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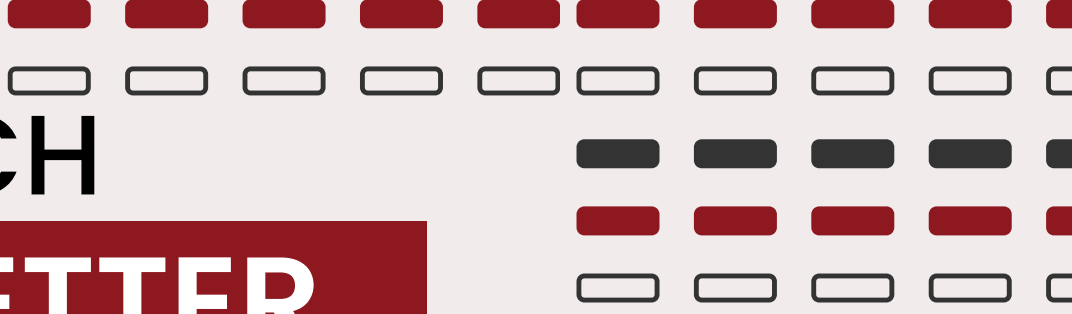
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RESEARCH NEWSLETTER

Hyderabad Campus Research Initiative!



RESEARCH NEWSLETTER



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Reflection

Dr. Siddhartha Ghosh, Director NMIMS, Hyderabad To Illuminate Future of Learning at 7th Higher Education Summit



In the fast-paced landscape of higher education, staying ahead of the curve was not just an aspiration but a necessity. In this spirit, the 7th Higher Education Summit unfolded, promising to be a melting pot of groundbreaking insights, visionary discussions, and a glimpse into the future of learning. Organized in association with TSCHE and supported by the Government of Telangana, the summit was poised to redefine the paradigms of academia. At the 7th Higher Education Summit, all eyes were on Dr. Siddhartha Ghosh, Director of NMIMS Hyderabad, as he took the stage to shed light on 'The Future of Learning Driven by Artificial Intelligence and Machine Learning.'



Dr. Ghosh promised to unveil groundbreaking insights into how AI and ML were reshaping the educational landscape.



Dr. Siddhartha Ghosh, Director of NMIMS Hyderabad, delivered an enlightening talk at ICFAI Agartala University on December 18, 2023. Focusing on Artificial Intelligence and Machine Learning (AI/ML), Dr. Ghosh highlighted their transformative impact on education.



Dr. Siddhartha Ghosh at ICFAI, Agartala



Pushing boundaries, forging the future: R&D at its finest.



Innovative Pioneers

NMIMS STME Hyderabad's M. Vaishnavi and Pavithra Sevakula impressed at the ACM India Winter School 2023, chosen from over 400 female applicants for their expertise in "Data Science for Social Good." Held at SRM Institute of Science and Technology, Chennai, the ten-day program delved into cutting-edge data science topics.

STME Hyderabad Students Shine at ACM India Winter School



Mentored by Prof. Wasih Tasneem, NMIMS Hyderabad faculty the duo enhanced their skills and networked with peers. Their success underscores NMIMS Hyderabad's commitment to empowering future data scientists. Vaishnavi and Pavithra's achievements represent a significant stride for Indian women in engineering, promising a brighter future for data-driven social innovation.

SPTM Chaitravi's Achievement: Bridging Paper to Pixel

SPTM NMIMS's Chaitravi's outstanding presentation on "Paper to Pixel: Implementing Electronic Instruction for Use (eIFU)" secured her the 3rd position at the national conference organized by St. Paul COP. Held under the theme of "Healthcare Tech Revolution: Pharma IT Insights," the conference provided a platform for insightful discussions.



Dr. Vijay's mentorship undoubtedly played a crucial role in Chaitravi's success, highlighting the importance of guidance in academic pursuits. Chaitravi's achievement not only showcases her dedication and talent but also underscores the significance of embracing technological advancements in healthcare.



CONFLUENCE'24

NMIMS Hyderabad's Confluence 2024 was a resounding success, uniting industry leaders, panelists, and students to delve into crucial employability skills for the 21st century. Through engaging discussions on Digital Transformation, Finance, and Human Capital, the event underscored NMIMS's commitment to preparing students for dynamic corporate environments. Serving as a vibrant platform for inspiration, networking, and meaningful conversations, Confluence 2024 set the stage for future collaborations aimed at shaping tomorrow's careers.



