

USHA MARTIN UNIVERSITY

NEWSLETTER

22 - 23 MARCH

MAY 2023 | ISSUE VI

2nd ANNUAL FEST

UshMa 2023



UMU PARTICIPATES IN

Global Entrepreneurship Summit '23

International Webinar ON ENTREPRENEURSHIP,
COMMUNITY CONNECT, & REDUCING UNNECESSARY MEDICATION

3rd International Conference on
MACHINE LEARNING & INFORMATION PROCESSING



MESSAGE FROM THE PRO-CHANCELLOR

It gives me great pleasure to learn that the Editorial Board is bringing out the fifth edition of the Newsletter, which showcases the periodic academic growth and developments, co-curricular and extracurricular activities. It signifies that UMU is a happening institution striving to be the first choice of learners in Jharkhand because of its learner-centered and pro-teacher/employee policies. Moreover, enthusiastic participation by different departments bears testimony to the interest of the University fraternity.

A university has three-dimensional functions: create new knowledge through research, impart knowledge to learners in a classroom, and extend to serve the society which supports it. Usha Martin University provides an atmosphere for free and fair discussions for all. It practices outcome-based teaching, which helps our graduates to get placements on campus. We are working towards reversing the brain drain from Jharkhand by providing high-quality and affordable education. I am sure we can do it and we will do it in the near future.

Throughout the year, we have witnessed countless moments of excellence, resilience, and innovation that have further solidified our institution's position as a hub of knowledge and growth. Our students have demonstrated outstanding determination, creativity, and leadership. From securing prestigious placements and awards to organizing impactful community outreach programs, you have exemplified the true essence of our university's mission. Your commitment to learning, both inside and outside the classroom, continues to inspire us all.

And, our esteemed faculty members whose dedication to teaching, research, and mentorship has paved the way for researches and transformative education. Your passion for knowledge and your ability to ignite curiosity in our students have been instrumental in shaping their academic journeys.

We will continue to nurture an inclusive, supportive, and intellectually stimulating environment that empowers our students to become compassionate leaders, critical thinkers, and lifelong learners.

Prof. Suresh C. Garg



MESSAGE FROM THE VICE-CHANCELLOR

It is with great joy and pleasure that I welcome yet another issue of the UMU Newsletter very ably chronicling the dynamism and enthusiastic celebration of academic and campus life at Usha Martin University. The University is undoubtedly showcasing the vibrancy and productive expression of a young and aspirational institution aiming to claim its place in the emerging and highly competitive higher education landscape in the region

Apart from its evolving and well-earned reputation for excellent teaching-learning practices, the University has begun to develop its mark in the field of research and innovation. With a very vibrant research degree programme for a young university, to a growing list of patents and sizeable research publications, UMU is moving in a determined way towards its chosen aim of becoming an institution of choice for all learners desirous of accessing high-quality education with competency linked learning outcomes .

Working for the round development of its learners, the University has created opportunities for community and extension services that enable our learners to engage with the community directly and get exposure to experiential learning as well as the satisfaction of making lives better by sharing usable knowledge with farmers and other livelihood practitioners in our five adopted villages. We hope that this exposure will develop our learners into empathetic and socially responsible citizens.

The student fest, while bringing out our learners' organizational and planning capabilities, also helped showcase the athletics, sports, and performance skills of our very talented learners in performing arts, of course, very ably supported by the teachers. I congratulate all of them for their amazing performances and the fun-filled days of enjoyment created for the university community.

I would also like to take this opportunity to salute all our teachers and staff who enable the high standards of academic engagement at UMU in a conducive and cohesive environment.

My best wishes to the UMU family for aspiring to reach new heights each day.

Prof. Madhulika Kaushik

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Dean (Academic)	Prof. Himanshu Narayan
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Dean (Students' Welfare)	Dr. Sarmishtha Roy
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FROM THE EDITOR



Welcome to the latest edition of the Usha Martin University quarterly newsletter, which highlights the significant achievements, developments, and events that have shaped our vibrant academic community. The newsletter reflects on the incredible journey of the University from February to April that we've embarked upon together. From pioneering research papers to inspiring student initiatives, our university community has truly exemplified excellence and innovation.

In this issue, you will find the remarkable achievements of our students that have always brought pride and admiration to our institution. Discover the stories of visionary faculty members who have been at the forefront of research and teaching. Explore the exciting and diverse range of events that have taken place on our campus throughout the quarter. From academic conferences and workshops to cultural festivals, these events have fostered a sense of community, learning, and fun.

We hope that this issue of the newsletter encapsulates the vibrancy and spirit of our university community. I would like to extend my heartfelt appreciation to the editorial board who have dedicated their time and expertise to make this newsletter a comprehensive and engaging source of information. Their commitment to excellence is evident on every page, and I am immensely grateful for their contributions.

