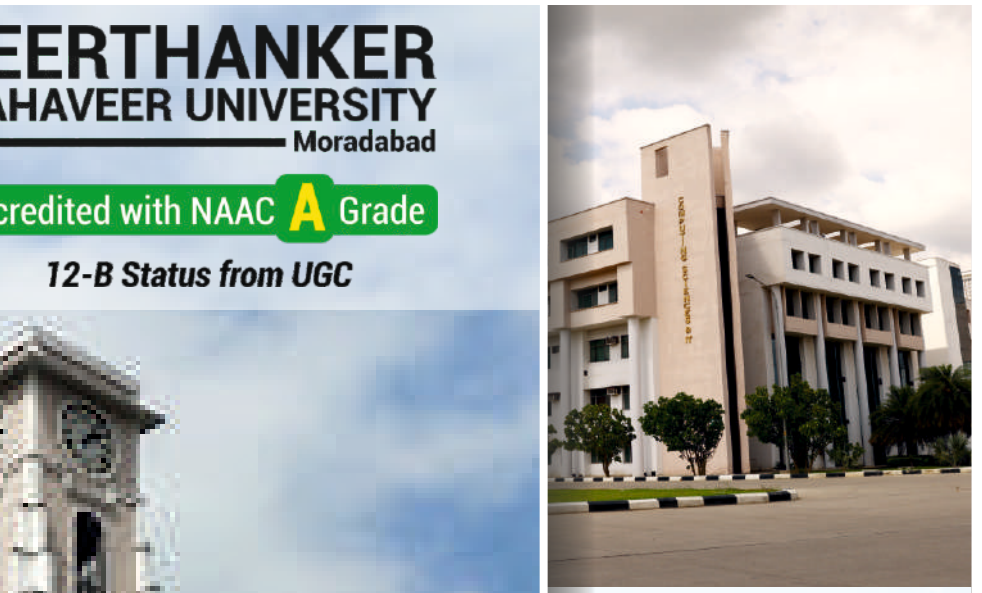












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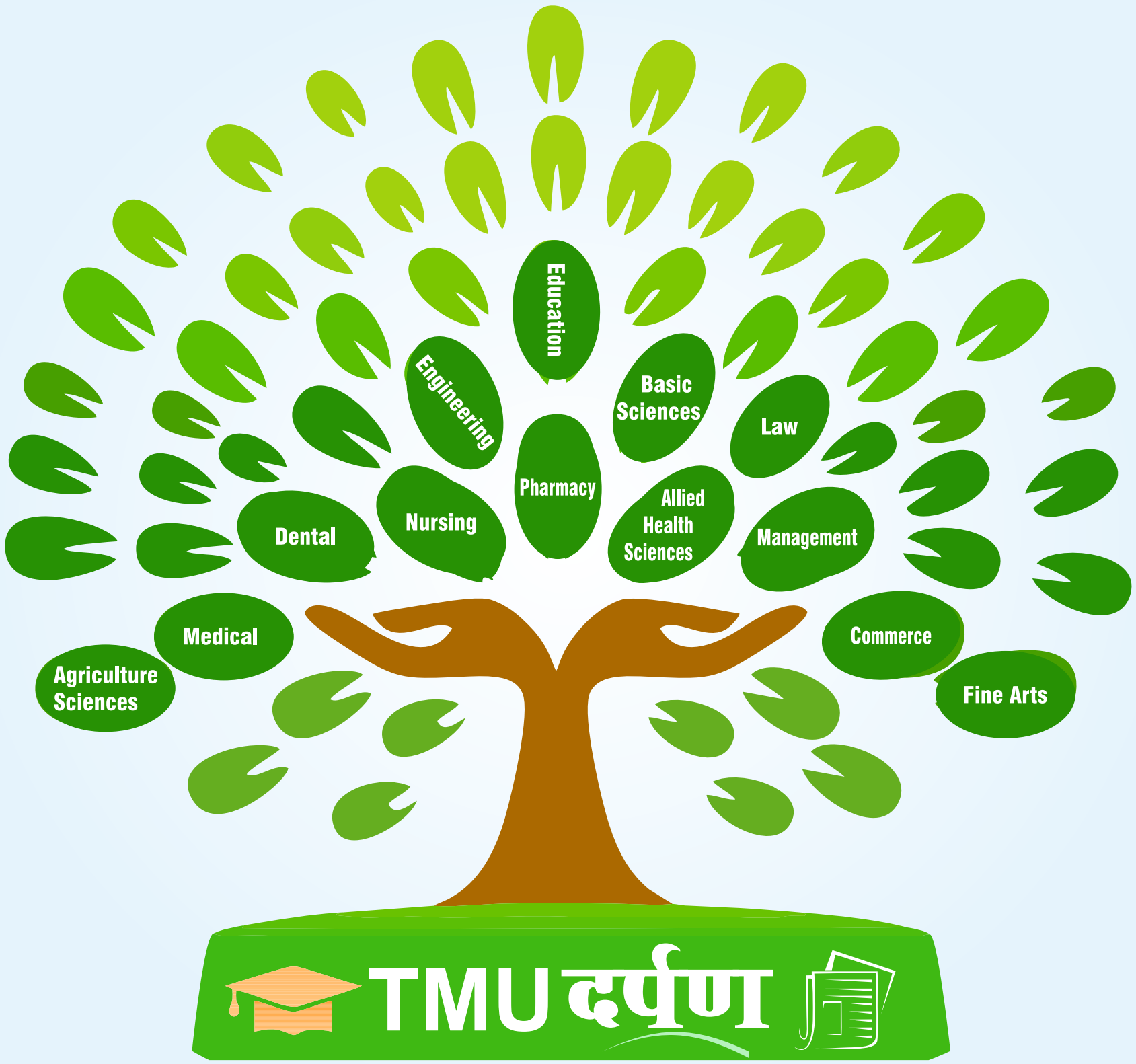
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TMU दर्पण

A QUARTERLY E-NEWSLETTER

Volume 1. Issue 1. April to June, 2024



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TMU दर्पण
A MONTHLY E-NEWSLETTER
April to June 2024

MILESTONE

TMU and ISRO come together...

April 03, 2024 TMU has embarked on an exciting new venture by partnering with the Indian Space Research Organization (ISRO) as a nodal center for ISRO's START program. The START program, designed for final-year undergraduate students, offers a unique opportunity to explore advanced space technologies and engage in cutting-edge research. TMU's Chancellor, Mr. Suresh Jain, GVC, Mr. Manish Jain, and The Executive Director, Mr. Akshat Jain, hailed the partnership as a significant milestone for the university, anticipating that it will usher in a new era of academic and research excellence. The Executive Director emphasized TMU's commitment to equipping students with the latest technological skills alongside traditional knowledge. Professor R.K. Dwivedi, Principal, CCSIT, has been appointed as the Center Coordinator. The START-2024 program, to be launched across educational institutions nationwide, aims to inspire youth towards career in space science and technology, preparing them to tackle global challenges. TMU meets the standards required by ISRO, providing modern facilities such as smart lecture halls, air-conditioned auditorium, and high-speed internet.



"Teerthanker Mahaveer University (TMU) is paving the way for thousands of students' dreams becoming a reality. TMU takes pride in hosting the country's highest academic and technical standards.

The university has gained recognition for its exceptional curriculum implementation in the rapidly evolving educational landscape. TMU is a research-oriented university committed to excellence across various disciplines. Our core values are respect, freedom, responsibility, and integrity, which drive our commitment to achieving success against all odds.

TMU DARPAN provides insights into the university's academic endeavours, showcasing a commitment to its prosperity. Congratulations on the launch of its inaugural E-Edition.