BIG EVENTS

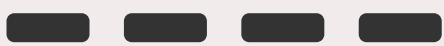
School of Law, NMIMS Hyderabad conducted a 5-day online Faculty Development Program (FDP) from December 18th to 22nd, 2023, focusing on Research Methodology and Teaching Pedagogy. The program aimed to enhance educators' research and teaching skills. Led by experts, sessions covered research design, data analysis, and effective teaching strategies. The FDP fostered collaboration and professional development among participants. It reaffirmed NMIMS's commitment to academic excellence and educator empowerment.

National Pharmacy Week Conclave

SVKM's NMIMS School of Pharmacy and Technology Management (SPTM), Hyderabad, curated a dynamic 'National Pharmacy Week Conclave.' Industry leaders, including Mr. Prateek Dani, Mr. Chandrashekhhar Kandi and Dr. Krishna Bhavanasi, engaged in insightful discussions.



Highlights included a student research symposium and vibrant performances. Dr. Ashwini Deshpande, Associate Dean, celebrated the event as a bridge between academia and the pharmaceutical industry, shaping future leaders.





R&D Chronicles: A Tapestry of Ingenuity and Insight

- **NMH/SBM001:** Three research papers co-authored by Dr. Dileep Kumar Singh (Assistant Professor, School of Business Management) have been published in the "Indian Journal of Technical Education", UGC Care-indexed Journal. The titles of these papers are "Unveiling the Research Landscape of the Metaverse in Asia", "Adoption of Virtual Reality (VR) and Augmented Reality (AR) in the Marketing Sphere", and "An In-Depth Analysis of Quantum Computing Frameworks: Exploring Prominent Platforms,". [Link 1](#), [Link 2](#) & [Link 3](#).
- **NMH/SPTM001:** A research paper co-authored by Dr. Vijay R Chidrawar, (Assistant Professor, SPTM) and Dr. Rahul Maheshwari (Assistant Professor, SPTM) titled "Multi-faceted Anti-obesity Effects of N-Methyl-D-Aspartate (NMDA) Receptor Modulators: Central-Peripheral Crosstalk" has been published in the Journal of Molecular Neuroscience, Springer Nature (Scopus Indexed, Impact Factor 3.1) [Link](#)
- **NMH/SPTM002:** A research paper authored by Dr. Rahul Maheshwari (Assistant Professor, SPTM, Hyderabad) and co-authored by Dr. Mayank Sharma (Assistant Professor, SPTM, Shirpur) and Dr Piyush Ghode (Assistant Professor, SPTM, Shirpur) titled "Lab on chip based self-adjustable liposomes for rapid wound healing: An in depth in vitro, in vivo and higher dose toxicity investigation" published in journal 'Biomaterials Advances', Elsevier (Scopus, Cite score 17.3, Q1 Journal) [Link](#)
- **NMH/SPTM003:** A review paper co-authored by Dr. Rahul Maheshwari (Assistant Professor, SPTM, Jadcherla) and as co-author by Dr. Santosh Yele (Associate Professor, SPTM, Jadcherla) titled "Metallic nanoparticles in cancer: Types, green synthesis, applications, tumor microenvironment and toxicity considerations" published in 'Journal of Drug Delivery Science and Technology (JDDST)' (Elsevier, Impact factor – 5.0, Scopus, Q1 Journal) [Link](#)
- **NMH/SOL001:** A research paper was presented by Dr Sreeramulu Gosikonda, (Assistant Professor of Sociology, School of Law) virtually, titled "Balancing between Indian Ethos and International Expectations: A Review on the Philosophy of NEP 2020' at the 9th IAFOR, International Conference on Education in Hawaii (IICE2024), United States during January 03-07, 2024. Besides, he had also extended his services as a member of the Review Committee of IICE2024. [Link1](#) [Link2](#)
- **NMH/SPTM004:** Dr. Vishnu N. Badavath, Assistant Professor, Dept. of Pharm. Chemistry, SPTM NMIMS, Jadcherla published research a paper titled "Novel intranasal phage-CaEDTA-ceftazidime/avibactam triple combination therapy demonstrates remarkable efficacy in treating Pseudomonas aeruginosa lung infection" in the Biomedicine & Pharmacotherapy, a reputed journal of Elsevier (Impact factor-7.5). The journal is Scopus indexed and also indexed in Web of Science (quartile Q1 journal) with H-index: 130. [Link](#)
- **NMH/SBM002:** A research paper co-authored by Dr. Dileep Kumar Singh, affiliated with NMIMS Hyderabad, titled "Automatic Signature Verifier Using Gaussian Gated Recurrent Unit Neural Network" has been published in a Scopus Q2 indexed journal.
- **NMH/SBM003:** Dr. YLN Kumar, Associate Professor- SBM – Hyderabad Campus co-authored a research paper titled "Mind your language: an empirical investigation into the role of language in Indian expatriate professionals' adjustment abroad", published in "The International Journal of Human Resource Management," . (ABDC- A Category journal)



