



# NEWSLETTER

November | Issue XII



Deeksharambh  
2024 at UMU

UMU Celebrates  
World Tribal Day

'Nasha Mukti Bharat  
Abhiyan' at UMU

FDP on Primer on  
Research Methodology



## Message from the Pro-Chancellor

Dear Members of the Usha Martin University Community,

I am glad to see that in every issue the Newsletter showcases our university's vibrant academic and community engagements. Our faculty members continue to bring honor to the University with their research publications and lectures, furthering the institution's academic prestige. We take pride in their contributions, which enrich our learning environment and inspire our students. We provide an environment for free and frank discussion among the students and faculty. We hope to continue this in the future.

Beyond academics, UMU remains steadfast in its dedication to community service and holistic development. The University actively participated in the Nasha Mukta Bharat Abhiyaan, reinforcing our commitment to a healthier society. In collaboration with NSS and UBA, our students organized a successful cleanliness drive, which made a meaningful impact. The health camp for Berwari villagers and the "Plant for Mother" campaign at Salhan Village reflected our resolve toward sustainable and inclusive development. The special Gram Sabha events on Gandhi Jayanti highlighted our students' leadership in social initiatives.

The university also hosted significant academic and industry-related events, including a workshop on Artificial Intelligence and Machine Learning, a guest lecture on Banking and Financial Services, and a Workshop on Research Methodology for B.Com. students. The industrial tour to Tata Cummins provided invaluable exposure to our students. Our observance of World Tribal Day and the organization of a Blood Donation Camp reinforced our commitment to cultural inclusivity and social responsibility. I commend you all for your dedication and enthusiasm in making UMU a center of excellence and community engagement. Let us resolve to continue to strive for greater achievements in the future.

**Prof. Suresh C. Garg**



## Message from the Vice-Chancellor

Dear Learners and all members of the UMU family,

I am happy to greet you once again through the medium of the University's quarterly Newsletter issue XII, especially since it makes us all relive the vibrancy and dynamism of our institution during the months gone by.

The last quarter has been a truly productive one, enabling us to smile often, be it in the form of the notable publications, placement activity, the unfolding events of conferences and webinars, invited lectures and faculty training or the very heartening student activities and events under Unnat Bharat Abhiyan and NSS. It is truly gratifying to see our learners not only developing their own competencies but also contributing their effort and time to make lives better for those under our extension activity network.

Their efforts at promoting understanding of our tribal culture through the celebration of tribal and sustained social contribution through repeated blood donation drives, fill me with admiration and enthusiasm at their commitment to worthy causes displayed by our young men and women.

I am sure you will all keep energizing your efforts at making Usha Martin University an institution of choice both for learners and employees, and we will have many more opportunities of congratulating you on your achievements that keep bringing laurels to your institution

My best wishes to each one of you

**Prof. Madhulika Kaushik**

## ADMINISTRATIVE SET-UP OF THE UNIVERSITY

<b>Hon'ble Chancellor</b>	Shri Prabhat Kumar
<b>Chairman</b>	Shri Hemant Goyal
<b>Pro-Chancellor</b>	Prof. Suresh C. Garg
<b>Vice-Chancellor</b>	Prof. Madhulika Kaushik
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## FROM THE EDITOR



Dear Readers,

We are pleased to present the August–October edition of Usha Martin University's quarterly newsletter, highlighting the academic and community initiatives. During this quarter, we actively contributed to social welfare through the Nasha Mukt Bharat Abhiyaan, Plant for Mother campaign, cleanliness drive, health camp for Berwari villagers, and Gram Sabha events on Gandhi Jayanti. These efforts reflect our students' and faculty's dedication to positive change.

Academically, our faculty published research and delivered lectures, while the university hosted a Workshop on AI & ML, a guest lecture on Banking and Financial Services, and a Research Methodology Workshop for B.Com students. The industrial tour to Tata Cummins provided hands-on learning. We also celebrated World Tribal Day and organized a Blood Donation Camp, reinforcing our focus on inclusivity and service.

We hope this newsletter serves as a source of inspiration and a reminder of what we can achieve together. Thank you for your continued support and enthusiasm.

Happy reading!

**Dr. Shahnaaz Zabi**

## Faculty Achievements

### Publications

**Naghma Khatoon, Vinay Singh** and Prakash Kumar, "Energy-efficient Dynamic Load Balanced Clustering for MANET," International Journal of Wireless Communications and Mobile Computing, Inderscience, Vol. 28, No. 1, 2025.

