the Nashik District Atyapatya Association, Krida Bharti Nashik, and BJP Nashik District Sports Cell. His outstanding performance earned him a spot on the Maharashtra team. Shree Mahavir Education Society's Chairman, Shri Harish Sanghavi, Managing Trustee Shri. Rahul Sanghavi, Director Dr. Priyanka Zawar, and the entire staff extended their heartfelt wishes to Prathamesh for his bright future.

## Mahavir Polytechnic Faculty Engages in State-Level FDP on Cloud AWS



The staff members of Mahavir Polytechnic, recently participated in a comprehensive two-day State Level Faculty Development Program (FDP) centered on 'Cloud AWS'. Hosted on December 13th and 14th, 2023, the event took place at MET's Institute of Technology Polytechnic, Nashik. Prof. Snehal Pagare, Ashwarya Khutwad, Santosh M. Wabale, A.S. Bhangre, B.S. Sonawane, G.G. Kalbande, R.S. Govind, O.V. Khute, Y.S. Kolhe, A.D. Sonawane, S.M. Deshmukh, S.D. Desai, Snehal Wagh, Gauri Bhosale, Gauri Sonawane, Pragati Patil, Pooja Jadhav, Nishigandha Shevkar and several other dedicated staff members from the institution attended the FDP. Amazon Web Services (AWS), Amazon EC2, Amazon ECS, and Amazon S3 topics are covered in this FDP. Esteemed speakers for the event included Mr. Kundan Sonawane, Director & Cloud Architect at InnovationsHub Services Pvt. Ltd., and Mr. Sachin Patil, Director at InnovationsHub Services Pvt. Ltd. Their insights and expertise provided invaluable knowledge to the attendees.

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

-Nelson Mandela

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**Medical Innovation: The 'Herbal WBC Booster Bar with Chocolate, Their work earned them the Branz Medal at BATU.**



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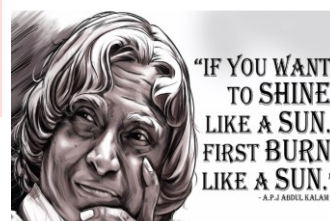
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## Words of Wisdom



Final-year Bachelor of Pharmacy students, Payal Chopde and Tejaswini Deshmukh, from Mahavir Institute of Pharmacy, a part of the esteemed Shree Mahavir Education Society, have embarked on a groundbreaking research journey. Their focus? Elevating white blood cell counts through a unique blend of papaya and honey extracts, ingeniously crafted into chocolate form.

White blood cells (WBCs) are the body's primary defense against infections. Leveraging the medicinal potency of papaya leaves, abundant in acetogenins that stimulate WBC production, Payal and Tejaswini sought to transform this remedy. Their ingenious solution, the 'Herbal WBC Boosterbar with Chocolate', not only amplifies the therapeutic benefits but also ensures a delightful consumption experience.



Under the mentorship of Dr. Anil G. Jadhav, Principal of Mahaveer Institute of Pharmacy, and Dr. Atul R. Bendale, Head of the Department, the students' research garnered significant accolades at the 'Avishkar-2023' competition at Dr. Babasaheb Ambedkar University of Technology (Batu). Their exemplary work earned them the esteemed Branz medal, highlighting the profound impact of their research-driven approach.



Shree Mahavir Education Society's leadership, including Chairman Mr. Harish Sanghavi and Managing Trustee Rahul Sanghavi, alongside Director Dr. Priyanka Zavar, have hailed this as a pivotal moment. Their emphasis on research excellence underscores the institution's commitment to fostering innovative solutions that hold promise for the broader medical community.

## *Mahavir Institute of Pharmacy Marks World AIDS Day with Educational Street Play*



On the solemn occasion of World AIDS Day, Mahavir Institute of Pharmacy took proactive steps to raise awareness about HIV/AIDS and pay tribute to those affected by this global health challenge. The highlight of the day was a poignant street play performed by the institute's first-year and second-year Diploma Pharmacy students.

Draped in emotive storytelling and powerful narratives, the street play effectively conveyed the multifaceted aspects of HIV/AIDS. Through compelling performances, the students shed light on the disease's origins, preventive measures, and the societal challenges faced by individuals living with HIV/AIDS. The theatrical rendition not only captivated the audience but also served as an educational tool, dispelling prevalent myths and fostering a deeper understanding of the issue. The event witnessed active participation from both faculty members and students, underscoring the institute's dedication to promoting health awareness and community engagement. By intertwining art with education, Mahavir Institute of Pharmacy continues to champion the cause, ensuring that the message of compassion, prevention, and solidarity remains at the forefront of its educational endeavors.

## *Innovative Antidiabetic Agents Patented by Mahavir Institute of Pharmacy's Teaching Staff*



**Dr. Anil G. Jadhav**  
Principal



**Dr. Atul R. Bendale**  
H.O.D.

In a significant achievement, the teaching staff of Mahavir Institute of Pharmacy (B.Pharm) proudly registered their patent at the Indian Patent Office for '1,3,4 oxadizole derivatives as antidiabetic agents.' The patent, recently granted, is a testament to the innovative research conducted by the institute's dedicated team.

The esteemed inventors behind this groundbreaking patent are Principal of Mahavir Institute of Pharmacy Dr. Anil G. Jadhav, The Head of the Department Dr. Atul R. Bendale, Prof. Shivani U. Chavan, Prof. Manisha M. Raut, Prof. Namrata S. Revar.

The Patent Application bears the number 202321068956 A, and the publication date is recorded as November 24, 2023. The patent focuses on 1,3,4 oxadizole derivatives, showcasing the institute's commitment to advancing pharmaceutical research and contributing to the field of antidiabetic agents.

This accomplishment reflects Mahavir Institute of Pharmacy's dedication to fostering an environment of innovation and excellence in pharmaceutical education and research.



**Prof. Shivani Chavan** **Prof. Manisha Raut** **Prof. Namrata Revar**