R&D Spotlight: Make Your Mark

- Dr. Molly Chaturvedi has successfully completed ten days (33 hours) workshop on "NEP Orientation & Sensitization Programme" held from 13th November to 23rd November 2023" along with the examination needed for CAS ,conducted by SGTB Khalsa College, University of Delhi, UGC centre of learning ,Ministry of Education,Govt of India. [Link](#)
- Prof. Wasiha Tasneem has successfully completed ten days (33 hours) workshop on the “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-Mission Malaviya Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi from 20-29 November 2023. [Link](#)
- Dr. Raeesabegam Usmani, Asst. Prof. SoL, NMIMS Hyderabad, delivered an online lecture on "From Ideas to Impact: Mastering the Art of Dissertation Writing" at Karim City College, Jamshedpur, on January 27, 2024. The session focused on structured approaches, effective research methods, and crafting compelling narratives. Engaging with enthusiastic postgraduate students showcased their dedication to scholarly pursuits, highlighting the importance of empowering the next generation in their research endeavours. [Link](#)
- Dr. Molly Chaturvedi has written a book, published this month on "Media Dynamics: Bridging Journalism, Mass Communication, and Effective Management",ISBN NO -978-81-19585-88-5. She is the lead author with the contribution of 10 chapters in the book. [Link](#)
- Mr.Rahul Koshti, Assistant Professor, STME Hyderabad campus, headlined the expert talk event at Chameli Devi Group of Institutions, delving into the theme "Wireless Communication: AI and IoT Perspective." This event offered attendees a deeper understanding of the evolving field of wireless communication and how Artificial Intelligence (AI) and the Internet of Things (IoT) are impacting it. [Link](#)
- Mr. Vinayak Mukkawar, Assistant Professor - STME Hyderabad campus recent accomplishment is noteworthy. He successfully completed a 4-week NPTEL Faculty Development Program on Python for Data Science in July and August 2023. His exceptional performance in the course earned him the prestigious Elite Certificate of Completion, and he also achieved the top position in the course. [Link](#)
- Mr. Chandra Sekhar Alladi - Assistant Professor (Finance), from the School of Commerce at Hyderabad Campus, has successfully completed his Ph.D. in Commerce at Osmania University, Hyderabad. The topic for Ph.D. was “Impact of Insolvency and Bankruptcy Code in Resolving India’s Twin Balance Sheet Problem (with reference to select Corporates and Banks)”. He was conferred with his degree during the 83rd Convocation, which took place on October 31, 2023
- Dr Molly Chaturvedi , Assistant Professor - SOC Hyderabad campus was invited by Institute of Academic excellence in association with Ministry of Education, Govt of India on 30 and 31 October 2023 , in moderating the National level workshop on NAAC for the Universities , autonomous institution, affiliated college. She was appreciated for successfully moderating and discussing the seven important criteria with the resource speakers from State, Central Universities and UGC officials on behalf of the IAE.