Mr. Suresh Jain
Hon'ble Chancellor



"Welcome to Teerthanker Mahaveer University. We represent a harmonious blend of rational and intuitive learning, underpinned by ethical principles and innovative strategies. Our institution facilitates the transformation of young learners from anonymity to renown, and from ignorance to a profound and enduring learning experience. Anchoring 'Academic Innovations,' as our guiding philosophy we are proud of our academic excellence and unwavering commitment to a global outlook. The launch of TMU DARPAN is a significant achievement and calls for hearty congratulations to the team. This newsletter will serve as a crucial milestone in highlighting and celebrating the academic accomplishments and progress of the institution. It is exciting to see the potential impact of this newsletter in showcasing the educational distinction and advancements within the TMU community.

Mr. Manish Jain
Group Vice Chairman



"It is with immense pride and pleasure that I welcome you all to the launch of the TMU DARPAN E-Newsletter a significant addition to the academic contributions of Teerthanker Mahaveer University.

This newsletter is the result of dedicated research and the unwavering commitment to excellence that defines our institution. At TMU, we believe in fostering a culture of knowledge, innovation, and intellectual curiosity.

TMU DARPAN embodies these values, offering new insights and perspectives that will undoubtedly enrich our understanding of various academic and research fields. It is a testament to the hard work and dedication of the team, whose expertise and passion have brought this project to fruition.

Mr. Akshat Jain
Executive Director

TMU is immersed in devotion to Lord Adinath



TMU Chancellor Suresh Jain & First Lady, Mrs Veena Jain, performed a devotional activity

TMU hosted a splendid celebration at Riddhi-Siddhi Bhawan to commemorate the birth-anniversary and Tapa Kalyanak Maha Mahotsava of Lord 1008 Shri Adinath Ji, the first Teerthanker of Jainism. The event featured a variety of devotional activities and was attended by distinguished personalities including Hon'ble Chancellor, Mr Suresh Jain, First Lady Mrs Veena Jain, GVC Mr Manish Jain, Richa Jain, Executive Director Mr Akshat Jain, and Mrs Jahnvi Jain. The festivities began with the Abhishek, Shantidhara, and Puja of Lord Adinath in the Jinalaya. TMU Vice Chancellor Prof. V.K Jain and other devotees participated in the ritualistic Abhishek and Shantidhara. Subsequently, the Ashta Dravya Pujan Vidhan took place. In the evening, the celebration continued with the Janma and Tapa Kalyanak Maha Mahotsava, which included the recitation of Adinath Chalisa. Dr. Archana Jain led the Bhaktamar Deep Vidhan, during which devotees worshipped Lord Adinath with 48 and 108 oil lamps. The highlight of the evening was the rocking of Lord Adinath's silver cradle, performed by the Chancellor's family. Several devotional Aartis were performed afterwards. The celebrations also featured lively performances of dandiya and garba dances by female disciples, accompanied by bhajans. The event concluded with the distribution of sugarcane juice as an offering to the attendees, making the end of a day of spiritual reverence and communal celebration.



GVC Manish Jain at Tapa Kalyanak Maha Mahotsava



"I am delighted to announce the release of TMU DARPAN E-Newsletter . This accomplishment highlights our commitment to innovation and excellence in education. Our shift towards digital resources shows our dedication in providing our academic community with easily accessible and advanced learning material. The E-Newsletter is a result of the hard work of our esteemed faculty, dedicated staff, and talented students. It reflects our institution's commitment to creating a lively environment for the exchange of ideas and the cultivation of intellectual curiosity. I want to express my sincere appreciation to everyone involved in this project. Your dedication and hard work have made this launch possible. I am confident that this E-Newsletter will be a valuable resource for our academic community and beyond.

Prof. V.K Jain
Hon'ble Vice-Chancellor



"We are pleased to announce the launch of our new academic E-newsletter, TMU DARPAN. This comprehensive resource is now available to all students, faculty, and staff members. The E-newsletter provides in-depth coverage of essential topics and subjects, addressing the academic needs of our institution. It is available in multiple formats to ensure compatibility across all devices. Regular updates will include the most current research and advancements. Accessing the E-newsletter will require the use of your university credentials. Be sure to have your university ID and password ready for the login process. To download or view the E-newsletter, refer to the instructions provided on the website. We believe that this e-newsletter will be a valuable resource for your academic studies and research. We truly appreciate your commitment to maintaining academic excellence.

Dr. Aditya Sharma
Registrar

TMU explained the Importance of The Great Festival of Democracy

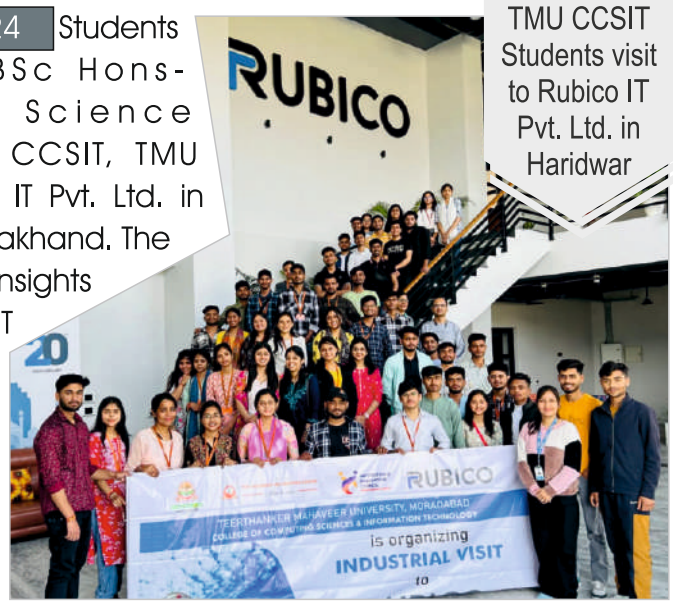


TMU Students taking oath to vote

April 08, 2024 The auditorium of TMU was abuzz with enthusiasm, as hundreds of students participated in a special program aimed at promoting voter awareness and engagement for the Lok Sabha elections. The program began with the ceremonial lighting of a lamp in front of Maa Saraswati. The event was graced by several prominent figures, including District Election Officer Mr. Manvendra Singh, Chief Development Officer Mr. Sumit Yadav, District Inspector of School, Dr. Arun Kumar Dubey, The Dean Student Welfare, Prof. MP Singh, District Basic Education Officer, Mr. Ajit Kumar, and District Ambassador Sveep, Moradabad, Mrs. Ritu Narang. TMU Chancellor, Mr. Suresh Jain, and Director of Administration, Mr. Abhishek Kapoor also attended the event. Faculty member Prof. (Dr.) Madhav Sharma conducted the program. District Magistrate, Mr. Manvendra Singh, emphasized the importance of voting and encouraged the students to spread awareness about the electoral process. Chief Development Officer, Mr. Sumit Yadav, expressed his concern about the lack of voter participation despite the significant efforts made to promote voting rights. District Icon Sveep, Mrs. Ritu Narang, reinforced the message of maximum voter participation. The program successfully inspired TMU students to embrace their role in the democratic process, reinforcing the significance of their participation in shaping the nation's future.

Students learned about Mobile App Development Technology

April 05, 2024 Students from the BSc Hons-Computer Science program at CCSIT, TMU visited Rubico IT Pvt. Ltd. in Haridwar, Uttarakhand. The visit provided insights into the IT industry and operational dynamics of a leading technology firm. Students engaged with company representatives and learned about web and mobile application development technologies, advanced web development, key industries, and placement opportunities. The visit was attended by 50 students and 2 faculty members, and it was organized under the guidance of Prof. Rakesh Kumar Dwivedi and managed by Dr. Neeraj Kumari and Dr. Priyank Singhal.



TMU CCSIT Students visit to Rubico IT Pvt. Ltd. in Haridwar



"The TMU DARPAN E-Newsletter serves as a notable platform that showcases the outstanding scholarly accomplishments within our university community. This publication not only signifies academic endeavors but also reflects our collective commitment to advancing knowledge, fostering critical thinking, and offering valuable insights within our field. The comprehensive research and analysis featured in TMU DARPAN exemplify the rigorous standards of scholarship upheld by our institution.