Dipan Das, Bibhudatta Sahoo, **Sharmistha Roy**, Sagarika Mohanty "Performance Analysis of an Open Flow-Enabled Network with POX, Ryu and ODL Controllers", IETE Journal of Research, 1–18. <https://doi.org/10.1080/03772063.2024.2394606> . [SCIE Unpaid & Scopus indexed]

A. Sinha, P. Banerjee, **Sharmistha Roy**, N. Rathore, N.P. Singh, M. Uddin, M. Abdelhaq, R. Alsaqour, "Improved Dynamic Johnson Sequencing Algorithm (DJS) in Cloud Computing Environment for Efficient Resource Scheduling for Distributed Overloading", Journal of Systems Science and Systems Engineering, vol. 33, no. 4, pp. 391-424, 2024. DOI: <https://doi.org/10.1007/s11518-024-5606-z> [SCIE Unpaid & Scopus indexed]

**Akhtar, M. A. K.** (2024a). Dimensional Shadows: A Novel Mathematical Framework for Higher-Dimensional Understanding from a 2D Perspective. Amazon.

**Akhtar, M. A. K.** (2024b). Hyperdimatry: A Novel Mathematical Approach to Exploring and Understanding Higher Dimensions. Amazon.

**Akhtar, M. A. K.,** Kumar, M., & Nayyar, A. (2024). Towards Ethical and Socially Responsible Explainable AI: Challenges and Opportunities. Springer.

### Session Chaired

**Dr. Prakash Chandra Panda**, Associate Professor and Head, Department of English, chaired a session at the 2-day International Conference on "Bridging Realms: Exploring Intersections in Humanities and Social Sciences," held on October 5, organized by New Literaria: An International Journal of Interdisciplinary Studies in Humanities in collaboration with the Department of History and Humanities, University of Rome, Tor Vergata, Italy, and the Department of English, Central University of Karnataka.

## University Activities

### UMU Observes “Nasha Mukta Bharat Abhiyaan” Campaign



Usha Martin University, in collaboration with the National Service Scheme (NSS) and Unnat Bharat Abhiyan (UBA), organized an event to mark the “Nasha Mukta Bharat Abhiyaan” (Drug-Free India Campaign) on August 12. This year's theme, “Viksit Bharat ka Mantra, Bharat ho Nashe se Swatantra” (The Mantra for a Developed India: A Drug-Free India), underscored the nation's collective vision for a drug-free and progressive future. The event featured speeches and a nukkad natak (street play) performed by students to spread awareness about the dangers of drug abuse. Attendees, including students, faculty, and staff, pledged to make Jharkhand a drug-free state. Prominent dignitaries who attended the program included Pro Vice-Chancellor Dr. Saurabh Chaturvedi, Registrar Dr. A.K. Mishra, Dean of Student Welfare Dr. Jayantika Pal, UBA Coordinator Dr. Lopamudra Satapathy, and NSS Coordinator Dr. Abhishek Pandey. The gathering also saw the participation of Deans, Heads of Departments, and faculty members from various departments.

### UMU Conducts Successful Cleanliness Drive in Collaboration with NSS and UBA



The Faculty of Paramedical Sciences at Usha Martin University, in collaboration with Unnat Bharat Abhiyan (UBA) and the National Service Scheme (NSS), organized a health camp on September 18 at Salhan Panchayat Bhawan for the villagers of Berwari. The camp, attended by 55 locals, offered a range of free health services, including diabetes screenings, hemoglobin tests, blood grouping, and health management counseling.

The drive, aimed at promoting environmental awareness and a sense of responsibility, was coordinated by Dr. Lopamudra Satapathy, UBA Coordinator; Dr. Abhishek Pandey, NSS Coordinator; NSS Officer Dr. Jagesh Ranjan; and Dr. Bireswar Kundu. Through their collective efforts, the campaign emphasized the importance of cleanliness and environmental conservation while fostering a spirit of teamwork among the participants.

## UMU Organizes Health Camp for Berwari Villagers



The Faculty of Paramedical Sciences at Usha Martin University, in collaboration with Unnat Bharat Abhiyan (UBA) and the National Service Scheme (NSS), organized a health camp on September 18 at Salhan Panchayat Bhawan for the villagers of Berwari. The camp, attended by 55 locals, offered a range of free health services, including diabetes screenings, hemoglobin tests, blood grouping, and health management counseling.

Paramedical students conducted the various health tests, with local leaders, including Mukhiya Mrs. Sarita Tirkey, praising the university's initiative. The camp was spearheaded by Dr. Lopamudra Satapathy and Mrs. Sangita Kujur, reflecting UMU's ongoing commitment to enhancing healthcare in rural areas and promoting wellness within underserved communities.

