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NEWSLETTER



RESEARCH NEWSLETTER



Hyderabad Campus Research Initiative!

Issue 002

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Empowering Innovation,



Celebrating Excellence!



FEATURED STORIES

INAUGURAL OF THE NMIMS R&D CELL

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We are delighted to announce the official inauguration of the NMIMS Research and Development Cell. This marks a significant milestone in our commitment to fostering a culture of innovation, collaboration, and groundbreaking research.

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Distinguished faculty members from a range of disciplines took the stage for a series of Research Talks. These presentations illuminated cutting-edge developments in their respective fields, showcasing the innovative thinking that defines our diverse R&D community.

FACULTY RESEARCH TALKS ILLUMINATE INNOVATION

WORLD RECOGNITION: NMIMS IN TOP 2% SCIENTISTS RANKING BY STANFORD UNIVERSITY

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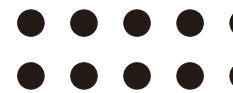
In an international recognition of our faculty's excellence, Stanford University, in collaboration with Elsevier, has released its yearly ranking of the World's Top 2% Scientists. We are proud to announce that several of our faculty members have been recognized in this prestigious ranking.

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Our School of Technology and Management Engineering continue to demonstrate outstanding performance. We're delighted to share that two projects by STME students have earned top honors and they serve as beacons of inspiration for their peers.

STUDENTS EXCEL: INNOVATIVE PROJECTS IN FOCUS

INAUGURAL OF THE NMIMS R&D CELL



»»» NMIMS Hyderabad Pioneers Research and Development: Unveiling a New Era of Excellence



In the pursuit of knowledge and innovation, there are moments that stand as pivotal milestones, guiding institutions towards a brighter future. Such a momentous occasion was etched into the history of NMIMS Hyderabad on August 19, 2023, as we launched our "Research and Development Cell," marking a new era of learning and academic excellence.

This landmark event was more than just an inauguration; it was a celebration of our institution's unwavering commitment to fostering a culture of research and innovation. As we gathered in the spirit of discovery, it was a privilege to welcome our esteemed faculty members, department representatives, and the entire NMIMS Hyderabad community to witness the dawn of a transformative journey.

At the heart of this event was the shared vision of excellence, a vision that radiates from every corner of our institution. Dr. Siddhartha Ghosh, Director NMIMS, Hyderabad. A revered academic and researcher, graced us with his presence, embodying the spirit of inquiry and advancement that has become the hallmark of NMIMS.



The event was further illuminated by the presence of our distinguished department representatives, Mr. Santosh Yale from the School of Pharmacy and Technology Management (SPTM), Dr. Umakanth Nayak from the School of Business Management (SBM), and Ms. Wasifa Tasneem from the School of Technology and Management Engineering (STME). Their participation reinforced our commitment to interdisciplinary collaboration and the pursuit of knowledge across various domains.



LAUNCH OF NMIMS HYDERABAD'S FIRST RESEARCH NEWSLETTER



A crowning moment of this occasion was the unveiling of NMIMS Hyderabad's First Research Newsletter happened on the same day. This newsletter, an embodiment of our research community's collective efforts, will serve as a platform for sharing knowledge, experiences, and groundbreaking discoveries. It's a testament to our commitment to push the boundaries of what we know and to inspire future generations of scholars.

FACULTY RESEARCH TALKS ILLUMINATE INNOVATION

Dr. Sasmita Misra – Aug. 19, 2023 – Adapting HR Practices in the Wake of COVID-19

Dr. Sasmita Misra, Assistant Professor, School of Business Management, NMIMS Uniniversity. She shared her research paper of how HR practitioners in India are rethinking their traditional human resources management in response to the COVID-19 pandemic. This study, involving in-depth interviews with 13 top-level HR practitioners, revealed a shift towards virtual organizational structures, with a strong focus on cultivating virtual empathy and team building. The research equips practitioners with valuable insights for adapting to the evolving landscape of remote work and virtual employment contracts.



