



Since 1983

Dr. Vishwanath Karad
**MIT WORLD PEACE
UNIVERSITY | PUNE**
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Pulse

THE HEARTBEAT OF MIT-WPU

“Stories That Stayed, Seeds That Will Grow”

NOV - DEC 2025
EDITION 32

FROM THE EXECUTIVE PRESIDENT'S DESK



As we approach the close of this eventful year, it is an appropriate moment to pause and reflect on the experiences that have shaped us and the foundations we have laid for the future. The months of November and December have been marked by significant milestones, shared learning, and thoughtful reflection across MIT World Peace University.

This period began on a proud note with our collaboration with the World Technology Summit, marking an influential moment as this summit was hosted for the first time in Bharat at MIT-WPU, Pune, in November 2025. This meaningful engagement brought together global visionaries, innovators, policymakers, and industry leaders to explore bold ideas around technologies, human-centred innovation, and leadership, along with our students. This event left us with a new sense of purpose around technology.

Continuing our institute's enduring commitment to peace and holistic learning, we inaugurated the 30th Endowment Lecture Series & Orientation Workshop. Many meaningful discussions and dialogues on peace and spirituality took place in the presence of various esteemed guests. As every year, the collective participation of our faculty in yoga sessions during the programme was a highlight and reminder of the strength found in shared practice and reflection.

The last month of the year brought a moment of profound loss with the passing of Shri Shivraj Patil Ji, a guiding presence for our institution and MIT SOG, as well as an Hon'ble Patron of NLC Bharat. His life and leadership will always offer enduring lessons in dignity, constitutional values, and public service.

Amidst all these reflections, we must take pride in MIT-WPU securing the top rank in Maharashtra in the GreenMetric World Rankings, an achievement made possible by the collective efforts and commitment of our students, faculty, and staff.

As the year draws to a close, we carry forward a deep sense of gratitude for the experiences that have defined this journey and the insights gained along the way. The initiatives and values we strengthened during this year have given us confidence as we move ahead, committed to our purpose, responsibility, and a positive outlook for the year to come.

In pursuit of peace through education,

Dr. Rahul V. Karad

Executive President,
MIT World Peace University

HAPPENINGS



Filmi Nagme aur Apka EQ: An Emotional Intelligence Session

The School of Liberal Arts hosted "Filmi Nagme aur Apka EQ," an exploration of the deep connection between popular film songs and emotional quotient. The engaging session offered critical insights into understanding and managing emotions effectively.

54 B.Tech Innovations Shine at 'Mini Project Exhibition'

Over 54 B.Tech student teams showcased innovative projects, demonstrating practical engineering expertise and creative problem-solving skills to faculty and industry experts



RSOL Team Took MIT-WPU to GITEX Global in Dubai

Our student delegation, Nexus Dubai, represented MIT-WPU at GITEX Global and Expand North Star, gaining key global exposure to technology and startup ecosystems.

Younger Ones on Campus Celebrated Computer Literacy Day

The campus hosted school students for the 'Younger Ones on Campus' experience on World Computer Literacy Day, fostering digital awareness and technical engagement among the youth.



This World AIDS Day 2025, MIT-WPU's Department of Biosciences & Technology is organising: Autobiography Writing Competition on "Tale of a Virus".

Who Can Participate:
Undergraduate & Postgraduate students in Life Sciences.

Theme:
Write an imaginative autobiography from a virus's point of view.
(HIV, COVID-19, Polio, TMV)

Languages: English, Hindi, Marathi



5-Day Faculty Development Program on 'AI in Chemical Engineering'

The faculty enhanced their expertise in advanced computational methods through a 5-Day Faculty Development Program focused on integrating Artificial Intelligence into Chemical Engineering.