## UMU Organizes “Plant for Mother” Campaign at Salhan Village



Students of the Unnat Bharat Abhiyan (UBA) cell and the National Service Scheme (NSS) units at Usha Martin University launched the “Plant for Mother” campaign at Salhan village on August 13. As part of the initiative, 50 fruit-bearing saplings were planted at the homes of Berwari villagers and the Berwari Primary School campus.

The plantation program was inaugurated by Salhan Mukhiya Mrs. Sarita Tirkey. The event was coordinated by UBA Coordinator Dr. Lopamudra Satapathy and NSS Coordinator Dr. Abhishek Pandey. The campaign emphasized environmental sustainability and the importance of nurturing nature as a tribute to mothers, promoting a greener and healthier future for the community.

## University's UBA Cell Students Lead Special Gram Sabha Events on Gandhi Jayanti



Students of Usha Martin University's UBA Cell organized events across Berwari, Janum, Narayansoso, and Angara villages to celebrate Gandhi Jayanti on October 2. Elders shared experiences of local governance and visions for Panchayat development, followed by a symbolic tree plantation campaign in their honor. Participants took pledges for cleanliness, drug-free living, and fitness, inspired by the elders' insights. Students explained Gram Panchayat Development Plans (GPDs) and Sustainable Development Goals (SDGs). A community cleanliness drive reinforced Gandhian values. Coordinated by Dr. Lopamudra Satapathy, the event witnessed active participation from local leaders, students, and villagers, concluding with the National Anthem.

## UMU Hosts Workshop on Artificial Intelligence (AI) and Machine Learning (ML)



The Faculty of Computing & IT at Usha Martin University successfully organized a workshop on “Artificial Intelligence (AI) and Machine Learning (ML)” on October 3, focusing on the latest industry trends. The workshop was led by Mr. Mithilesh Kumar, an accomplished AI practitioner and Co-founder of Skill Port, a renowned company based in the USA. Held on the university campus, the event saw active participation from students of B.Tech (CSE), MCA, and BCA programs, along with faculty members and professionals eager to enhance their knowledge of AI and ML. The workshop aimed to provide insights into the practical applications and emerging trends of AI and ML across various industries, equipping participants with valuable knowledge for their careers.



## Usha Martin University celebrates World Tribal Day



Usha Martin University celebrated World Tribal Day today, with an engaging event that highlighted the cultural heritage of tribal communities. The celebration, presided over by the Pro Vice-Chancellor, Prof. Saurabh Chaturvedi, and Registrar Dr Anil Kumar Mishra featured a vibrant Nagpuri dance performance by students, accompanied by the traditional beats of the Mandar and Nagada.

The Nagpuri dance, performed by students in traditional attire, captivated the audience with its rhythmic movements and energetic spirit. The powerful sound of the Mandar drum and Nagada added to the festive atmosphere, celebrating the rich musical heritage of tribal communities.

In his address, the Pro Vice-Chancellor emphasized the importance of preserving and promoting tribal culture, recognizing its vital role in India's cultural fabric. The event was coordinated and organized by Dr Sangita Kujur and Tanijar Munda.

### **Department of Business Management Hosts Guest Lecture on Banking & Financial Services**

The Department of Business Management at Usha Martin University organized a guest lecture on "Opportunities in Banking and Financial Services" for B.Com (H) students on September 17.

Mr. Akash Kumar, Regional Head at Axis Bank, conducted an insightful session where he discussed emerging trends in the banking and financial services sector, career opportunities, and the essential skills required for success. The interactive session provided students with valuable industry insights, motivating them to explore various roles and opportunities within the banking sector.

### **B.Com Students Attend Industrial Tour to Tata Cummins**

B.Com (H) IIIrd and IVth semester students from Usha Martin University participated in an industrial tour to Tata Cummins, Jamshedpur, on October 7. The visit offered students valuable hands-on exposure to real-world organizational operations and workplace dynamics. During the tour, students observed various industrial processes and gained practical insights into operations, management practices, and corporate culture. This immersive experience helped bridge the gap between academic theories and industry practices, enhancing the students' understanding of operational management and industrial standards.

## Usha Martin University holds blood donation camp



The University hosted a successful blood donation camp on August 13 in collaboration with the Jharkhand Thalassemia Foundation, Life Savers, and Sadar Hospital, Ranchi. The event, held at the Physiotherapy OPD, was inaugurated by Pro-VC Saurabh Chaturvedi and Registrar Anil Chaudhary of the university. The camp aimed to address the critical need for blood donations, particularly for Thalassemia patients, and to encourage community participation in lifesaving efforts. The highlight of the event was a spirited nukkad natak performed by BPT students, raising awareness about the importance of donating blood.