I extend my sincerest congratulations to the editors and everyone who contributed to the creation of this publication. Your dedication, perseverance, and enthusiasm are truly admirable. This publication will undeniably serve as an invaluable resource for students, faculty, and scholars around the globe, solidifying our university's standing as a centre of academic distinction.

Prof. Manjula Jain
Dean Academics



"I am pleased to present the inaugural edition of the TMU DARPAN E-Newsletter. In my capacity as the Editor-in-Chief, I have had the privilege of overseeing the development of this newsletter, and it is my great pleasure to share this significant achievement with all of you. TMU Darpan is the culmination of extensive research, collaboration, and unwavering dedication over several months and years. It represents a collective effort that unites a diverse array of perspectives and expertise from our esteemed authors. Each segment not only enriches our understanding of the subject/field but also underscores the university's inventive and scholarly contributions. The process of editing this publication has been a profound journey of exploration and education. I have personally witnessed the steadfast passion and dedication of our contributors, who have laboured diligently to produce this work that adheres to the most exacting academic standards. Their invaluable insights and discoveries will undoubtedly serve as a wellspring of inspiration and knowledge for readers in the years to come. Furthermore, I would like to extend my sincere appreciation to the university administration and the media cell for their unwavering support and provision of resources, which have been indispensable in

Prof. M.P. Singh
Dean Student Welfare

Atindra and Khushi won the speech competition



TMU Students at a speech competition

April 06, 2024

The Faculty of Education at TMU organized a speech competition with the theme "Adopting India's Rich Heritage: Integrating Indian Knowledge System in the Curriculum." The event aimed to explore how India's ancient knowledge can be integrated into modern educational practices. Atindra Jha and Khushi Mishra from BA-B.Ed. 4th semester, secured 1st place in the competition. Shikha Shukla of B.Sc.-B.Ed. 8th semester, achieved 2nd place, while Aman Saxena from M.Ed. 2nd semester, took 3rd place. The competition was inaugurated by Dean of Students' Welfare, Prof. MP Singh, Principal of the Faculty of Education, Prof. Rashmi Mehrotra, and other dignitaries. The jury for the event included Principal Prof. Rashmi Mehrotra and Principal of D.El.Ed., Dr. Kalpana Jain. The program was coordinated by Dr. Sugandha Jain. Chief guest Prof. MP Singh highlighted the potential for revolutionizing the Indian knowledge system through the





National Education Policy (NEP) 2020. Prof. Rashmi Mehrotra spoke about the timeless relevance of ancient Indian literature and its importance in modern education. Dr. Kalpana Jain underscored the competition's objective to deepen students' understanding of specific subjects within the Indian knowledge context. The event not only celebrated the students' achievements but also highlighted the ongoing relevance of integrating traditional Indian knowledge systems into contemporary education.



"We are delighted to announce the launch of our latest academic publication, the TMU DARPAN E-Newsletter. This newsletter signifies an important milestone in our university's unwavering commitment to scholarly excellence and academic innovation. The University has consistently served as a bastion of knowledge, fostering an environment where intellectual curiosity flourishes and pioneering research is cultivated. The E-Newsletter stands as a testament to the dedicated efforts, commitment, and expertise of our esteemed authors, researchers, and contributors, who have shared their knowledge and insights within its pages. The title of the newsletter offers a succinct overview of its content and focus, presenting new perspectives and valuable contributions to the field. It serves as evidence of our university's commitment to advancing knowledge and addressing the significant issues of our time. I extend my sincere gratitude to all involved in bringing this project to fruition. To our authors, thank you for your commitment to excellence. To our editorial team, your attention to detail has helped shape this publication into a work of great academic value.Wishing you a fulfilling learning experience!

Dr. Madhav Sharma
Editor



Excited students at Alumni Meet-2024 in TMU Auditorium

Honesty is the best policy: Hon'ble Chancellor

April 13, 2024 The Auditorium of TMU was a buzz with excitement as it hosted the Alumni Meet 2024, organized by the Faculty of Engineering (FOE). The event brought together over 175 alumni worldwide, and prominent national as well as multinational companies.

Hon'ble Chancellor, Mr. Suresh Jain, addressing the gathering, emphasized the importance of dreaming big to achieve greatness. He advised the alumni and students to uphold honesty, truth, and commitment in their professional and personal lives. He welcomed the alumni and introduced Executive Director, Mr. Akshat Jain. The program also featured inspiring speeches from various university leaders. Hon'ble Vice-Chancellor, Prof. V.K Jain motivated students and alumni. The principal of FOE, Prof. R.K. Dwivedi emphasized the role of alumni in inspiring current students. Joint Registrar of the alumni relation cell, Dr. Nikhil Rastogi also addressed the students. The event was well-coordinated by Dr. Gulista Khan. Over 250 students and faculty members of FOE and CCSIT were present. In the closing ceremony, the alumni were honored with mementos for their achievements and contributions marking the Alumni Meet 2024 as an unforgettable occasion.



Hon'ble Chancellor Mr. Suresh Jain, GVC Mr. Manish Jain, Executive Director Mr. Akshat Jain, and other faculty members

TMU Alumna, Dr Renu shared strategies for Effective Learning

April 15, 2024 TMU recently hosted an Alumni Talk on Education and Philosophy, featuring Dr. Renu Yadav, the Head of the Education Department at Hindu College, Moradabad. The event which was organized by the Faculty of Education and the Alumni Relations Cell, began with an inaugural ceremony where Dr. Yadav, ARC Joint Registrar Prof. Nikhil Rastogi, The Dean Student Welfare Prof. M.P. Singh and Faculty of Education Principal Prof. Rashmi Mehrotra were present.

Dr. Yadav, top scorer of TMU's first B.Ed batch and now a M.Ed graduate UGC NET passed, reflected on the essential role of philosophy in education. She emphasized that philosophy encompasses idealism, spiritualism, naturalism, and pragmatism. Responding to student queries, Dr. Yadav shared strategies for effective learning.

Prof. Rastogi lauded alumni as inspiration for current students, while Prof. Singh noted that the excellence in educational environment is reflected light through the institution's commitment to 100 percent student attendance. Prof. Mehrotra highlighted that hard work and dedication contribute to the institution's success and the lasting impact of its alumni. The program was attended by several faculty members, including Dr. Nahid B, Dr. Shashi Ranjan, Shri Gautam Kumar, Dr. Shivani Yadav, Dr. Pavas Kumar Mandal, and coordinated by student, Aman Saxena.



Dr. Renu Yadav receiving honor by Joint Registrar, Prof. Nikhil Rastogi, Dean Student Welfare, Prof. M.P. Singh and others

Lack of exercise can lead to a stroke : Dr. Ranjan

May 4, 2024 A two-day workshop on recent 'Advances and Rehabilitation in stroke' was organized by the Department of Physiotherapy. The workshop featured a talk by Dr. Prabhat Ranjan, a Senior Consultant Neurophysiotherapist from the All India Institute of Medical Sciences (AIIMS) Delhi. Dr. Ranjan discussed the rising number of stroke patients and highlighted factors such as improper diet, irregular lifestyle, physical labor, and lack of exercise like yoga as potential contributors to strokes. He emphasized that stroke can lead to damage around the brain and spinal cord, resulting in muscle stiffness and loss of bodily function. Dr. Ranjan also demonstrated the Neuro Development Treatment - NDT/Bobath Approach to address stiffness in different body parts.



Hpn'ble Vice Chancellor Prof. V.K. Jain addressing the students

TMU offers a joint degree with French University

April 24, 2024 TMU is set to enhance its global educational standing through a new international collaboration with Aivancity School for Technology, Business and Society, France. This partnership will introduce joint degree programs for TMU students, marking a significant milestone in the university's pursuit of world-class education. The collaboration will offer joint degrees in MSc-AI Engineering and MSc-Data Engineering, following a "one plus one" structure. Under this arrangement, students will spend their first year in TMU's campus and their final year at Aivancity School in France.