Creative Writing on World AIDS Day: Tale of a Virus

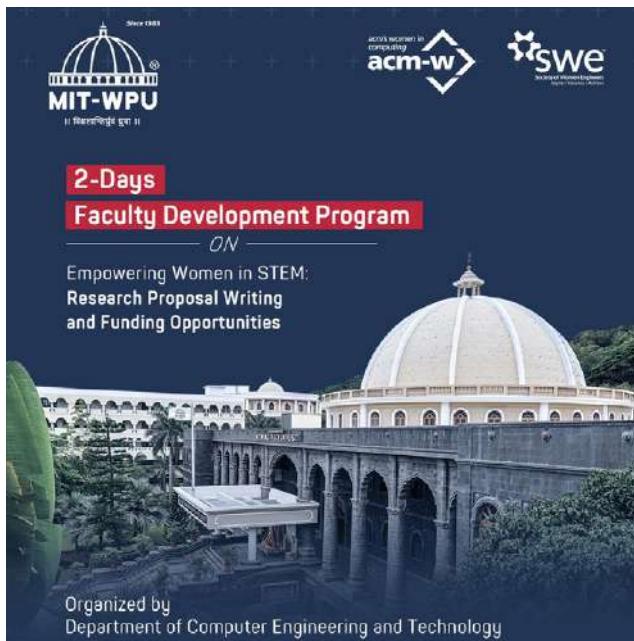
Students participated in the "Tale of a Virus" autobiography writing competition, organized in celebration of World AIDS Day, to promote awareness and empathy through creative expression.



5-DAY FACULTY DEVELOPMENT PROGRAM (FDP)

on
AI in Chemical Engineering:
**Industry, Curriculum
and Research Perspectives**

Organized by
 Department of Chemical Engineering



MIT-WPU Since 1989
MIT-WPU
|| विज्ञानात्मक दृष्टि ||

acm-w
acm member in computing
acm-w
Society of Women Engineers

2-Days
Faculty Development Program
ON
Empowering Women in STEM:
Research Proposal Writing
and Funding Opportunities

Organized by
Department of Computer Engineering and Technology

Empowering Women in Science: FDP on 'Role of Women in STEM'

The two-day Faculty Development Program emphasized empowering women in the Science, Technology, Engineering, and Mathematics, and promoting gender equality in academia.



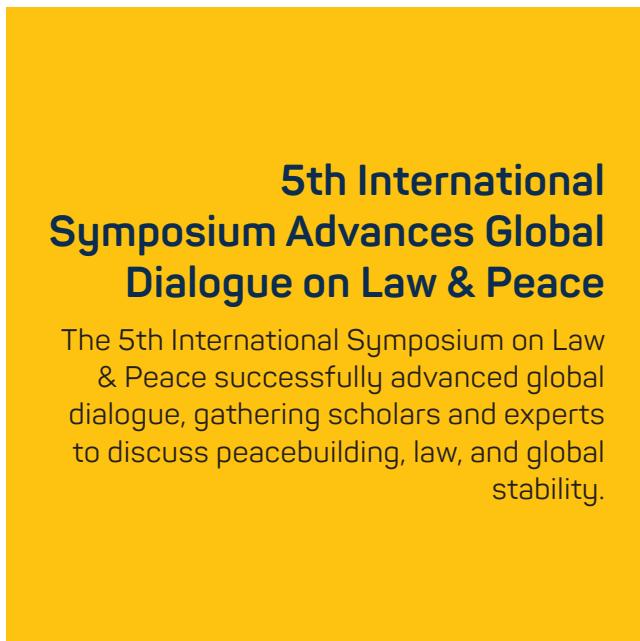
Sardar Patel's Legacy: Session on Unity and Constitutional Vision

An insightful session explored the constitutional vision and unifying legacy of Sardar Patel, reinforcing the values of democracy and national integration among students.



Industrial Connect: Students Visit Tata Steel Plant, Khopoli

Students gained critical firsthand industrial exposure and insights into manufacturing processes during the educational visit to the massive Tata Steel Plant in Khopoli.



3-Day Dynamic Workshop on Modern Drug Discovery & Development

The 3-Day dynamic workshop provided researchers and students with practical insights into the latest techniques and methodologies in Modern Drug Discovery and Development.