The event saw a promising turnout, with 40 participants registering, out of which 23 successfully donated blood. The process was efficiently managed by a dedicated team of 15 volunteers, including medical professionals, physiotherapy students, and members of the Health Services Committee. The blood collection was overseen by trained technicians and doctors from Sadar Hospital, ensuring the safety and comfort of the donors. Post-donation care was a priority, with refreshments and recovery snacks provided to all donors. A comfortable recovery area was set up to ensure their well-being. Additionally, educational booths were set up to inform attendees about the blood donation process, eligibility criteria, and the significant impact of their contributions.

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## Department of Commerce Conducts Workshop on Research Methodology for B.Com Students

The Department of Commerce at Usha Martin University conducted a workshop on "Research Methodology" for B.Com (Hons) Semester III and Semester V students on September 25. Led by Dr. Arvind Hans, Dean of the Faculty, the session covered essential research principles, methodologies, and project preparation techniques. The workshop aimed to enhance students' research capabilities, vital for their academic projects, and foster a deeper understanding of data analysis and scholarly writing. The initiative laid a strong foundation for future research endeavors and equipped students with valuable skills for their academic growth.

## Usha Martin University organized a Week-Long Faculty Development Program



Usha Martin University organized a week-long Faculty Development Program (FDP) on “Primer on research methodology for research scholars and faculties” from August 20 to August 27. The program aimed to enhance the research skills of participants by focusing on both the theoretical and practical aspects of research.

The FDP was inaugurated by Pro-Vice Chancellor Prof. Saurabh Chaturvedi, who emphasized the importance of research in academic growth and development. The program was led by Dean Dr. Arvind Hans, with Dr. Md Saifullah Khalid serving as the coordinator. The event featured a series of sessions designed to provide participants with a comprehensive understanding of research methodology, equipping them with the necessary tools to conduct effective and meaningful research.

The week-long program culminated in a certificate distribution ceremony, where the Vice Chancellor, Prof. Madhulika Kaushik, along with Pro-Vice Chancellor Prof. Saurabh Chaturvedi and Registrar Dr. Anil Kumar Mishra, presented certificates to the participants. The program was well-received, with attendees expressing appreciation for the valuable insights and practical knowledge gained throughout the week.

## Legal Awareness Camp by Faculty of Legal Studies in Angara block



On September 3, the students of the Faculty of Legal Studies, Semester VII, organized a legal awareness camp under the Sarkar Aapke Dwar program at the Angara Panchayat Bhawan. During the camp, the students educated the villagers about their legal rights and the benefits associated with them. Additionally, they provided detailed information about various government welfare schemes. The children actively participated in the campaign to ensure these welfare schemes reached everyone, and the initiative received strong support from all the officials present.

# DEEKSHARAMBH 2024



A five-day orientation programme for the new session students at Usha Martin University was organized from August 26 to 30. The programme was divided into three parts. On the first day, the orientation will be conducted for students from the departments of Management, Journalism and Mass Communication, English, Computer Science, Agriculture, Mathematics, and Commerce. On the second and third days, the students of Law, Engineering, Forensic Science, Pharmacy, Physiotherapy, and Nursing were oriented. Approximately 1300 students and their parents participated in this orientation programme. During the orientation Pro-Chancellor Prof. SC Garg, Vice-Chancellor Prof. Madhulika Kaushik, Pro-Vice-Chancellor Prof. Saurabh Chaturvedi, and Registrar Dr. Anil Kumar Mishra addressed the students. Apart from them Controller of Examination Dr. Vinay Singh, Director Placement Ms. Priyanka Pallavi, Librarian Mrs. Sumita Ghosh, and hostel wardens provided important information about the university, particularly regarding rules and regulations, sports, human values, personality development, placements, etc.



## **Faculty of Journalism and Mass Communication, and Agriculture Hosts Lecture on Climate-Smart Agriculture and Sustainable Development**



On September 10, the Faculty of Journalism and Mass Communication, and Faculty of Agriculture organized a significant lecture on climate-smart agriculture. Dr. Manish Kumar, R research consultant with SIDHA, (Social Initiative Through Development and Humanitarian Action) Ranchi, was the guest speaker.

During the lecture, Dr. Kumar emphasized the importance of sustainability in agriculture and shared insights on climate-smart practices focusing particularly on Jharkhand's unique agricultural challenges. He delivered an insightful presentation on how communication can play an important role in advancing climate-smart agriculture. The session was organized by Dr. Shahnaaz Zabi, Head, Faculty of Journalism and Mass Communication.