We look forward to improving the newsletter with your suggestions and feedback. Your input is invaluable in shaping the content and direction of our publication. Together, we can create a vibrant platform to share knowledge, celebrate achievements, and strengthen the bonds within the University community.

Dr. Shahnaaz Zabi

FACULTY ACHIEVEMENTS

Papers Published

Biresh Kumar, **Sharmistha Roy**, Kamred Udham Singh, Saroj Kumar Pandey, Ankit Kumar, Anurag Sinha, Shubham Shukla, Mohd Asif Shah, Adil Rasool, "A Static Machine Learning Based Evaluation Method for Usability and Security Analysis in E-Commerce website", IEEE Access, doi: 10.1109/ACCESS.2023.3247003. [SCIE Indexed]

Biresh Kumar, **Sharmistha Roy**, Anurag Sinha, Vikas Kumar, Ashish Kumar Verma, "Invo-Substitute: Three Layer Encryption For Enhanced E-Commerce Website Security Using Substitution Cipher And Involution Function", Journal of Pharmaceutical Negative Results, vol. 14, Special Issue 2, pp. 1621-1640, 2023, 10.47750/pnr.2023.14.S02.198 [Scopus Indexed]

Biresh Kumar, **Sharmistha Roy**, Anurag Sinha, Celestine Iwendi, and Ľubomíra Strážovská; "E-Commerce Website Usability Analysis Using the Association Rule Mining and Machine Learning Algorithm" Mathematics 2022, vol. 11(1) no. 25, 8517. <https://doi.org/10.3390/math11010025>

Biresh Kumar, **Sharmistha Roy**, Anurag Sinha, Namit Garg, Hassan Raza Mahmood, Muneeb Hashmi. Analysis Of E-Commerce Usability and Security Factors Based On Multimodal Business Dimension In Pharmaceutical Supply Chain And Cbir Based Textile Recommendation System. Journal of Pharmaceutical Negative Results 2022, Vol. 13, Special Issue 7, 2471-2484.

Purnima Kumari Srivastava, **Sharmistha Roy**, Prashant Pranav, A review of sentiment analysis of education sector stakeholders, 3rd International Conference on Machine Learning and Information Processing (ICMLIP) 25-26 February 2023. [Scopus indexed].

Naghma Khatoon, **Sharmistha Roy**, Genetic Algorithm Based Energy- Efficient Clustering for Wireless Sensor Network, 3rd International Conference on Machine Learning and Information Processing (ICMLIP) 25-26 February 2023. [Scopus indexed].

Amaresh Bose and **Naghma Khatoon**, "Risk and Attacks Against AI/ML, As Well As the Chief Information Security Officer's (CISO) Position on IT", Journal of Northeastern University, vol. 25, Issue 4, pp: 4904-4925.

Amaresh Bose and **Naghma Khatoon**, "Sentiment analysis of It Companies- Features and Feelings Profiling, as well as Data Mining for Employee Input", Journal of Northeastern University, DOI: 10.21203/rs.3.rs-2348427/v1, pp: 1-15, Dec. 2022.

Amaresh Bose and **Naghma Khatoon**, "A Study on Sentiment Analysis on It Sector Employees Using K-means Clustering", Smart Intelligent Computing and Applications, Volume 2: Proceedings of Fifth International Conference on Smart Computing and Informatics (SCI 2021), volume 2022, pp: 495-504.

Mohini Verma, **Shubhasekhar Chakraborty**, Shweta Kumari, Alok Gupta, Dewanshu Kumar, Jawed Iqbal, J. Rajesh Banu, Arulazhagan Pugazhendi, R. Naresh Kumar. (2023) Co-Treatment of Stabilized Landfill Leachate and Municipal Wastewater in a Granular Activated Carbon-Sequencing Batch Reactor (GAC-SBR)" Process Safety and Environmental Protection Volume 174, June 2023, Pages 424-432

Munjal K. and **Arvind Hans**. Greater Social Mobility of Tribal Women In Rural Jharkhand: Entrepreneurship Among Women In Jharkhand- A Pilot Study; Journal of the Oriental Institute, Volume 72, Year 2023, Pages 95-107

Munjal K. and **Arvind Hans**. Women In Business - A Pilot Study from Jharkhand; International Journal of Humanities, Law and Social Sciences, Volume 10, Year 2023, Pages 95-107

V.N. Sharma and **Arvind Hans**. The Role of Training In The Revival Of The Jharkhand Hotel Industry During The Covid-19 Pandemic; Puranam, Volume LXV, Year 2022, Pages 22-38

S. Sagar, D K Upadhyay. A Study on the Insurance Consumer Behavior towards UPI Platforms in Emergency, National Journal of Value Education, Vol 11.1 (January 2023), Pages 356-371

Rashmi Kumari and **Prakash Chandra Panda**. Fiction or Non-Fiction: Woolf's Battle with Keeping Boundaries. Kanpur Philosophers, Vol Issue I, March 2023, pp.21- 26.