Dr. Mukta Agarwal – Sep. 23, 2023 – Award-Winning Drug Carrier System



Dr. Mukta Agarwal, Assistant Professor, School of Pharmacy and Technology Management, NMIMS Hyderabad. She presented her international award-winning research on "Comparative Analysis of SLN and NLC as Novel Drug Carrier Systems." This research, recognized at Pharmacon 2023, an international conference by NIPER Hyderabad, earned the prestigious Best Research Presentation Award, highlighting the exceptional caliber of work conducted at NMIMS, Hyderabad.



Ms. Wasiha Tasneem – Oct. 28, 2023 – Insights from the IUCEE IIEECP Certification Program

Ms. Wasiha Tasneem, Assistant Professor, School of Technology & Management Engineering, NMIMS Hyderabad, She provided insightful reflections on her experience with the IUCEE IIEECP Certification program. It showcased the transformative impact of the program on both her pedagogical skills and her broader perspective on education. Her journey illuminated the practical application of new teaching methods and their influence on the higher education landscape. Her presentation symbolized our institution's commitment to educational innovation, inspiring educators to continually enhance their teaching methodologies.



WORLD RECOGNITION: NMIMS IN TOP 2% SCIENTISTS RANKING BY STANFORD UNIVERSITY



It's a great privilege to share the news that 10 distinguished faculty members from SVKM's NMIMS University have been recognized as "Top 2% Scientists" by Stanford University and Elsevier-Scopus USA. It is not just a testament to their dedication and global impact, but also to our commitment to excellence in education and research.

Congratulations to our exceptional faculty members Dr. Rahul Maheshwari and Dr. Mukta Agarwal from NMIMS Hyderabad Campus for their outstanding contributions to the world of science and research. Together, let's push the boundaries of knowledge and strengthen our research ecosystem.



DR. RAHUL MAHESHWARI
SPTM, HYDERABAD

Having worked for more than a decade in the field of pharmaceutical research, Dr. Rahul Maheshwari has a particular interest in developing new drug delivery systems for the treatment of diseases such as cancer, arthritis, hypertension, and skin disorders. His passion for research has enabled him to rank among the top 2% of scientists in the world. He completed his First Post doc (2019, funded by Govt of India) from National Institute of Pharmaceutical Education and Research- Ahmedabad (NIPER-A; An Institute of National Importance, by GoI), wherein he worked on development of anti-cancer therapeutic development using the combination of drug and heat-based therapies. He completed his second Post doc (2022, funded by Govt of India) as SIER fellow from National University of Singapore (NUS, Singapore; ranked 8th in the world and 1st in Asia in the 2024 Quacquarelli Symonds (QS) World University Rankings), wherein he specially worked on drug free (chemo-free) gene therapy for cancer.

One of the significant factors contributing to his success has been the continual publication of his laboratory work in journals of international repute. To date, he has authored >100 publications including research, review and book chapters involving the eminent scientists globally. Besides, he has >2800 citations to his credit with an h-index of 28. He extended a special thanks to the top management of the university, to the campus director, to the head of the school, to his colleagues and to his co-authors for helping him achieve this significant milestone.

On October 3, 2023, the collaborative ranking by Stanford University and Elsevier was announced, naming her among the World's Top 2% Scientists for the second consecutive year. This achievement is the result of years of hard work, dedication, and research, supported by a mentor's guidance. Her research journey began in 2017 when she pursued a PhD in various fields, from Nanoparticles to Alzheimer's Therapy, resulting in over 70 international and national research papers with significant recognition. Her work has earned over 2250 citations, an H-index of 23, and a cumulative impact factor of 223. She highlights the multifaceted role of modern academics, balancing teaching, mentoring, and intensive research. The accomplishments owe much to her institution, peers, collaborators, and her mentor. She sees this recognition as just the start of a much broader exploration in the world of research and academia.