TMU's Hon'ble Chancellor, Mr. Suresh Jain and Group Vice Chairman, Mr. Manish Jain said that TMU has become the first university in Uttar Pradesh to launch such an international collaborative program. Executive Director, Mr. Akshat Jain highlighted that graduates of these programs will be eligible for a two-year work permit visa, providing access to diverse global career opportunities.

An MoU has been signed between TMU and Aivancity School. The introduction of these programs is expected to offer TMU students a promising 40-year career trajectory in emerging global technologies.

Tuberculosis (TB) spreads through the air

April 01, 2024 On World Tuberculosis Day, the NSS unit of the College of Nursing at Teerthanker Mahaveer University conducted a tuberculosis prevention and control program at the Junior High School in Kapasi village, Amroha. The initiative aimed to educate local residents through engaging activities. ANM students Khushboo and Ariba highlighted that tuberculosis spreads through the air and outlined its key symptoms. They also stressed the importance of early examination and the BCG vaccine as preventive measures against the disease. In addition, nursing students distributed stationery and refreshments to children at the school. The event was attended by Mrs. Kamaldeep Kaur, Ms. Jyoti, Mr. Satish Kumar of the Nursing College, and 40 students from various nursing programs. Dean of the Nursing College, Prof. SP Subhashini, Vice Principal, Prof. Jasleen M., and HOD, Dr. Ram Kumar also provided guidance and support during the camp.



TMU ANM Students at TB Awarenesss Camp

Team Sunshine excels in Vocabaddicts

April 17, 2024 The Centre for Teaching, Learning, and Development (CTLD) at TMU held its fourth Vocabaddicts event, designed to enhance students' vocabulary and communication skills. The name "Vocabaddicts" highlights students' commitment to improving their English fluency.CTLD trainers created a 25-page document featuring 1000 vocabulary entries essential for both professional and everyday use, covering categories such as Synonyms and Antonyms, Foreign Words, Business Terminology, Common Acronyms, One-word Substitutions, Idioms, Confusing Words, and more. Students across the university were encouraged to participate, resulting in 308 teams with 924 students getting registered. The Screening Round took place on April 6, 2024, using a PowerPoint Presentation with preset timers for a rigorous test conducted in smart classrooms and lecture hall. The top 70 teams then advanced to the Quarter Final Round on April 9, 2024, which featured a crossword challenge. From this round, the top 12 scoring teams moved on to the Semi-Finals along with 2 standby teams.The Semi-Final and Final rounds which were held on April 12th, 2024, at the University Auditorium, were attended by over 500 students and notable guests, including The Vice Chancellor Prof. Dr. V.K. Jain and Director of Student Welfare Prof. Dr. M.P. Singh. They praised Prof. R.N. Krishnia and his team for their dedication and recognized the students for their enthusiasm. The engaging questions sparked enthusiastic responses and applause. Unanswered queries were posed to the audience with rewards given for correct answers. The top six teams from the Semi-Finals advanced to the Grand Finale, which featured five rounds, including buzzer and rapid-fire segments. The event was anchored by Tullika Kumari (BSc Agriculture, 3rd year) and Ridhima Agarwal (BCA, 2nd year), along with the Quiz Master Mr. Ankit Sharma. Team Sunshine from B.El.Ed won first prize, followed by Team Falcons from B.A.B.Ed in second place and Team Vanguards from B.S.B.Ed in third. Each team received trophies, with prizes including Philips Speakers for the winners, Boat Bluetooth Speakers for the second place holders, and Boat Airdopes for the third ones. The Director CTLD, Prof. R.N. Krishnia, expressed gratitude to the dedicated trainers for their commitment to the event's success and emphasized the importance of teamwork. Chief Trainer Dr. Jasmine Stephen coordinated the event under the supervision of Deputy Director Dr. Dilip Dutt Varshney. The CTLD team, including Mr. Atul Dayal, Mr. Anant Bharadwaj, Mr. Ankit Sharma, and others, provided strong support, with assistance from Mr. Paras Sharma and Mr. Arpit. Additionally, 25 student volunteers from various colleges were recognized for their contributions.

TMU immersed in devotion to Lord Mahaveer

April 21, 2024 TMU hosted a grand celebration marking the 2623rd birth anniversary of the 24th Teerthanker, Bhagwan Mahaveer. The festivities commenced early in the morning with GVC, Shri Manish Jain and his wife Smt. Richa Jain hoisting the flag amidst traditional religious rituals in front of the university's Jinalaya. The Puja Archana was overseen by Pratishthacharya Rishabh Shastri, who traveled from Shikhar Sammedji for the occasion. The event was graced by the presence of Chancellor, Mr. Suresh Jain and First Lady, Mrs. Veena Jain, Executive Director, Mr. Akshat Jain, and his wife Mrs. Janhvi Jain among other dignitaries. Following the flag hoisting, a majestic procession began from the University's Jinalaya proceeding to Riddhi-Siddhi Bhawan. The procession enhanced by the divine melodies of Divya Ghosh featured anointing with Shriji using ornate silver and gold urns. It also included the Shantidhara performance, where participants used beautifully crafted golden and silver jars. Hundreds of devotees participated in the procession, which featured a grand chariot carrying the idol of Lord Mahaveer. The chariot was paraded through the TMU campus and highlighted the message of Ahimsa Paramo Dharma, and a Jainism flag was hoisted on the Army Military Tank. The two-hour procession featured lively Dandiya dances alongside traditional Rajasthani and Indian folk performances, enhancing the festive atmosphere. Notable figures such as University VC Prof. V.K. Jain, Dr. Karuna Jain, HR Director Mr. Manoj Jain, and various deans and directors were present at the Bhagwan Mahaveer Janma Kalyanak Mahotsav.



TMU Chancellor, Suresh Jain, First Lady, Mrs. Veena Jain, GVC, Manish Jain his wife, Mrs. Richa Jain, Executive Director, Akshat Jain his wife Mrs. Janhvi Jain at the procession

Non-violence is the supreme religion: Dr. Jain



Dr. Dharmchand Jain, Prof. V.K. Jain, and other faculty members during lamp lighting

April 12, 2024 The Center for Indian Knowledge Systems (IKS), TMU hosted an enlightening expert talk on the relevance of non-violence in everyday life. Renowned polyglot, Dr. Dharmchand Jain emphasised the pivotal role of non-violence in Indian tradition and its practical application in modern life. Dr Jain highlighted the significance of non-violence in Indian tradition, referencing the Mahabharata's adage, "Ahimsa Paramo Dharma," meaning "non-violence is the supreme religion." Dr. Jain's insights into the ethical and practical dimensions of non-violence provided valuable guidance for students and attendees, reinforcing the importance of maintaining purity and integrity in thoughts, words, and actions. The event was attended by The Hon'ble Vice-Chancellor, Prof. V.K Jain, Principal of the CCSIT, Prof. R.K. Dwivedi, Principal of FOE, Prof. Rashmi Mehrotra, Joint Registrar R&D, Dr. Jyoti Puri, and Dean Agriculture College, Prof. Praveen Jain.



Dr. Dharmchand Jain highlights Relevance of Non-violence

TMU will lead in translating Rare Jain Texts: Hon'ble Chancellor

April 26, 2024 At the National Chancellor and Vice Chancellor Conference in Delhi under the auspicious of Rashtra Sant Dr Guptisagar Muniraj, Shri Suresh Jain, Chancellor, TMU announced important upcoming initiatives for the university. Accompanied by Executive Director, Shri Akshat Jain and Hon'ble Vice Chancellor, Prof. V.K Jain, Chancellor shared that TMU will play a pivotal role in translating rare Jain texts from Prakrit into Hindi, English, and other languages. He emphasized that translating these ancient texts, originally written in Prakrit, will significantly benefit global Jain researchers and scholars. He described commitment as essential for personal and professional success, emphasising the need to align ambitious dreams with unwavering dedication to one's goals. He reaffirmed his commitment to following every directive from Munirajshree, underscoring the values of commitment and honesty.