MIT-WPU Hosts CXO Meet 2025: Industry and Academia Unite

MIT-WPU hosted the prestigious CXO Meet 2025, bringing together top industry leaders and academic visionaries for networking and strategic collaboration.

Conclave on Urban Planning and Land-Use Science (Civil Engineering)

The international conclave focused on Urban Planning and Land-Use Science, offering civil engineering students and faculty global insights into sustainable development.



Ramcharan School of Leadership Conducted the Leadership Lab

The Leadership Lab provided students at the Ramcharan School of Leadership with practical, industry-connected sessions to hone essential leadership skills.

NCMJ 2025 Explored the Future of Media & Journalism

The 7th National Conference on Media & Journalism gathered experts to critically analyze the media's role, trends, and the future of digital storytelling and communication.



School of Law Conducted Training for DLSA Legal Volunteers

The School of Law partnered with the District Legal Services Authority (DLSA), Pune, to impart critical training to Para-Legal Volunteers and Staff. The program successfully strengthened grassroots legal aid delivery, focusing on service leadership and peace in dispute resolution skills essential for justice.

Bootcamp 2025 'Placement Readiness Program' for MBA Dual Students

MBA Dual students participated in the intensive Bootcamp 2025, a Placement Readiness Program designed to equip them with essential skills for successful recruitment.





Inauguration of Centre for Artificial Intelligence & Law (CAIL)

The School of Law inaugurated the Centre for AI and Law (CAIL). The center drives interdisciplinary research on AI's impact on legal systems, ethics, and technological literacy.

Launch of Centre for Cybersecurity, Forensics and Criminal Law

The School of Law launched the Centre for Cybersecurity, Forensics, and Criminal Law (CCFCL). It serves as a hub for research on technology, crime, and digital forensics.

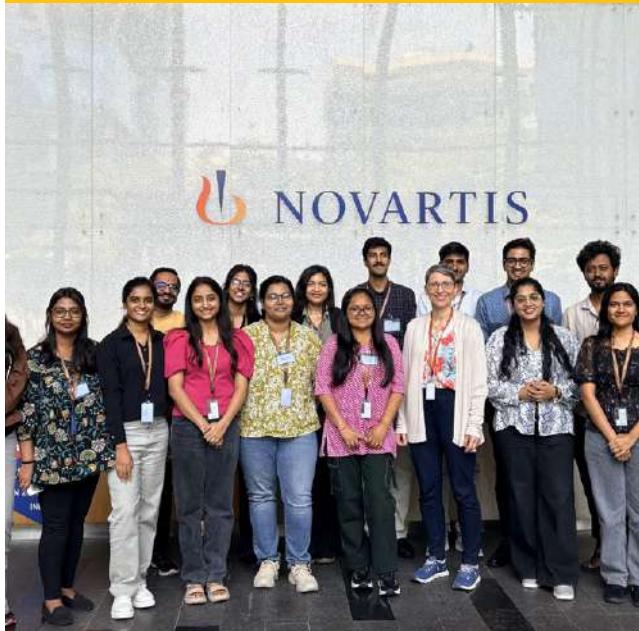


Operations Meet 2025 Showcased Global Insights and Innovation

The OSCM Forum's Operations Meet 2025 brought together industry experts to explore sustainability and modern logistics. Featuring high-level panel discussions, the event provided students and faculty with invaluable insights, successfully bridging the gap between academic theory and real-world operational excellence.

Patented Nanofluid Cooling System Boosted EV Battery Safety and Efficiency

MIT-WPU researchers patented a Hybrid Nanofluid Cooling System. This breakthrough solves the critical EV battery overheating challenge using a passive, power-free design, reinforcing the university's commitment to sustainable mobility.



Consciousness Students Explored Novartis's Drug Discovery Simulation Workshop

Akash Jagdale and Vaishnavi Giri attended Novartis's Drug Discovery Simulation Workshop. They gained firsthand insight into the modern pipeline, exploring target identification and the growing role of AI in accelerating life-saving compounds.