DR. MUKTA AGARWAL
SPTM, HYDERABAD

STUDENT'S EXCEL: INNOVATIVE PROJECTS IN FOCUS ▶▶▶▶


Our students at the School of Technology and Management Engineering (STME) have once again showcased their exceptional talents and dedication. We are thrilled to announce that two of our STME students have achieved recognition for their outstanding projects, securing the top positions in their respective categories.

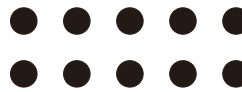
▶▶▶ First Project: Revolutionizing Hostel Leave Management



MR. SAI CHARAN, II YEAR CSDS
STME

Mr. Sai Charan, a second-year student at STME, NMIMS Hyderabad Campus, has introduced a groundbreaking solution - 'Revolutionizing Hostel Leave Management: The Transition from Paper to My Web-Based Solution.' This innovative project heralds a transition from traditional paper-based methods to a web-based system for managing hostel leave. The benefits are substantial, including reduced paperwork, enhanced transparency, streamlined processes, and an improved overall hostel experience. This modern solution simplifies leave requests, promotes efficient communication, and brings order to hostel operations.

For Project Details: [CLICK HERE](#) 




▶▶▶ Second Project: Python-Based GPA Calculator and Result Analyzer

Mr. Harsh Bang, also a second-year student at STME, NMIMS Hyderabad Campus, has embarked on a journey of simplifying academics. His project, titled 'My Journey: Python-Based GPA Calculator and Result Analyzer,' was born out of a simple question: "Is there a better way to calculate GPAs and analyze academic results?" Harsh's endeavor has resulted in a systematic approach that collects user input, processes it through Python, and provides GPA calculations and other valuable academic insights. This not only benefits students but also aids academic administrators in their tasks.

Harsh's journey doesn't end here; he envisions the addition of machine learning support, the development of an online platform, and fostering collaboration among peers. His commitment to simplifying academic processes is an inspiration to us all.



MR. HARSH BANG, II YEAR CSDS
STME

For Project Details: [CLICK HERE](#) 