Rashtra Sant Dr. Guptisagar Muniraj and TMU Chancellor Shri Suresh Jain

During the conference, held at the North Campus of Delhi University, The TMU's Hon'ble Chancellor was honored with a garland and presented with mementos. Munirajji also gifted a set of books to him and released several publications by Santshree.

In his address, Hon'ble Vice Chancellor Prof. V.K Jain highlighted the various welfare schemes at TMU designed to support Jain students, emphasizing the blend of hard work, technical knowledge, and moral character in education. Prof. Jain also touched upon the significance of the Guru in one's life and shared his thoughts through Sanskrit and Hindi poetry, linking Jain principles to the broader goal of a developed India.

The conference featured participation from notable figures including Mr. JC Jain of COER University-Roorkee, Dr. Sudha Malaiya, Chancellor of Eklavya University, and Prof. Yogesh Singh, Vice Chancellor of Delhi University, who served as the chief guest. Academicians from across the globe contributed to discussions on the impact of Jainism and philosophy on India's development. The event was conducted by Prof. Nalin K. Shastri. The conference showcased TMU's commitment to advancing Jain studies and fostering a culturally enriched educational environment.

Mr. Manas Jain Jain talked about career possibilities in Nursing



Manas Jain receiving honour from Nikhil Rastogi and others

April 27, 2024 Mr. Manas Jain, Team Leader of Nursing Services at the National Heart Institute, New Delhi, delivered an inspiring lecture to nursing students at TMU. As the Chief Guest at the Alumni Talk organized by the College of Nursing under the ARC, Mr Jain shared his valuable insights of the nursing field and the career opportunities available within it. Mr. Jain, expressing pride in his association with TMU, elaborated on the diverse job and career prospects in the nursing sector.

The event commenced with Mr. Jain, along with Dean of Nursing College Prof. S.P. Subhashini, Vice Principal Prof. Jasleen M., and Joint Registrar of ARC Prof. Nikhil Rastogi. The inauguration of Alumni Talk & lamp lighting ceremony by Mr Jain encouraged the students to excel in their studies and explore various competitive books to prepare for government jobs. In his address, Prof. Nikhil Rastogi offered a motivational speech to further inspire the students. Alumni Coordinators Prof. Ramniwas and Mr. Gaurav Kumar emphasized the importance of such events in broadening the students' perspectives and increasing genuine interest in the nursing profession.



Faculty members, interns, residents and nursing staff in training

Intensive Training of TB Mukt Bharat Campaign

April 27, 2024 Teerthanker Mahaveer Medical College and Research Center recently concluded a ten-days training program on tuberculosis (TB) under the National TB Disease Eradication Program (NTEP). The training was conducted in five phases and was attended by over 700 individuals including faculty members, interns, residents, and nursing staff. The comprehensive program covered essential aspects of TB. Dr. N.K. Singh, the Principal of Teerthanker Mahaveer Medical College and Research Center, emphasized on the severity of TB, highlighting that 28% of the world's TB patients are from India. The final day of the training featured a panel of distinguished guests, including Dean Academics Dr. Manjula Jain, Prof. S.K. Jain, Vice Principal, Prof. Preetpal Singh Matreja and Additional Medical Superintendent, Dr. V.K. Singh. Prof. Mazhar Maqsood, the Head of the Respiratory Department, who discussed advancements in TB treatment. Dr. Manisha Rajak facilitated the program which featured detailed presentations from various medical experts. The training received special support from Dr. Ankita Gupta, Dr. Devanshu Singh, Dr. Piyush Jain and Dr. Ashutosh Kumar, who played crucial roles in the organizing committee.



Prof. SK Jain and Prof. Seema Awasthi honors Prof. Shilpa

Prof. Shilpa received Famer Fellowship

April 30, 2024 Professor (Dr.) Shilpa Patrick from the Pharmacology Department at Teerthanker Mahaveer University's Medical College and Research Center has been honoured with the esteemed Famer Fellowship by the Famer Institute of Philadelphia, USA. The fellowship, awarded through Christian Medical College, Ludhiana, recognizes her exceptional achievements in medical education.

The Famer Fellowship is granted upon completion of a rigorous two-year blended course in medical education. Chancellor, Mr. Suresh Jain, Group Vice Chairman, Mr. Manish Jain and Executive Director, Mr. Akshat Jain praised Prof. Patrick's determination and described this accolade as a significant achievement. Director of Administration, Mr. Abhishek Kapoor, Principal of Medical College, Prof. N.K. Singh congratulated Prof. Patrick, for the first fellowship in medical education received by a faculty member from TMU Medical College.

The felicitation ceremony was attended by The Dean Academics Dr. Manjula Jain, Prof. S.K. Jain, Vice Principal, Prof. Preetpal Singh Matreja, HOD of Pathology, Prof. Seema Awasthi, Dr. Jaivallabh Kumar of Physiology, Dr. Ashish Chander and other esteemed faculty members.



The talent of future educators shined in TMU's Navrang

Various colours blended together in Navrang

May 02, 2024 The Faculty of Education at TMU recently organized Navrang 3.0, a lively cultural event that showcased the impressive talent of aspiring educators. The event took place in the university auditorium and was graced by distinguished guests, including First Lady, Mrs. Veena Jain, Mrs. Richa Jain, and several esteemed faculty members.

The ceremony began with a traditional lamp lighting in front of Maa Saraswati, led by Dean of Law College, Prof. Harbansh Dixit, Dean of Students Welfare, Prof. MP Singh, Vice Principal of Wilsonia College, Mrs. Jyotika Singh, Principal of the Faculty of Education, Prof. Rashmi Mehrotra, Dean of Nursing College, Prof. SP Subhashini, Chief Librarian, Dr. Vineeta Jain, Principal of Law College, Prof. SK Singh, Joint Registrar, Dr. Alka Agarwal, Mrs. Mohini Garg and Mrs. Gurmeet Kaur.

Dean Academics, Prof. Manjula Jain delivered an insightful speech on the essential qualities of a teacher and Prof. MP Singh welcomed the guests with a Tulsi plant as a token of appreciation. Principal, Prof. Rashmi Mehrotra expressed heartfelt gratitude to all guests and participants. The event was attended by the HOD of the Faculty of Education, Dr. Ashok Lakhera, Dr. Vinod Jain, Dr. Ratnesh Jain and AR Shri Deepak Malik, as well as students from B.Ed, M.Ed, B.Sc-B.Ed, B.L.Ed, and B.A-B.Ed programs.



Faculties welcomed First Lady Mrs. Veena Jain and Mrs. Richa Jain with a Tulsi plant



Students performed at TMU's Navrang



Dean Students Welfare Prof. MP Singh, Dr. Alka Agarwal, HOD Faculty of Education Dr Ashok Lakhera, Dr Vinod Jain, Dr. Ratnesh Jain, and AR Deepak Malik, with faculty members and students.