Rashmi Kumari and **Prakash Chandra Panda**. Book Cover - r reading Between the Images. . . Journal of the Oriental Institute M.S. University of Baroda Vol. 72, Issue. 01 January-March: 2023, pp 56-62

Pandey, A., Prasad, D., Kushwanth Reddy, K., Venkatesh, K., Chand, A., Nath, V. (2023). Face Detection Using Convolutional Neural Network. In: Nath, V., Mandal, J.K. (eds) Microelectronics, Communication Systems, Machine Learning and Internet of Things. Lecture Notes in Electrical Engineering, vol 887. Springer, Singapore. https://doi.org/10.1007/978-981-19-1906-0_55

Pandey, A., Kumar, D., Priyadarshi, R., Nath, V. (2023). Development of Smart Village for Better Lifestyle of Farmers by Crop and Health Monitoring System. In: Nath, V., Mandal, J.K. (eds) Microelectronics, Communication Systems, Machine Learning and Internet of Things. Lecture Notes in Electrical Engineering, vol 887. Springer, Singapore. https://doi.org/10.1007/978-981-19-1906-0_57

S M Mozammil Hanain, Rajeshwari Chatterjee, Prabhat Ranjan, **Gaurav Kumar**, Shubham Sharma, Abhinav Kumar, Bashir Salah, Syed Sajid Ullah. (2023). Performance, Emission, and Spectroscopic Analysis of Diesel Engine Fuelled with Ternary Biofuel Blends. Sustainability, 15(9), 7415. <https://doi.org/10.3390/su15097415>.

Sidra Khatoon, Satish Kumar Yadav, Vishwadeep Chakravorty, Jyotsna Singh, Rajendra Bahadur Singh, Md Saquib Hasnain, **S M Mozammil Hasnain** (2023). Perovskite solar cell's Efficiency, Stability and Scalability: A Review. Materials Science for Energy Technologies. <https://doi.org/10.1016/j.mset.2023.04.007>.

Patents Granted

A patent on "IOT-based predictive Hotel Arrival Using Keyless Entry System" was awarded to Dr. Arvind Hans, Faculty of Business Management and Commerce.

A patent on "Disintegration test apparatus for coated tablets" was awarded to Dr. Sailesh Narayan Department of Pharmacy.

Conferences/Workshops/FDPs attended

Dr. Lopamudra Satapathy participated in a workshop on the Design and Development of Microscale Rural Energy Technologies during 13-14 March organized by IIT Delhi in collaboration with Unnat Bharat Abhiyan and the Ministry of Education, Govt. of India.

Dr. Lopamudra Satapathy participated in an orientation workshop organized by Unnat Bharat Abhiyan, NIT Jamshedpur on 8-9 April.

Dr. Atibha Vijaya Singh, Mrs. Swati Sawar, and Ms. Kritika Singh attended FDP on Law and Economics organized by Rahul Gandhi National Law University, Patiala from 10th-16th March.

Dr. Shahnaaz Zabi presented a paper titled A Study of Communication Structure of Tribal Society on Social Media in an International Conference on Emerging Media Trends and Its Impact on Society and Governance on the 28th and 29th of April organized by the School of Journalism, Film and Creative Arts, Lovely Professional University, Punjab.

Mr. Animesh Rishi was invited to judge the Indian Qualifying Rounds (Virtual) of the Philip C. Jessup International Law Moot Court competition held on 24th February organized by the International Law Students Association, Washington DC, USA.

Session Chaired

Dr. Sharmistha Roy chaired a session of the 3rd International Conference on Machine Learning and Information Processing ICMLIP-2023, during 25-26th February.

Dr. Abhishek Pandey chaired a technical session at the 3rd International Conference on Nanoelectronics, Machine Learning, Internet of Things & Computing Systems (NMIC-2023) organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribagh Road, Ranchi-835217, Jharkhand, India during April 29 -30th in Virtual Mode.

STUDENTS' ACHIEVEMENTS

Candidate Name	Department	Employer Name	Designation	Location
Akash Kumar Soni	MBA	HDFC AMC LTD	Unit Manager	Pan India
Mayuri	MBA	HDFC AMC LTD	Unit Manager	Pan India
		SBI LIFE	BDA	Pan India
Najis Parween	MBA	Silverline	HR Executive	Ranchi
Pratik Roy	MBA	Vivo	Management Trainee	Jharkhand
Rakesh Kumar	MBA	SBI LIFE	BDA	Pan India
Roshan Kiro	MBA	SBI LIFE	BDA	Pan India
		HDFC AMC LTD	Unit Manager	Pan India
Sachin Kumar Pandit	MBA	Vivo	Management Trainee	Jharkhand
Shafaqe Almas	MBA	Usha Martin University	Placement Executive	Ranchi
Priyanshu Jaiswal	MBA	Vivo	Management Trainee	Jharkhand
Ritu Rani	MBA	SBI LIFE	BDA	Pan India
Ruchi Kumari Verma	MBA	SBI LIFE	BDA	Pan India
Abhishek Bharti	MBA	Usha Martin University	Marketing Executive	Ranchi
		SBI LIFE	BDA	Pan India
Abhishek kumar	BBA	SBI LIFE	BDT	Pan India
Abhishek raj	BBA	SBI LIFE	BDT	Pan India