STUDENT ACHIEVEMENTS

Aaryesh Honrao Won Double Medals at the National Skating Championship

First-year student Aaryesh Honrao secured Gold and Silver medals at the 63rd National Roller Skating Championship 2025 in Visakhapatnam. This achievement highlighted the dedication and versatile talent of our students on the national stage.



Jalishmita Kalita



Neha Barua

Two MIT-WPU Students Won Prestigious OsloMet Scholarships

Jalishmita Kalita and Neha Barua won the prestigious OsloMet Scholarship for Spring 2026. This fully-funded award recognized their outstanding academic merit and provided an excellent opportunity for global exposure.



Dhruv Kangavkar Achieved Top Rank in Four NPTEL Courses

Dhruv Kangavkar achieved the top rank across four highly demanding NPTEL courses in Semester VII. This feat showcased his exceptional dedication and mastery of technical concepts, setting a high academic benchmark.



Team Chemistry Chem Won 1st Place at YUVA AI-THON 2025

Team Chemistry Chem secured 1st position at the highly competitive YUVA AI-THON 2025. Their victory demonstrated brilliant innovation and proficiency in applying cutting-edge AI principles to solve complex, real-world problems.



Team A.V.I.O.N. Secured 5th Spot at SAE Aerothon 2025

Team A.V.I.O.N secured 5th Position at the competitive SAE Aerothon 2025. The team excelled in aerospace design and technical execution, proving their engineering prowess for innovative aerial vehicle construction.



DPIFS Student Got Selected for CMOT Cohort at IFFI Goa

Dev Ganesh Kadam (DPIFS) was selected for the prestigious CMOT Cohort at the International Film Festival of India (IFFI), Goa. This major achievement highlighted his filmmaking talent and direct exposure to industry veterans.



Mrutyunjay Shingare Claimed the First Runner-Up Title at the Prajatantra Festival

Mrutyunjay Shingare secured First Runner-up at the Prajatantra National Youth Festival. This achievement showcased his exceptional talent, strong leadership, and competitive spirit in cultural and civic engagement nationwide.



Polytechnic Student Sohan Rane Published His First Book

Sohan Rane (SY-AIDS, Polytechnic) achieved a milestone by publishing his very first book. This accomplishment highlighted the blend of rigorous technical studies with impressive creative authorship among our students.



Tanaya Borkar



Yukta Bande

Students Won Pratibha Excellence Award by the Eaton Foundation

Tanaya Borkar and Yukta Bande were honoured with the Pratibha Excellence Award by the Eaton Foundation. This recognition celebrated their outstanding academic performance, leadership potential, and dedication to their fields.



Kuhoo Khandekar Won Two Silver Medals in the Skating Championship

Kuhoo Khandekar secured two Silver Medals at the Maharashtra State Roller Skating Championships 2025. This achievement demonstrated her exceptional dedication, discipline, and sportsmanship.

Shruti Sharma Won Gold in the West Zone Karate Championship

Shruti Sharma secured the Gold Medal in Senior Female Individual Kumite at the 5th West Zone Karate Championship 2025. Her victory highlights our students' excellence in high-level competitive martial arts and skills.



Team RoboVin Claimed 2nd Prize at ARAI-AMTIF Ideathon

Team RoboVin achieved 2nd Prize at the ARAI-AMTIF Ideathon & Yuvahan 2025. Their success demonstrated outstanding ingenuity in military robotics and innovative ideation, securing high recognition from key industry bodies.



Alphones Abbas Won Gold at the All India Rugby Championship

Alphones Abbas won the Gold Medal at the 90th All India & South Asia Rugby Championship. His victory brought immense pride to MIT-WPU, highlighting our success in intercollegiate sports and the fierce dedication of our athletes.



Psychology Student Diyana Soni Made Her Debut as a Writer

Diyana Soni, a TYBA Psychology student, published her debut book, 'I Am Loved.' This accomplishment showcased her creative flair and deep psychological insight, complementing her academic pursuits.