Dean Faculty of Law Prof. Harbansh Dixit & Principal Prof. Sushil Singh presenting memento to the speakers and guests

Cyber Security Essential: Prof. Singh

May 04, 2024 A cyber security session was conducted by Prof. Amit Singh, Dean of the Faculty of Legal Studies at Mahatma Jyotiba Phule Rohilkhand University, Bareilly, as part of the Authors Talk Series-04, organized by the Central Library and College of Law and Legal Studies at Teerthanker Mahaveer University (TMU), Moradabad. The event was held under the National Digital Library initiative. Prof. Singh, the keynote speaker, discussed the origins of the term 'cyber' and emphasized the growing importance of data protection in the digital age. He highlighted the need to safeguard personal data across various social media platforms. He covered technical aspects of data security and an overview of the Information Technology (IT) Act, especially regarding platforms like Facebook. The session also explored laws regarding cyber security and copyright, providing students with valuable insights into data privacy. Prof. Singh's address highlighted crucial aspects of cyber security legislation, making the audience aware of the complexities surrounding personal data protection in the modern digital landscape. The event began with a formal inauguration ceremony led by Prof. Harbansh Dixit, Dean of TMU Law College, Prof. Sushil Kumar Singh, Principal and other dignitaries. A traditional lamp-lighting ceremony and floral tribute to Maa Saraswati marked the start of the session. In his opening remarks, Prof. Dixit discussed cyber security in-depth and educated students on the significance of International Labor Day.

The event concluded with a Q&A session, where students actively participated, addressing their queries and concerns about cyber security. Prof. Amit Singh, known for authoring 20 books on cyber law, including his widely regarded work, Cyber Jurisdiction Data Protection and Cyber Security, was recognized for his scholarly contributions. At the end of the session, speakers and guests were presented with mementos as a token of appreciation. The session was attended by faculty members, including Dr. Vinita Jain, Chief Librarian and Program Coordinator, Prof. Manish Yadav, Prof. Sushim Shukla, Mr. Utkarsh Agarwal, and other dignitaries. Hundreds of students from the Law College were also present, contributing to the event's resounding success.

FDP on Wellness Protection and Health Insurance

May 7, 2024 The College of Management at Teerthanker Mahaveer University (TMU) organized a state-level Faculty Development Program (FDP) titled "Wellness Protection: Educator's Health Insurance Primer". The event focused on raising awareness about health insurance and protection specifically for educators. The aim was to provide valuable insights into wellness benefits and coverage options. The FDP featured two prominent speakers from Niva Bupa Health Insurance Co. Ltd., Moradabad: Mr. R. P. Singh, Branch Manager, and Mr. Vishal Kumar, Senior Business Development Manager. Both experts provided an in-depth overview of health insurance plans, addressing the specific needs of educators and the importance of safeguarding personal well-being through comprehensive insurance policies. Dr Rahul, the program coordinator, ensured the smooth execution of the event, which provided educators with the knowledge to make informed decisions about their health insurance plans. This contributes to their overall wellness and financial security. This FDP reflects TMU's commitment to enhancing the well-being of its faculty by empowering them with essential knowledge on health protection.

TMU B.Sc-B.Ed. trainees set a New Benchmark

April 10, 2024 Four B.Sc-B.Ed. Integrated Courses trainees at TMU's Faculty of Education achieved impressive ranks in the 2024 Joint Entrance Examination for Masters (JAM) organized by IIT Madras. Aarzoo Sharma secured the 49th rank in Mathematics, Abhishek Kumar acheived the 751st position, Mayank Sharma obtained the 1037th rank in Physics, and Deeksha Gupta earned the 1875th rank in Chemistry. Their outstanding performance highlights their dedication and academic excellence, bringing significant recognition to the university. TMU's Dean of Student Welfare, Prof. MP Singh, expressed optimism that the BSc-B.Ed. Integrated Courses will set new standards in the country's educational tradition offering promising future opportunities for the students.



TMU B.Sc-B.Ed. Trainees with Dean Students Welfare Prof. M.P. Singh

Dr. Sanya Jain won multiple awards at the Radiology Conference 2024

May 8, 2024 Dr. Sanya Jain, a resident at the Department of Radiology, Teerthanker Mahaveer University (TMU), received two prestigious awards at the SRMS Advanced Imaging and Interventional Radiology Conference 2024. The conference was hosted by Shri Ramamurti Smarak Institute of Medical Sciences (SRMS) under the Indian Radiology and Imaging Association (IRIA) in Bareilly Sambhaang. During the two-day event, Dr. Jain won first place in the Oral Paper Presentation category for her groundbreaking research on the correlation of optic nerve sheath diameter with ultrasonography and CT in patients with head injuries. Her study introduced a new method for assessing brain pressure in patients who cannot undergo CT scans by using ultrasound as a reliable diagnostic tool. Additionally, Dr. Jain secured third place in the poster competition for her research on a rare blood vessel cluster formation in the small intestine, diagnosed through CT scan angiography.

The conference also recognized Dr. Aishwarya Pandey, a second-year MD resident from TMU, for her impressive achievement in securing third place in the Oral Paper Presentation. Her research focused on the use of high-resolution ultrasound and sonoelastography to evaluate plantar fascia in diabetic patients, providing a non-MRI diagnostic method for foot pain and swelling.

The event included 25 oral presentations and over 35 poster presentations, with participation from 140 delegates and 18 senior faculty members from various medical institutions. Prof. Rajul Rastogi, Senior Radiologist at TMU, chaired the session and served as a jury member for the oral presentations. Subharti Medical College secured first place in the quiz competition, followed by SRMS, Bareilly in second place. Certificates were awarded to all winners and participants, marking the success of the event in advancing radiological science and innovation.



Dr. Sanya Jain received two prestigious awards at the SRMS Advanced Imaging and Interventional Radiology

71-Year-Old Neeta Jain donated her body to TMU Medical College



71-year-old Neeta Jain

May 10, 2024 71-year-old Neeta Jain from Moradabad, generously donated her body to the Teerthanker Mahaveer Medical College and Research Center (TMU). This selfless act serves as an example of humanitarianism and community service. Neeta Jain's body will be utilized by the Anatomy Department of TMU Medical College for research and dissection, providing valuable learning opportunities for medical students. Neeta Jain expressed her desire to donate her body for the advancement of medical science in a resolution letter. Her son, Anshul Jain, highlighted that her decision aligns with the family's values of compassion and societal contribution, carrying on the legacy of her late husband, Rakesh Jain. Prof. S.K. Jain, Dean of Academics at TMU Medical College, emphasized the significance of cadaver donations for medical education and advancements. He highlighted the value of hands-on experience with human anatomy in understanding medical procedures and internal deficiencies. Mr Anil Gupta, Chief Manager of Administration at TMU, reiterated that body donation for medical research is a noble act, known as Mahadaan or "the greatest donation." It was also mentioned that according to NMC standards, one cadaver is required for every ten medical students, underscoring the immense value of body donations like Mrs Jain's. Mrs Neeta Jain's generous act will undoubtedly contribute to the education of future doctors and the progress of medical science, leaving a lasting legacy in both her family and the medical community.

Paramedical students from TMU visited Amrita Institute of Medical Sciences



Paramedical students at Amrita Institute of Medical Sciences

May 14, 2024 Second-year students of Bachelor of Medical Laboratory Technology (BMLT) from the College of Paramedical Sciences at Teerthanker Mahaveer University (TMU) had the opportunity to visit the Amrita Institute of Medical Sciences and Research Center in Faridabad. The visit aimed to provide the students with hands-on experience in the latest medical and diagnostic technologies. During the visit, the students had the chance to explore the institute's advanced automatic laboratory systems to understand their functioning and their role in modern medical diagnostics. They were introduced to cutting-edge innovations, such as pneumatic capsules for efficient sample transfer and Aptio automation systems that enhance diagnostic testing capabilities. Additionally, the students gained insights into the quality control processes involved in clinical laboratories. This included learning about the Advia Autoslide for haematology, centrifuges used in biochemistry, and robotic tools for sample identification. The students were also introduced to advanced techniques such as Masterclave for agar preparation, multiplex PCR for tuberculosis diagnosis, and flow cytometry for cellular analysis.

The visit provided the students with a comprehensive understanding of medical diagnostics and the use of the latest technologies in the field of laboratory sciences.