BDA - Business Development Associate

BDT - Business Development Trainee

Ganesh Sharma	BBA	Vivo	Management Trainee	Jharkhand
Rohit Roy	BCA	Wipro	Scholar Trainee	Kolkata
Indu Kumari	B.Sc Agri	SBI LIFE	BDT	Pan India
Rupam Kumar	B.Sc Agri	Birsa Krishak Pathsaala	Birsa Village Coordinator	Jharkhand
Shakti Nishant	B.Sc Agri	Birsa Krishak Pathsaala	Birsa Village Coordinator	Jharkhand
SUMIT KUMAR	B.Sc Agri	Birsa Krishak Pathsaala	Birsa Village Coordinator	Jharkhand
Kumar Sanchay	B.Sc Agri	Birsa Krishak Pathsaala	Birsa Village Coordinator	Jharkhand
Jeevan Kr. Pandey	BA. Eng	SBI LIFE	BDT	Pan India
Siddhant Kr. Singh	BAJMC	SGRS Academy Pvt Ltd	District Skill Manager	Ranchi
Ashmit Kr. Singh	Dip in Elec.	Tecno India	Dip. Engineer Trainee	Haryana
		Forvia Faurecia	Dip. Engineer Trainee	Pan India
Krishna Sharma	Dip in Elec.	Tecno India	Dip. Engineer Trainee	Haryana
		John Deere	Dip. Engineer Trainee	Pune
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
Rahul Kumar	Dip in Mech	John Deere	Dip. Engineer Trainee	Pune
Aawant raj	Dip in Mech	Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
		TATA Toyo Radiator	Dip. Engineer Trainee	Pune
		SUBROS	Dip. Engineer Trainee	Pan India
Ranjit Mahto	Dip in Mech	Tecno India	Dip. Engineer Trainee	Haryana
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
		John Deere	Dip. Engineer Trainee	Pune
		Forvia Faurecia	Dip. Engineer Trainee	Pan India
Rakesh Kumar	Dip in Mech	John Deere	Dip. Engineer Trainee	Pune
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
Harish Kr. Choudhary	Dip in Mech	John Deere	Dip. Engineer Trainee	Pune
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
		HITACHI	Dip. Engineer Trainee	Pune
		Forvia Faurecia	Dip. Engineer Trainee	Pan India
Himanshu Kr. Pandey	Dip in Mech	Tecno India	Dip. Engineer Trainee	Haryana
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
		HITACHI	Dip. Engineer Trainee	Pune
		John Deere	Dip. Engineer Trainee	Pune
		Forvia Faurecia	Dip. Engineer Trainee	Pan India

Ujjwal Kumar Sinha	Dip in Mech	John Deere	Dip. Engineer Trainee	JPune
		Sigma Eng. Solutions	Dip. Engineer Trainee	Pune
		TATA Toyo Radiator	Dip. Engineer Trainee	Pune
Ankit Tiwari	Dip in Mech	John Deere	Dip. Engineer Trainee	Pune
Sachin Kumar	Dip in Mech	Sigma Eng. Solutions	Dip. Engineer Trainee	Pune

EVENTS AND ACTIVITIES

International Webinar on Entrepreneurship, Community Connect, and Reducing Unnecessary Medication

An international webinar on “Entrepreneurship, Community Connect, and Reducing Unnecessary Medication” was organized by the Department of Pharmacy on 24th April in collaboration with eminent guests Dr. Mahadev Bhatt (Ex-Clinical & Community Pharmacist, California, USA), Dr. Anantha Naik Nagappa (President, ACPI, India), Dr. R.N. Gupta (Vice President, IPA), Dr. Kaushal Shah, CEO & Founder of eVitalRX).

The speakers briefed the participants about medication review, patient’s medicine, role of pharmacists, minimizing the usage of medication, role of community pharmacists in hospitals, and importance of handling a prescription. They also gave insight into different government policies which aid in the process of opening different pharmaceutical businesses.

Students of BBA. LLB Participated in a Symposium on Gender Equality



Three students of BBA. LLB Kishangi Chhaya, Anurag Mishra, and Nidhi Kedia presented a paper on Gender equality at a symposium on “Gender Equality Today for a Sustainable Tomorrow” organized by the Chota Nagpur Law College on 1st April. Mrs. Tulika Sinha, Head of Faculty of Legal Studies was also invited as a resource person in this symposium.