R&D Spotlight: Make Your Mark

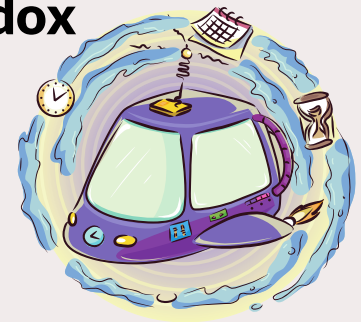
- On October 12, 2023, Symbiosis University in Indore hosted an expert talk by Mr. Rahul Koshti, Assistant Professor, STME Hyderabad. The topic, "IoT-Enabled Wireless Communication," delved into the intricate realm of wireless communication with a particular focus on its transformation through the Internet of Things (IoT). This event offered valuable insights to students and faculty, enriching their understanding of this evolving field. [Link](#)
- Dr. Raeesabegam Usmani, Assistant Professor, SOL, Hyderabad, was invited as a Gujarati Language Expert for a weeklong translation workshop by the National Translation Mission (NTM), Central Institute of Indian Languages - CIIL (Ministry of Education, Dept. of Higher Education, Govt. of India), Mysore, between October 30 to November 4, 2023.
- Dr. Molly Chaturvedi - Assistant Professor SOC has edited and reviewed 2 research article as special editor of the ABDC journal, "World journal of Management and Economics" from Nov 23-26, 2023, her role and observations was appreciated by the board of the Journal.
- Dr Raeesabegam Usmani was invited to deliver an online lecture on the topic "From Ideas to Impact: Mastering the Art of Dissertation Writing" at the Postgraduate Department of English, Karim City College, Jamshedpur, on January 27, 2024.

"No research without action, no action without research." - Jawarharlal Nehru



R&D Puzzle Corner: Time Travel Paradox

Welcome to the inaugural edition of the R&D Puzzle Corner! Each month, we'll challenge you with a brainteaser related to research and development. This month, we delve into the realm of theoretical physics with a mind-bending paradox:



The Time Travel Paradox:

You've invented a time machine! However, you soon discover a paradox: If you travel back in time and prevent the invention of the time machine, you wouldn't be able to travel back in time in the first place, creating a logical contradiction.

Challenge:

Can you explain this paradox and propose potential solutions or theories that might circumvent it?

Bonus points:

- Discuss the ethical implications of time travel, considering potential paradoxes and unintended consequences.
- Imagine alternative scenarios where time travel exists without creating paradoxes. Describe the potential applications and limitations of such technology.

Submit your thoughts and solutions to tasneem.wasiha@nmims.edu by 31-03-2024. We'll feature the most thought-provoking responses in the next newsletter!



Editor's Desk Reflection



As we bid farewell to a series of remarkable events and achievements, it is with great pride that I reflect on the vibrant tapestry of innovation, learning, and collaboration that has unfolded within the walls of NMIMS Hyderabad.

At the 7th Higher Education Summit, Dr. Siddhartha Ghosh, our esteemed Director, illuminated the future of learning, inspiring us to embrace innovation and academia's evolving landscape. His visionary insights serve as a guiding light as we navigate the ever-changing horizons of education.

Amidst this backdrop, the exceptional accomplishments of our students shine brightly. From the stellar performance of STME Hyderabad students at the ACM India Winter School to Chaitravi's remarkable achievement in bridging "Paper to Pixel," our students continue to demonstrate excellence and ingenuity in their pursuits.

The NMIMS-Hyderabad Research Talk Series provided a platform for thought-provoking discussions and insightful revelations, further enriching our academic discourse. CONFLUENCE'24 brought together industry leaders, panelists, and students to explore employability skills crucial for the 21st century, reaffirming our commitment to preparing students for the dynamic corporate landscape.

The National Pharmacy Week Conclave provided a forum for engaging discussions and knowledge exchange in the field of pharmacy, highlighting our dedication to fostering excellence in pharmaceutical education and research.

In the realm of research and development, our R&D Chronicles showcased a diverse array of research papers, each a testament to the ingenuity and dedication of our faculty and students. From pioneering breakthroughs to innovative solutions, our R&D efforts continue to push the boundaries of knowledge and discovery.

As we reflect on these achievements, let us not forget the countless individuals whose dedication and hard work have made these events possible. From our faculty members to our students, staff, and partners, each one has played a vital role in shaping the success of NMIMS Hyderabad.

Looking ahead, let us remain committed to our pursuit of excellence, innovation, and collaboration. Together, we will continue to make our mark, driving forward the frontiers of education, research, and societal impact.

**Warm Regards,
Prof. Wasiha Tasneem
Editor-in-Chief**