TMU Dental Students Raise Awareness of Tobacco Dangers

June 01, 2024 On World No Tobacco Day, dental students from Teerthanker Mahaveer University (TMU) organized an event to educate people about the harmful effects of tobacco. They performed a play to illustrate the serious consequences of tobacco use, especially among students, and also provided oral cancer screenings for 125 patients. Specialists offered counseling to help patients quit tobacco, emphasizing the importance of setting a quit date, identifying personal triggers, and adopting healthier lifestyle habits. The event received praises from key figures including the Dental Acting Principal Dr. Pradeep Tangade, Vice Principal Dr. Ankita Jain, and Dr. Vikas Singh from the Department of Public Health Dentistry, who commended the students' efforts in raising awareness about the dangers of tobacco.



TMU Dental Students expressed happiness after the successful event



Dental students explained the demerits of tobacco by performing a play

Veda Mantras rooted in Mathematics: AMEA 2024 Conference



Vice Chancellor Prof. V.K. Jain illustrating the practical utility of mathematics

May 06, 2024 The National Conference on Ancient Mathematics and its Emerging Areas (AMEA 2024) was hosted by the Mathematics Department of the Faculty of Engineering at Teerthanker Mahaveer University (TMU). The conference highlighted the deep connections between ancient mathematical concepts and modern science, with participation from 87 researchers across 10 states. It featured 63 research papers and multiple enlightening presentations.

Professor Dr. Rashmi Bhardwaj from Guru Govind Singh Indraprastha University, New Delhi, delivered a compelling keynote address. She explored the mathematical foundations of Vedic mantras and the fractal theory underlying ancient Indian temple designs. Dr. Bhardwaj highlighted the remarkable precision of ancient Indian mathematicians, who, aligned eight Shivlingas in India along a straight line without the aid of Modern GPS. Her presentation also included mathematical modeling related to COVID-19 and emphasized the omnipresence of mathematics in nature.

TMU's Hon'ble Vice Chancellor, Prof. V.K. Jain opened the conference by illustrating the practical utility of mathematics with relatable examples, such as cricket statistics. Dr. Nagendra Kumar from MMH College, Ghaziabad, discussed the application of differential equations to determine the Earth-Sun distance and other solar parameters. Prof. RK Dwivedi, Conference General Chair and Director of FOECS, praised the Indian invention of zero as a cornerstone of mathematics and computing, acknowledging the contributions of historical figures like Aryabhatta and Bhaskaracharya.

The conference, inaugurated by Dr. Bhardwaj, Prof. Jain, and other dignitaries, also included 15 oral presentations during technical sessions and the release of conference proceedings. The event concluded with a valedictory session where all participants were honored with certificates and mementos. Dr. Abhinav Saxena, Conference Organizing Secretary, expressed gratitude to all contributors and attendees, reflecting on the conference's success in bridging ancient mathematical wisdom with



Chief Guests, TMU Hon'ble VC, and others faculty staff at AMEA 2024 hosted by Faculty of Engineering, TMU



Audience during the Conference

TMU Celebrated 10th International Yoga Day with Enthusiastic Participation



TMU Yogamaya on Yoga Day

June 21, 2024 Teerthanker Mahaveer University (TMU) celebrated the 10th International Yoga Day with an energetic and interactive yoga session at the Indoor Sports Stadium. Hosted by the TMIMT College of Physical Education, the event attracted participants of all ages, with a goal of promoting yoga as a means to enhance both physical and mental well-being in daily life. The opening ceremony was led by Prof. MP Singh, Dean of Students Welfare, who served as the chief guest. In his speech, Prof. Singh emphasized the importance of integrating yoga into everyday life, stating, "Yoga is a way of life." It helps us find balance in our busy lives and connect with our inner selves. We should pledge to make yoga a part of our daily routine for a healthier and happier life. Prof. Manu Mishra, Principal of the College of Physical Education, also attended the event, which featured a comprehensive yoga session led by Mr. Amit Sharma, an experienced yoga facilitator. Participants engaged in various yoga postures (asanas) and breathing exercises (pranayamas), including Surya Namaskar, Trikonasana, and Halasana, as well as calming techniques like Sheetali Pranayama, Sheetkari Pranayama, Anulom-Vilom, and Bhramari Pranayama. The session was attended by hundreds of students and fitness enthusiasts aiming to introduce both traditional yoga practices and modern fitness routines. The lively atmosphere made it a memorable experience for participants, who were encouraged to incorporate these practices into their daily routines for better health and fitness. Following the session, a panel discussion took place, where experienced yoga trainers shared their journeys with yoga and its positive impact on their lives. They also addressed questions from the audience, providing insights into how yoga can improve mental clarity, emotional stability, and physical health. Key figures in the yoga program included Dr. Madhusudan Chakraborty, Mr. Tauheed Akhtar, Mr. Unmesh Uthasani, Mr. Mukesh Kumar and Mr. Shekhar Raghav. Students and faculty from various colleges of TMU actively participated, demonstrating the university's strong commitment to promoting health and wellness through the practice of yoga. The event emphasized that yoga is a universal practice, beneficial for all, and can be seamlessly incorporated into daily life.

National-Level Guest Lecture on Startup : Legal and Ethical Steps

May 21, 2024 The College of Pharmacy at Teerthanker Mahaveer University (TMU) organized a national-level guest lecture titled "How to Plan for a Startup: Legal and Ethical Steps." The event featured Mr. Alol Panday as the resource person, who provided valuable insights into the legal frameworks and ethical considerations necessary for launching a successful startup. Dr. Mukesh Singh Sikarwar served as the program coordinator, ensuring the smooth execution of the event. The lecture aimed to guide aspiring entrepreneurs and pharmacy professionals through the key legal processes involved in establishing a startup, while also highlighting the ethical responsibilities that come with running a business in the healthcare and pharmaceutical sectors.

National-Level Workshop on Career Opportunities in Fine Arts

May 1, 2024 The College of Fine Arts at Teerthanker Mahaveer University (TMU) hosted a national-level workshop on Career Opportunities in Fine Arts. The workshop featured Ms. Swati Arya, Founder of Kalakaar Art Studio in New Delhi, as the main speaker. Ms. Arya shared her extensive experience and knowledge about various career paths in the fine arts industry, providing insights into both traditional and modern opportunities for aspiring artists. Vaibhav Jha coordinated the event, which aimed at helping students understand the diverse prospects in fields such as visual arts, design, digital media, and art entrepreneurship. The workshop guided attendees on how to turn their passion for art into a sustainable and fulfilling career. This event showcased TMU's commitment to nurturing creativity and assisting students in pursuing successful careers in the ever-changing realm of fine arts.

Dr. Ashendra Kumar Saxena published Groundbreaking Research Paper on Medical Image Segmentation in Healthcare

Dr. Ashendra Kumar Saxena, a renowned academician and researcher, has made a significant contribution to the field of healthcare technology by publishing his latest research paper, "Residual Learning for Segmentation of Medical Images in Healthcare." The paper was published in the prestigious journal Measurement: Sensors in its 32nd volume.

This research introduces advanced methods for residual learning, specifically designed to improve the segmentation of medical images. Medical image segmentation plays a critical role in enhancing diagnostic accuracy, treatment planning, and patient outcomes. Dr. Saxena's work offers new insights into how deep learning techniques can be applied to healthcare systems, potentially revolutionizing medical imaging processes.

The Journal Measurement: Sensors, is indexed in the Science Citation Index (SCI), further highlighting the impact and quality of this research. The paper's gains additional recognition in the global scientific community by being indexed in SCI, ensuring wide visibility and credibility.

Dr. Saxena's contribution continues to push the boundaries of medical imaging technology, offering promising advancements for both clinical practice and research.