Industry visit to TATA CUMMINS



An industrial visit to the TATA CUMMINS, Jamshedpur was jointly organized by the Department of Mechanical Engineering, the Department of Electrical Engineering, and the Training and Placement Cell on 11th April. Students of D.Engg. (Mechanical & Electrical) and B.Tech (Mechanical Engineering) visited the industry where they interacted with the employees and learned about the design and development of diesel engines and generators, alternators, digital controls, transfer switches, fuel systems, filtration, and digital paralleling systems. Mr. Modassir Khan, Mr. Nishant Kumar, Mr. Umesh Pramanik, and Mr. Arijit Mahadani coordinated the visit.

Industrial visit to Tata Steel, West Bokaro



The students of B.Tech. and Diploma (Mining Engineering) visited the coal mine of Tata Steel, West Bokaro on Friday 21st April. The visit aimed at making students aware of mining industries including mine operations and reclamation.

During the visit, an officer of Tata Steel briefed the students about future progressive plans for the mines. It was further followed by a short presentation about the geological deposit of the leasehold area, the quality and quantity of coal being extracted, mining technologies being used in the mines, and sustainability in mining. The tour was concluded by an opencast mine visit including mine operations.

Celebrating World IPR Day



World Intellectual Property Rights Day was celebrated on 26th April. A webinar was conducted by the Faculty of Agriculture in collaboration with the Institute Innovation Council of the University. Mr. Anmol Aggarwal, Senior Associate Zeus IP Advocates LLP, New Delhi was the resource person and he delivered a talk on the Patentability of Innovations in Science and Technology. Prof S. C. Garg, Dr. A. K. Mishra, Prof. H. Narayan, Prof. S. Samanta, Dr. L. Satapathy, Dr. S. Kumar, and students of the university participated in the program.

Workshop on IPR

Considering the significance of Intellectual Property Rights (IPR), a workshop on IPR was organized on 12th April. Dr. Atibha Vijaya Singh was the resource person of the workshop who briefed the students of MBA second semester on various aspects of IPR. Students enthusiastically participated in the events and got their doubts clarified.

Physiotherapy Awareness Campaign



The students of the Department of Physiotherapy and Paramedical Sciences performed a street play at Gondlipokhar Chowk, Angara village. The students spread awareness about the importance of Physiotherapy in specific diseases for rehabilitation among villagers. The slogans boosted the crowd and encouraged the villagers. The event was coordinated by Dr. A. A. Saxena, Head and other faculty members of the department.

Career Counseling Session for students of BBA. LLB



A career counseling session was conducted for students of BBA. LLB on Career Alternatives in Law on 14th April. Members of Law Fluent, Ranchi were invited to conduct the counseling session. Advocate Manjusha and Advocate Abhishek from Jharkhand High Court were the resource persons of the session. They gave students a broader insight into the prospects in the legal field.

Visit to Livestock farm at Birsa Agricultural University



BSc. Hons. Agriculture students visited a livestock farm at Birsa Agriculture University on 1st February. Practical demonstrations on different aspects of livestock farming were conducted. Students were enlightened on different feeding techniques, breeding practices, and strategies for disease prevention and control. The students were accompanied by Dr. S. S .Chakraborty, Dr. Bireshwar Kundu, and Mr. Sumit Mishra.

Field Visit to Biodiversity Park



The students of Diploma in Pharmacy (Part I) visited Biodiversity Park on 26th April. During the visit, Mrs. Priyanka Jaiswal gave an insight into the cultivation, collection, and uses of medicinal plants. Dr. Sailesh Narayan, Head of the Department discussed the traditional system of producing medicines. Mr. Prabhat Kumar, Mr. Harish Kumar Singh, Mr. Akash Kumar, and Mr. Kunesh coordinated the visit.

Visit to Forest Research cum Demonstration Centre



First semester students of the Faculty of Agriculture visited the Forest Research cum Demonstration Centre at Garhkhatanga, and Medicinal Garden of Biodiversity Park on On 7th February for enhancing more practical knowledge on Forestry and Horticulture under the supervision of Ms. Juhi Chandra, Ms. Manisha Kumari, and Mr. Amarnath Mahato.

Research Orientation Programme

Research Orientation Programme was conducted for MBA fourth semester IV and BBA sixth semester on 16th March and 27th March respectively. Dr. Arvind Hans and Dr. Meenakshi Kumari were the resource persons of the programme. They emphasized on the significance of project work and briefed the students about writing a literature review, sampling design, data collection methods, and analysis of data.



ANNUAL *Sports*

Usha Martin University organized its annual Sports and Cultural Festival 'UshMa-23', from 20th March to 23rd March. Mr. Hemant Goyal, Chairman of the University, inaugurated the festival. While addressing the UMU family, he said that Usha Martin University is creating a distinct identity in the field of quality education and is also progressing continuously in sports and cultural areas.