## **UMU Students Recreate the Impact of India's Partition Through Drama and Dance**



Students of Usha Martin University on September 13 presented a powerful depiction of the impact of India's 1947 Partition through drama and dance. The performance brought to life the pain, struggles, and stories of separation that marked one of the most significant events in Indian history. Held on the university campus, the event showcased the students' cultural expressions as they reflected on the social and emotional aspects of the Partition era. Through their performances, the students addressed the social and cultural challenges of that time, offering the audience a glimpse into the emotional depth of the historical event. The event was graced by the presence of Registrar Dr. Anil Kumar Mishra, Dean of Student Welfare Jayantika Pal, and faculty members.

## UMU Hosts 'Kuwami Japani' in Collaboration with Tamai Onetom India Pvt. Ltd.



On September 26, UMU in collaboration with Tamai Onetom India Pvt. Ltd., organized an event titled Japan First, featuring Japanese speakers who conducted the celebration on campus. The event highlighted various aspects of Japanese culture, offering an immersive experience, a virtual tour, and insights into career opportunities and development through learning the Japanese language. The programme, named Kuwami Japani (which translates to "Excellence in Japanese"), focused on promoting an understanding of Japan's cultural richness and educational standards. Content Creator Manager Kupo Shanta discussed 12 concepts related to global standards in mathematics and education. Educator Momoka Kita Tani gave an engaging presentation on manga, anime, and the beauty of Japanese civilization, emphasizing that Japan is one of the safest countries in the world. She also shed light on Japan's remarkable progress and modernization after the atomic bombings during World War II. Tomita Soma spoke about leading Japanese companies like Panasonic and Sony, as well as topics such as social harmony, bullet trains, job opportunities, and scholarships available in Japan.

## World Pharmacists Day observed at UMU



Usha Martin University observed World Pharmacist Day on September 25 under the theme "Pharmacists: Meeting Global Health Needs." The event was inaugurated by Dr. Anil Kumar Mishra, Registrar, and Dr. Vinay Singh, Controller of Examinations (COE), along with the presence of the Dr. Abhiram Rout, Head of the Department of Pharmacy.

The day's celebrations included a series of engaging activities that highlighted the crucial role pharmacists play in global healthcare. Students delivered PowerPoint presentations that impressed both faculty and peers, showcasing their understanding of the pharmacist's role in improving public health and ensuring safe, effective medication use. Their presentations were lauded for their clarity and depth. A lively quiz competition further energized the event, testing participants' knowledge on pharmaceutical sciences and health policies. In addition to the academic activities, a vibrant food fest was organized, focusing on health-conscious recipes and nutritious foods, underlining the broader role pharmacists play in promoting overall wellness.

## Usha Martin University Hosts Interactive Session on Higher Education Opportunities in the United States



Usha Martin University organized an impactful interactive session on “Higher Education in the USA and Fulbright-Nehru Fellowships” to raise awareness among students about educational opportunities in the United States, including application processes and fellowship programs. The event was held on September 11. The session was presided over by Vice-Chancellor Prof. Madhulika Kaushik and Registrar Dr. Anil Kumar Mishra. The keynote speaker, Mr. Sumanta Basu, Regional Officer of the United States-India

Educational Foundation (USIEF), shared his in-depth insights and experiences with students and faculty members. Highlighting the significance of the Fulbright-Nehru Fellowship, Mr. Basu stated, “The fellowship is not only a pathway to academic growth but also a bridge strengthening educational and cultural ties between India and the USA.” He elaborated on the application procedures and provided detailed information about studying in the U.S., scholarships, and the visa process. Final-year students and faculty members actively participated, engaging in discussions and seeking guidance from Mr. Basu. The session was organized under the leadership of Dr. Arvind Hans, Dean of Faculty.

## Department of English Hosts "Illuminaria" to Promote Creativity and Entrepreneurship



On October 25, the Department of English at Usha Martin University organized an inspiring event titled Illuminaria: Turning Artistic Visions into Entrepreneurial Ventures under the guidance of Dr. Shimpi Kumari Chaturvedi and Dr. Prakash Chandra Panda, Head of the Department. The event drew a diverse audience of students, faculty members, and guests. The program aimed to encourage participants to explore how artistic expressions can be transformed into thriving business opportunities. During the event, students exhibited stalls featuring food items and handicrafts prepared by students, showcasing their creativity and entrepreneurial potential. Through this initiative, participants were offered insights into leveraging their artistic talents to build sustainable ventures.

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