'EXPERT TALK' on E-Mobility and Mango Disease Management

April 16 to 17, 2024 The Faculty of Agriculture Sciences at Teerthanker Mahaveer University (TMU) organized an insightful program "EXPERT TALK' in collaboration with UPMKB Malaysia. The program was held online on the theme "Trees, Tech, and Tradition." It aimed to bring together experts to discuss the intersection of technology and traditional agriculture practices. The event covered topics related to Faculty Development Programs (FDP), Student Development Programs (SDP), and Management Development Programs (MDP), offering valuable knowledge and professional insights to participants. Additionally, the Faculty of Agriculture Sciences participated in a live TV program broadcasted from the National Institute of Open Schooling (NIOS) Studio in Noida, Uttar Pradesh. The program, "Mango Diseases: Understanding, Prevention, and Management," was broadcast across five countries via channels such as Doordarshan (DD) and PM e-Vidya.

The live event focused on educating viewers about the various diseases that affect mango crops and offering practical guidance on prevention and management strategies. It also highlighted the department's recent extension activities, showcasing faculty members from TMU as guest speakers at various institutes and universities. These initiatives demonstrate TMU's ongoing commitment to expanding agricultural knowledge and contributing to the global dialogue on sustainable practices in farming. Both the 'EXPERT TALK' and the live TV program reflect the proactive role TMU's Faculty of Agriculture Sciences is playing in enhancing agricultural education and outreach by utilizing both traditional knowledge and cutting-edge technology to

Dr. Anil Kumar Singh published Research Paper on Solvent Effect in Chemistry

Dr. Anil Kr. Singh, a respected scholar in the field of chemistry, has published his latest research, "Solvent Effect," in the Asian Journal of Research in Chemistry, Volume 16. This work provides an in-depth analysis and exploration of solvent effects, which play a critical role in chemical reactions and processes across various industries.

The study sheds light on how different solvents influence reaction rates, outcomes, and mechanisms, contributing Valuable knowledge to academic research and practical applications in chemistry. The paper is expected to be beneficial for researchers, industrial chemists, and educators alike.

The Asian Journal of Research in Chemistry is indexed in the Indian Citation Index (ICI), which ensures that the research will receive considerable exposure in academic circles, particularly within the Indian scientific community.

Dr Singh's continued contributions to the field of chemistry highlight his commitment to advancing understanding in this important area of research.

Dr. Nuparam Chauhan published Pioneering Research Paper on Cloud Intrusion Detection Systems

Dr. Nuparam Chauhan recently published a significant research paper, "Hybrid One-Dimensional Autoencoder and Ensemble of Gradient Boosting for Cloud IDS" in the highly regarded journal Concurrency and Computation: Practice and Experience, Volume 36.

This research presents a novel approach to cloud Intrusion Detection Systems (IDS) by integrating a one-dimensional autoencoder with an ensemble of gradient-boosting techniques. The study offers an innovative solution to the rising demand for robust security mechanisms in cloud computing environments, tackling the escalating threats and vulnerabilities faced by modern digital infrastructures.

Published in a Science Citation Index (SCI) journal, Dr. Chauhan's work is poised to substantially impact the academic community and the tech industry, providing new avenues for developing more secure cloud systems.

Dr. Chauhan's continued research in cybersecurity demonstrates his commitment to enhancing the reliability and safety of cloud-based services, which are crucial in today's technology-driven world.

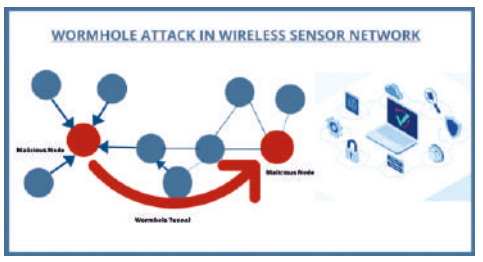
Dr. Parag Agarwal and Abhinav Kumar released Survey Report on Securing ZRP Protocol Against Wormhole Attacks

Dr. Parag Agarwal and Abhinav Kumar, prominent figures in network security research, have published a comprehensive survey report "Secure ZRP Protocol Under Wormhole Attack: A Survey Report" in the Industrial Engineering Journal, Volume 52.

The paper delves into the vulnerabilities of the Zone Routing Protocol (ZRP) in the face of wormhole attacks, a critical issue in network security. Their survey examines existing solutions and offers insights into securing ZRP, which is commonly used in wireless and mobile ad-hoc networks. With the increasing importance of cybersecurity, particularly in industrial and large-scale networks, this research is timely and relevant for professionals and researchers alike.

Published in a journal listed under UGC - Care, the study is anticipated to reach a broad audience in both academic and industrial circles, further enhancing its impact.

Their work continues to address pressing challenges in cybersecurity, contributing to the development of more strong and secure network protocols.



Dr. Priyank Singhal published study on Student Academic Performance Using Machine Learning

Dr. Priyank Singhal, a specialist in educational data analytics, has published a research paper, "Analysis of Student Academic Performance using Machine Learning Algorithms - A Study" in the Journal of Jilin University (Engineering and Technology Edition), Volume 43.

This research explores the application of machine learning algorithms to assess and predict student academic performance. By analyzing data-driven insights, the study aims to identify key factors that influence academic success and provide strategies for improving educational outcomes. With the growing relevance of artificial intelligence and machine learning in education, Dr. Singhal's work highlights how technology can be leveraged to enhance learning processes.

The journal is indexed in Scopus, ensuring that the research will gain visibility within the global academic and technology communities. The paper's findings are expected to be of significant interest to educators, researchers, and policymakers focused on educational advancements.

Dr. Singhal's contribution represents a forward-thinking approach to combining technology with education, offering new methods to improve student performance and overall academic achievement.

Dr. Vinod Kumar Jain, Dr. Ranjeet Singh, Ms. Ruby Sharma and Dr. Shivani Yadav granted Patent for Interactive Online Learning Device

A team of innovators, including Dr. Vinod Kumar Jain, Mr. Ranjeet Singh, Ms. Ruby Sharma, and Dr. Shivani Yadav, has been granted a national patent for their groundbreaking invention, "Device for Interactive Online Learning". The patent, application number 410422-001, was officially granted on May 2, 2024.

This innovative device aims to transform the online learning experience by enhancing interactivity, engagement, and ease of use for both students and educators. As online education continues to gain importance, this device addresses key challenges in the sector by offering advanced features designed to improve the overall learning environment.

The patent being granted underscores the significance of the team's work, marking a significant milestone in educational technology.

Rishi Saxena published Comprehensive Book on Management and Organizational Behaviour

Rishi Saxena, an expert in management studies, has released a new book "Management and Organizational Behaviour," through Sri Bharani Publications, Coimbatore. The book, bearing ISBN 978-81-970432-9-1, offers an in-depth exploration of essential principles in management and organizational behavior, making it a valuable resource for students, academics, and professionals alike.

In this publication, Saxena addresses key topics such as leadership, motivation, team dynamics, and organizational culture, providing practical insights into how effective management can drive organizational success. The book is designed to serve as an academic reference as well as a practical guide for those looking to deepen their understanding of management practices in today's dynamic business environment.

Rishi Saxena's work continues to contribute to management education, equipping readers with the knowledge and tools needed to navigate the complexities of organizational behavior.





Patent for Smart E-Learning Display Device : Dr. Vinod Kumar Jain

Dr. Vinod Kumar Jain has been granted a national patent for his innovative invention, the "Smart E-Learning Display Device," under the patent application number 410674-001. The patent was officially granted on May 2, 2024.

This cutting-edge device is designed to enhance the e-learning experience by providing a more interactive and user-friendly display C.interface, tailored specifically for online education. The Smart E-Learning Display Device offers innovative features aimed at improving student engagement and accessibility in the digital learning environment, making it a valuable tool for both learners and educators.

The granting of this patent underscores Dr. Jain's contribution to the evolving field of educational technology, reinforcing his commitment to advancing tools that support modern learning methodologies.



TMU DARPAN

Teerthanker Mahaveer University

Address : N.H.-9, Delhi Road, Moradabad - 244001, Uttar Pradesh

Phone : 0591-2476831 (DSW) | Email : tmudarpan@tmu.ac.in | Website : www.tmu.ac.in