Team BOLT Claimed 5 Top Awards at FMAE Moto Student

Team BOLT achieved a spectacular feat at the FMAE Moto Student 2025, sweeping five top awards, including All India Rank 1 and Best Design. This result validated their exceptional engineering skills and teamwork in auto sports.



Team CodeForge Got Victorious at Rewind and Recode Hackathon

Team CodeForge won the highly competitive Rewind and Recode Hackathon. Their victory demonstrated excellent coding skills, rapid problem-solving abilities, and strong teamwork in a demanding technical environment.

FACULTY ACHIEVEMENTS

Dr. Shvetank Bhatt Published Two Landmark Books on Cancer Research

Dr. Shvetank Bhatt achieved a remarkable feat by publishing two authoritative books: *Liquid Biopsy in Cancer Management* and *Theranostics in Cancer Management*. These volumes, published by Academic Press (Elsevier), set new benchmarks in advanced diagnostics, personalized therapy, and cancer research.



Dr. Radnyi Godase's Work Published in Top ABDC A* Journal

Work of Dr. Radnyi Godase was published in the highly prestigious *British Accounting Review*, an ABDC A* journal. This reflected her high-impact research excellence and proficiency in accounting and finance.



Dr. Bobade Selected for Prestigious DHR-ICMR Long-Term Fellowship

Dr. Chandrashekhar D. Bobade won the prestigious DHR-ICMR Long-Term Fellowship. This highly competitive award recognized his significant research contributions to medical sciences and public health.



Dr. Anand Kulkarni Released a New Book on Optimization Methods

Dr. Anand Kulkarni published his textbook, 'Optimization Methods and Algorithms,' with Springer. His work offered insights into AI-based optimization and nature-inspired algorithms.



Dr. Bhambare Achieved Three Publications in High-Impact Scopus Journals

Dr. Parimal S. Bhambare published three papers, including Q1 and Q2 indexed journals. His research spanned crucial areas like AI for environmental management, CFD analysis of heat exchangers, and optimization in power systems.



Dr. Ramteke Published Research on ChatGPT's Role in Libraries

Dr. Shrikant W. Ramteke published his research, "Will ChatGPT replace libraries?" in the Scopus-Indexed Q2 Journal, College and Undergraduate Libraries. This high-impact publication provided a thematic literature review and recommendation framework for the future.



Manjiri Dhawade's Policy Research Featured by ISB

An insightful article, "Beyond Abolition," written by Manjiri Dhawade, was featured on the ISB blog, critically examined the systemic loopholes sustaining bonded labour in India. Her work highlighted the urgent need for policy reforms and stronger enforcement to protect the dignity of the country's most vulnerable communities.

MOUs SIGNED

MIT-WPU Forged 3 New Strategic Alliances for Global Experiential Learning

MIT-WPU signed strategic MoUs with URI, itSMF India, and CHSS Hyderabad. These alliances enhanced industry integration, mentorship, and applied learning across peace studies, technology, management, and law, reinforcing our commitment to global exposure and experiential education.



MoU Signing and Launch of IPI-MIT-WPU Students' Chapter

The Department of Chemistry, MIT-WPU, signed an MoU with the Indian Plastics Institute (IPI) to strengthen Industry-Academia Collaboration. As a part of this initiative, the new IPI – MIT-WPU Pune Students' Chapter was formally inaugurated, aiming to enrich student learning through expert lectures, industrial visits, internships, and workshops. This collaboration provided valuable practical exposure and a strong foundation for careers in polymers, plastics, and sustainability.



SPOTLIGHT

Global Tech Leaders United to Shape Tomorrow at the World Technology Summit 2025

The World Technology Summit 2025 brought together 500+ global delegates from 25 nations to our campus. Through the theme "Innovation to Impact," the event showcased breakthroughs in AI and Biotech, successfully positioning our community at the forefront of the world's evolving technological landscape.