The four-day fest witnessed many outstanding performances by the students. Various sports competitions including cricket, badminton, chess, carrom, long jump, and races were organized for the students on the first two days of the celebrations.



CULTURAL Festival



On the third and fourth days of the fest, cultural events like dance and song competitions, skits, debates, poetry composition recitation photography competition, face painting, mehendi, and stand-up comedy were organized.

The students presented colorful cultural programs on the third day of the fest. Shri Nandlal Nayak, a world-famous folk artist, music director, filmmaker, and member of Sangeet Natak Academy, Delhi, inaugurated the program.



Prof. Madhulika Kaushik, the Vice-Chancellor of the University, honored him by presenting a Madhubani painting made by the students and praised him for spreading the state's folk culture worldwide. Shri Nayak stressed on maintaining one's regional identity, language, and culture as it binds us together. Deepa Oraon, the Angara Pramukh, Prof. Madhulika Kaushik, and Dr. Anil Kumar Mishra were also present at the occasion.

The 2nd Annual Fest of the University also witnessed the performance of Ranchi's famous musical band 'Highway 69' on its final day. The band enthralled the audience with metal music and Bollywood songs.



Educational trip to Hyderabad for Agriculture students



The Faculty of Agriculture organized an educational trip to Hyderabad for the third year B.Sc. (Hons.) Agriculture students from 17th February to 1st March. The trip included a visit to ICAR- NAARM, ICAR-MANAGE, ICAR- Indian Institute of Rice Research, ICAR - Indian Institute of Oilseeds Research, ICAR-Directorate of Poultry Research,

Professor Jai Shankar Telangana State University, ICAR - Indian Institute of Millets Research Institute, ICAR - National Bureau of Plant Genetic Resources. Lecture sessions were conducted by senior professors and scientists of the visiting institutes. Eighty-four students went for the trip accompanied by Dr. Lopamudra Satapathy, Head, Dr. Bireswar Kundu, and Mr. Sumit Mishra.

School Health Programme organized at Janum



A school health programme was organized by the School of Nursing in collaboration with Unnat Bharat Abhiyan (UBA) and the National Service Scheme (NSS) unit at the Government Middle School, Janum village of Angara block. School children were given special information about hand-hygiene techniques and its benefits, the importance of nutritious food, and the prevention of rabies. Healthy food items were distributed among the school children. This program was coordinated by Mr. Bikram Majumdar.

National Board of Accreditation

The National Board of Accreditation (NBA) expert team evaluated the university's MBA programme during a three-day accreditation visit from 6-8th January. During the visit, the team interacted with Prof. M. Kaushik, Vice Chancellor, Dr. A. Verma, Head, members of the Faculty of Business Management and Commerce, and other key office bearers of the University.

A review of the program's various facilities was conducted by the assessors. A thorough assessment of relevant accreditation documents was also conducted. During their visit, the visiting team met with a variety of stakeholders, including faculty, alumni, employers, parents, staff members, and students.

3rd International Conference on Machine Learning and Information Processing

The '3rd International Conference on Machine Learning and Information Processing (ICMLIP) -2023' was organized by the Faculty of Computing and Information Technology on 25-26th February. The prime objective of the conference was to focus on the applications of Machine learning and Information Processing in various fields.

The inaugural session was addressed and graced by General Chair Dr. Debabala Swain, Convenor Prof. H. Narayan, Guest of Honour Dr. Narottam Sahoo, Advisor, GUJCOST, DST, Govt and Prof. Madhulika Kaushik, Chief Guest of the conference and Vice-Chancellor of UMU.

The members of the Faculty of Computing and IT and members of the organizing committee were present during the conference. The conference was addressed by National and International keynote speakers. They have enlightened the sessions on various recent topics like 'Transition of Transportation with Technology', 'Deepfake Technologies', 'Idea Generation and Innovation to IPR', 'Fuzzy Sets based Methods and Recommender Technology', and many more.

There were several parallel sessions conducted on both days where authors from different countries presented their research papers. The papers presented during the conference will be published by a Scopus-indexed AIP publisher.

Students attend Global Entrepreneurship Summit 2023



The students of the Faculty of Business Management and Commerce attended the Global Entrepreneurship Summit 2023 from 3-5th February. It is one of India's largest inter-collegiate business summits, organized annually by the Entrepreneurship Cell of IIT Kharagpur. The leaders of the industry, based upon their own experience and journeys into entrepreneurship, provided insights on this one-of-a-kind platform. GES connects entrepreneurial entrepreneurs, venture capitalists, angel investors, new-age business owners, industrial specialists, academicians, and students. The Youth Forum serves as a platform to engage young minds and enable them to invent their ideas while giving them the power to speak up for themselves in groups of peers. A team of faculty members Mr. Manoj Kumar Sahoo, Ms. Shabana Bano, and Ms. Neha Kumari accompanied the students on the educational tour.