MIT-WPU Claimed the Top Spot for Sustainability in Maharashtra's Global Rankings

MIT-WPU Pune debuts in the 2025 UI GreenMetric World University Rankings, securing an impressive 1st Rank in Maharashtra and 25th in India. This achievement highlighted the University's commitment to sustainability, green infrastructure, and environmentally responsible practices across the campus.



The Prestigious 30th Endowment Lecture Series Concluded a Landmark Season

Held under the UNESCO Chair for a Culture of Peace, the 30th Endowment Lecture Series honoured the vision of Founder President Rev. Prof. (Dr.) Vishwanath D. Karad. This milestone event integrated profound philosophy with academic orientation, offering our newest students invaluable guidance on peace and excellence.



MIT-WPU Team Delivered Patented Hydrogen Carrier for Safe, Scalable Transport

Aligned with the National Green Hydrogen Mission, a research team from MIT-WPU Pune developed an advanced LOHC system for safe hydrogen storage at ambient conditions. This breakthrough slashed hydrogenation time from 18 to just 2 hours, enabling scalable transport compatible with existing infrastructure.



MIT-WPU Pune Inaugurated Centre for Excellence in Sanskrit and IKS

The Centre for Excellence in Sanskrit and IKS (CES-IKS) was successfully inaugurated during the 30th Endowment Lecture Series, attended by notable dignitaries. The Centre's first event, "Essence of Bhagavad Gita," was held on Gita Jayanti, marking a new era for integrating peace studies with Indian knowledge systems



The banner features a central text box with the title "Centre for Excellence in Sanskrit and IKS Studies" and the date "(Inauguration on the EVE OF GITA-JAYANTI) (मोहरदा एकादशी, 1st December 2025)". Above the text is a decorative floral emblem with the text "॥ गीता जयं यो वर्णनः ॥". Below the text are logos for "Centre for Excellence in Sanskrit and IKS" (MIT World Peace University, Pune, Bharat) and "MIT-WPU" (Dr. Vishwanath Karve MIT WORLD PEACE UNIVERSITY, PUNE). The banner is framed by a yellow border.

EMPLOYEE OF THE MONTH



Pallavi Sachin Phatak, Program Office (DIV-3)

Mrs. Pallavi Phatak of the Division 3 Program Office has demonstrated exceptional dedication and ownership, proving instrumental to the seamless functioning of the School of Health Sciences and Technology (SoHST). Her efficiency allowed her to single-handedly prepare 42 complex timetables across four departments within deadlines, manage 124 revaluation forms, and map 130 faculty members in CodeTantra, all contributing to timely result declarations. Beyond this, she resolved over 100 student and faculty queries related to examinations and attendance, maintaining records for over 500 students and actively contributing to an impressive 85% attendance rate. Furthermore, her meticulous planning ensured a smooth Convocation event, where she successfully mapped and registered 190 students from two schools.



Mr. Amrut Murlidhar Shivabhakta, Admissions Team

Amrut, a highly motivated and disciplined member of the Admissions team, consistently demonstrates exceptional ownership and responsibility. His contributions have been outstanding, particularly in critical and complex tasks like the self-registration process for UG and PG Science programs, earning him appreciation from authorities and superiors alike. Amrut ensures candidate and parent satisfaction by efficiently managing numerous inquiries, while consistently upholding professionalism and empathy. Crucially, he successfully completed 99% of the eligibility verification for the 2024-25 cycle and has already achieved 75% completion for the 2025-26 cycle ahead of schedule, proving his commitment to process implementation and efficiency.

ARTISTIC EXPRESSIONS

Finding Your Purpose in a Noisy World

(Inspired by *Ikigai: The Japanese Secret to a Long and Happy Life*)

In a world overflowing with information, opinions, and constant alerts, finding your true purpose can feel overwhelming. The noise of modern life is so loud that we often lose connection with our inner voice. In moments like these, the Japanese philosophy *Ikigai* becomes a gentle reminder that our purpose is not hidden somewhere outside; it already exists within us, waiting to be discovered.

Ikigai means "a reason for being". It represents the intersection of four essential elements:

1. **What you love,**
2. **What you are good at,**
3. **What the world needs,**
4. **What you can be paid for.**

When these four meet, you find a sense of meaning that gives you a natural reason to wake up every morning with energy and clarity.

The first step toward finding purpose in a noisy world is to **slow down**. The Okinawan communities, known for their long and peaceful lives, follow a simple principle: "*Walk slowly and you'll go far.*" Modern life pushes us to rush, compare, and compete, yet clarity often comes only when we allow ourselves room to pause. Spend a few minutes each day in silence without your phone. Ask yourself: "What activity makes me lose track of time?"

"What would I choose if there were no pressure, fear, or judgment?"

"Which type of work feels meaningful, not just productive?"

The second step is **exploration**. Purpose rarely appears as a sudden revelation; instead, it unfolds through continuous experimentation. Try pursuing small activities—reading, creating, building, mentoring, solving problems, or learning new skills. According to *Ikigai*, these small sparks slowly reveal what truly energises you. The key is curiosity, not perfection.

The third step is **contribution**. True purpose is not only about personal satisfaction but also about creating value for others. When your work improves someone's life, even in a small way, it deepens your sense of meaning. The book *Ikigai* explains that community involvement and helping others are core factors that keep people in Okinawa happier, healthier, and more fulfilled. (Reference: *Ikigai – chapter on community and longevity*)

The fourth step is **consistency**. Purpose becomes powerful only through daily action, not occasional bursts of inspiration. The world will always be noisy, but consistent effort strengthens your inner voice and guides you back to your path. Even small steps taken every day build momentum toward a meaningful life.

Ultimately, purpose is not something you find one day; it is something you create continuously. It grows where passion meets skill, where contribution meets fulfillment. Even in a noisy world, a clear mind can lead you toward a purposeful life. Your **Ikigai** is not somewhere far away—it's already inside you, waiting for you to listen.

- **Kunal Marathe**, Assistant Registrar, Registrar Office



Harmony in Geometry: Inspired by Madhubani & Mandala Art



Shamla Mantri

- Dr. Shamla Mantri,

Associate Professor, Department of Computer Engineering and Technology

Beyond the Horizon: Carrying the Momentum Forward...

Dear Readers,

As we conclude this profound "Stories That Stayed, Seeds That Will Grow" edition, we hope these pages have served as a mirror to the transformative energy that defined our November-December journey. Within this chronicle, we have captured more than just events; we have captured the very heartbeat of an institution that refuses to stand still. What an extraordinary season of synthesis it has been. We began with the historic "new beginning" of the World Technology Summit, planting seeds of innovation that are already beginning to take root in our laboratories and classrooms. We navigated the monsoon of change, from the high-octane engineering triumphs of Team BOLT to the quiet, scholarly reflections of our 30th Endowment Lecture Series.

Throughout these months, we witnessed the "Stories That Stayed"—the enduring legacy of leaders like Shri Shivraj Patil Ji and the sustainable milestones that placed us at the pinnacle of the GreenMetric Rankings in Maharashtra. These are not merely headlines; they are the foundations upon which our future excellence is built. Every achievement celebrated in this edition acts as a catalyst, ensuring that the momentum generated in our classrooms and sports arenas creates ripples of inspiration far beyond our campus gates.

We extend our deepest gratitude to the students, faculty, and staff who are the authors of these stories. Your dedication is the soil in which these seeds of progress grow, fostering an environment where ethical leadership and academic brilliance become the standard.

Thank you for being an integral part of this remarkable journey. As we turn the final page of 2025, let us carry the warmth of our shared successes into the new year, nurturing the seeds we have planted until they reach their full, magnificent potential.

With heartfelt appreciation,

Team PULSE,
Your Chronicle of Excellence

Pulse

THE HEARTBEAT OF MIT-WPU



Want to contribute to Pulse?
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newsletter@mitwpu.edu.in