Audio editing software for radio production



A special lecture on 'audio editing software for radio production' was organized on 25th April by the Faculty of Journalism and Mass Communication. Mrs. Deepti Aggarwal, Senior Consultant, AIR, addressed the students about audio editing software like Sound Forge and Goldwave, their functions, and their importance in various mediums. She also delivered a hands-on session with students on audio editing and mixing for radio programs. Dr. Rupa Kumari and Mr. Amjad Hussain coordinated the workshop.

JHARKHAND NURSES REGISTRATION COUNCIL RENEWAL

The renewal of JNRC (Jharkhand Nurses Registration Council) was conducted on 25th February and all the relevant documents have been submitted to the State Registration Council for further process. The required details of the School of Nursing along with the renewal fees and the affidavit have been submitted to the state nursing council before 28th February. The state registration council has verified the entire document and listed the institute as recognized by JNRC for ANM, GNM, and BSc Nursing programmes. This first renewal was completed on 15 March.

INDIAN NURSING COUNCIL TEAM VISIT

Usha Martin University's School of Nursing completed its inspection by the Indian Nursing Council on 10-11th April, 2023. Prior to the physical inspection, an online inspection was conducted from 5-7th March, 2023.

The inspectors visited a number of clinical field areas as required for clinical requirements. The team also visited Divine Super Speciality Hospital, Devkamal Hospital, and Research Centre, and Swarnrekha Hospital, Ranchi. After this, they were given a tour of the girls' and boys' hostels within the campus premises. For rural community consultations, the team visited the Community Health Center, Angara, and UPHC Jagarnath, Dhurwa in the urban community. Psychiatric requirements were met at the Central Institution of Psychiatry, Kanke, Ranchi.

The team inspected the institution's infrastructure, and verified documents, student records, financial records, and yearly audit records. The three-day online inspection and two-day physical inspection were completed on 11th April.

Simulation-based Advanced Nursing Skills Lab Learning center at Usha Martin University.

School of Nursing, Usha Martin University set up its Simulation-based Advanced Nursing Skills Lab Learning Centre at the campus on 25th March. The Centre was inaugurated by Prof. S.C. Garg, Prof. M. Kaushik, and Dr. A. K. Mishra. Through the Simulation Centre, students are taught accurate decision-making skills with simulated scenarios, allowing them to experience their future roles and make clinical judgments under safe conditions. This includes high-fidelity simulators programmed to present a variety of realistic symptoms. Students have the opportunity to practice not only soft skills as they interact with patients, but also technical skills to effectively facilitate care.

A number of updates will be made to the Simulation and Experiential Learning Centres, including the purchase of electronic beds and special beds with side tables and monitors, an advanced management simulator for dealing with chest tubes, airway opening, cardiopulmonary resuscitation, electrocardiogram machines, simulations of pregnancy and labor, as well as two medium fidelities - full body manikins for advanced clinical education.

Workshop on Documentary Film-making



The Faculty of Journalism and Mass Communication organized a two-day documentary filmmaking workshop on 18-19th April. Mr. Raj Kishore Arya, a famous youth documentary filmmaker from Jharkhand, was the resource person for the workshop. On the first day of the workshop, J&MC students learned about writing scripts for documentaries and filmmaking techniques like direction and editing of the film. On the second day of the workshop, the students headed out for fieldwork and prepared a short documentary on brick kilns. Mr. Arya informed the students that documentary films are the most effective way to show the reality of various aspects of society and provide new employment. Dr. Rupa Kumari and Mr. Amjad Hussain coordinated the workshop.

Workshop on Visual Content Verification



A one-day workshop on 'Visual Content Verification' was organized by the Faculty of Journalism and Mass Communication in collaboration with Google News Initiative, India Training Network. Dr. Kirti Singh, GNI Trainer was the resource person for the workshop. The students learned about various tools to check viral visual content on the internet or social media and verify its veracity. While addressing the audience during the workshop, Prof. S.C. Garg said that this workshop would prove very insightful for journalism students as it would help them become cautious media professionals and open up new career possibilities for them. Dr. A. Mishra, Dr. L. Srivastava, Dr. Rupa Kumari, the Head, faculty members, and students were present at the workshop.

Workshop on Basic Introduction to Data and Questionnaire



The Faculty of Business Management and Commerce organized a lecture session under the Faculty Exchange Program on 5th April on the "Basic Introduction to Data and Questionnaire". Mr. K. Eswar Rao, Assistant Professor, Department of Vocational Studies (BBA) of Jamshedpur Co-operative College was the resource person for the event who briefed the students on questionnaire designs and data collection. BBA and B.Com. students attended the session along with the faculty members.

One-Day Seminar & Hands-on Training on Conventional Machines



The Faculty of Engineering and Applied Sciences conducted a one-day seminar on Virtual Manufacturing and hands-on training on conventional Machines on 20th April to equip students with the necessary knowledge in the field of machines. Dr Kaushik Kumar, Associate Professor, Department of Mechanical Engineering, BIT Mesra was the resource person for the seminar. Dr. Asim Ahmad, Mr. Modassir Khan, and Dr. Gaurav Kumar coordinated the seminar.

Awareness Campaign on Artificial Intelligence and Robotics



The Faculty of Computing and Information Technology organized an Awareness Campaign on Artificial Intelligence and Robotics on 14th December for the students of BCA, MCA, B. Tech (CSE), and Diploma (CSE). Dr. G. Abhinav from BUSSHIKE Solution was the resource person for the event. He introduced key concepts in artificial intelligence, defining critical terms, capabilities as well as current limitations of AI and robotics. Basic algorithms were also covered during the session.

The two sessions included multimedia resources to better elucidate the key concepts. The workshop was designed to cater to participants with any skill level in coding. The students showed keen interest in the workshop and gained hands-on experience in topics related to Artificial Intelligence. Overall, 150 students and 6 faculty members participated from the Faculty of Computing and Information Technology.

National Science Day Celebrations



The university celebrated National Science Day on 28th February by organizing various events such as science exhibition, poster making, painting, science quiz, and visual science quiz. Prof. M. Kaushik, Dr. A. K. Mishra, Prof. H. Narayan, Dr. L. Srivastava, Ms. R. Lal, and other dignitaries of the university were present at the event. Dr. S.S. Chakraborty, Mr. Samir Kumar Ojha and Mr. Shasanka Dev Bhuyan, Faculty of Engineering and Applied Sciences played a major role in coordinating the event.

Women's Day Celebrations



The Prevention of Sexual Harassment Cell (PSHC), UMU in collaboration with UBA and NSS celebrated International Women's Day – Aparajita 4.0 on 17th March. The female leaders of the villages adopted by the University were felicitated. The female students of the University and SHGs of the adopted villages set up stalls on hand-crafted products, Madhubani paintings, millets-based value-added products, floriculture-based jewelry, photo frames, and various food stalls. Prof. S. C. Garg, Dr. A. Verma, Chairperson PSHC, Dr. L. Satapathy, UBA coordinator, Mrs. Anuradha Munda, Zila Parishad member Angara West, Mrs. Sarita Tirkey, Mukhiya Salhan Panchayat, Mrs. Bimla Chaudhary, Upmukhiya Salhan Panchayat were present at the occasion.

Computer Literacy Program on MS Word, Python, and HTML Programming



A Computer Literacy Program on MS Word, Python, and HTML Programming was organized by the Faculty of Computing and Information Technology on 9th February for the students of S.S. High School, Childag. This program was organized in the Computer Lab of Usha Martin University, for the students who wanted to learn about basic computer skills and introduction to HTML programming. Hands-on sessions on Python & HTML Programming were delivered to the students.

Another Computer Literacy Programme on MS WORD was organized by the Faculty of Computing and Information Technology on 4th March for the students of Balkrishna High School, Ranchi. The session was delivered by faculty members and a hands-on session on MS Word was provided to participating students. Dr. Sharmishtha Roy, the Head, Faculty of Computing and IT coordinated the programme.

Celebration of World Earth Day



villages. The programme aimed at educating the students about the need of conserving natural resources and inspiring them to contribute to making the planet even more beautiful. An awareness campaign was initiated in the nearby villages to promote green measures and environment friendliness.

Additionally, a special assembly honoring Mother Earth was held, during which students performed passionate dances, thought-provoking skits, speeches, and melodic songs. The students were given a

platform to display their artistic and creative abilities through other activities like poster making, rangoli making, and art and crafts. Prof. M. Kaushik, Dr. A. K. Mishra, Dr.H. Narayan, Dr. L. Satapathy, Dr. A. Verma, Dr. D. Pandey along with other faculty members participated in the program.

World Laboratory Day Celebrated



The Department of Physiotherapy and Paramedical Sciences organized an event on the eve of World Laboratory Day wherein students performed dance, song, skit, and poem recitation. The theme of the day was “Future is Laboratory”. Food stalls were also put up by the students.

Prof. S.C. Garg, Prof. M. Kaushik, Prof. H. Narayan, and Dr. A. K. Mishra graced the occasion. The event was coordinated by Dr. Akanksha Anand Saxena, Head and faculty members of the department.

Health Camp on World Laboratory Day

The Department of Physiotherapy and Paramedical Sciences organized a free health check-up and pathological test camp exclusively for the university staff, students, and nearby villagers. The camp aimed to provide medical care for any physical ailments that the participants might be experiencing. The list of tests included blood sugar, blood pressure, blood grouping, and hemoglobin. The number of registered patients was 151.

Prof. S.C. Garg, Prof. M. Kaushik, Prof. H. Narayan, and Dr. A. K. Mishra participated in the camp. The event was coordinated by Dr. A. A. Saxena, Head and other faculty members of the department.

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