R&D CHRONICLES: A TAPESTRY OF INGENUITY AND INSIGHT



- Dr. Mohammed Shamiulla Arab, Associate Dean, School of Law, Hyderabad is invited by Maharashtra National Law University (MNLU), Aurangabad to deliver lectures on "Research Methodology in Social Science with special reference to law" as a Resource Person in the Ph.D. Course Work-2023 on Saturday 15th July 2023. [Link](#)
- Dr. Molly Chaturvedi, Assistant Professor School of Commerce, Hyderabad Campus, has published a research article titled, "A conceptual research on the impact of strategic marketing on consumer impulsive purchase behavior: in special context with the case study on IKEA, Hyderabad published in "Korea review of international studies", Volume 16, Special Issue 05, August 2023, ABDC journal, C Category. [Link](#)
- Dr. Rahul Maheshwari published a Research article entitled, In vitro profiling of fenofibrate solid dispersion mediated tablet formulation to treat high blood cholesterol, as a lead/corresponding author. The work is published in the Journal, Annales Pharmaceutiques Françaises (Published by Elsevier). The journal is indexed in Scopus & and Web of Science. [Link](#)
- Dr. Molly Chaturvedi, Assistant Professor School of Commerce, Hyderabad Campus, was appointed as Guest Editor for the ABDC journal "World Journal of Management and Economics" [Link](#)
- Dr. Santosh Yele co-authored a review article entitled, "Mechanisms of emerging resistance associated with non-antibiotic antimicrobial agents: a state-of-the-art review". The work is published in the Nature Publication named The Journal of Antibiotics. (Impact Factor 3.3). [Link](#)
- Dr Dileep Kumar Singh, Assistant Professor, SBM- Hyderabad, wrote a book chapter titled " Robotic Process Automation as an Emerging Technology in Tourism, Hotels, and Food Service" in the Book titled "Handbook of Research on Innovation, Differentiation, and New Technologies in Tourism, Hotels, and Food Service" published by IGI Global, DOI - DOI: 10.4018/978-1-6684-6985-9.ch003, [Link](#)
- Dr. Vijay R Chidrawar, Assistant Professor, School of Technology Management, Jadcharla - Hyderabad co-authored a research paper titled "Facile Green Synthesis and Characterization of Terminalia arjuna Bark henolic-Selenium Nano Gel: A Biocompatible and Green Nano-biomaterial for Multifaceted Biological Applications". Frontiers in Chemistry (Sec. Nanoscience) Volume 11. doi: 10.3389/fchem.2023.1273360 (Frontiers, IF: 5.54) [Link](#)
- Dr. Rahul Maheshwari, Assistant Professor, SPTM published a review article entitled, New insights in aptamer-targeted nanoliposomes for the treatment of breast cancer, as a First/Corresponding author in the Journal of Drug Delivery Science And Technology (JDDST) with Impact Factor 5.0 (Published by Elsevier). This review summarizes recent advances in aptamer-based targeted nanoliposomes for the treatment of breast cancer. [Link](#)
- Professor Dr. Paramita Mukherjee, Professor of Economics, School of Commerce, NMIMS Hyderabad campus, has been awarded a research project titled "Strategic Asset Allocation Choices for India's National Pension System" under SPARC, Government of India, with funding worth Rs 71 lakhs. She serves as the co-principal investigator of this prestigious project.
- A research paper co-authored by Dr. Abhilash Ponnamp (Associate Professor, SBM Hyderabad) titled "COVID-19 Induced New Workplace HR Practices: Practitioners' Perspectives from India" was presented as part of the FDP at SBM Hyderabad. The paper has been published in the journal Management and Labour Studies, Vol 48, Issue 2 (ABDC C category, Scopus indexed). [Link](#)
- A research paper co-authored by Dr. Showkat Ahmad Busru, (Assistant Professor, SBM Hyderabad) titled "Evaluation of Risk as Conducive Environment for Earning Manipulation and Moderation Effect of Corporate Governance: Empirical Study of Listed Indian Firms" was presented as part of the FDP at SBM Hyderabad. The paper has been published in the Asia-Pacific Journal of Management Research and Innovation, Vol 18 (1-2) 2022. [Link](#)
- Dr. Molly Chaturvedi, Assistant Professor, SOC-Hyderabad has been appointed as guest editor (Special edition) for the ABDC-indexed "World Journal of Management and Economics" <https://wesro.org/>

- Prof Umakanta Nayak published a research paper titled: "Engaging the disengaged: the role of Workplace Spirituality on millennials' Work Engagement" in the International Journal of Organisational Analysis (ABDC-B/Q2/Scopus) [Link](#)
- Dr. Vishnu Nayak Badavath Published titled: "Novel intranasal phage-CaEDTA-ceftazidime/avibactam triple combination therapy demonstrates remarkable efficacy in treating Pseudomonas aeruginosa lung infection" a collaborative research on Novel intranasal phage-CaEDTA- Ceftazidime/Avibactam triple combination therapy antibiotics to overcome antibacterial resistance accepted for publication by Elsevier- Biomedicine and Pharmacotherapy (Impact factor: 7.5) [Link](#)
- Dr. Vishnu Nayak Badavath Published titled: "Recent insights into the synthesis, biological activities, structure-activity relationship and molecular interactions of thiazolidinone hybrids: A systematic review" [Link](#)
- Dr. Abhilash Ponnamp, Associate Professor and Program Chair SBM gave a research seminar as part of the FDP at SBM Hyderabad on 23/09/2023, on the paper titled "Disparity in Agri-Marketing Challenges in India: Organic vs. Conventional Food Producers" published in the Journal of International Food & Agribusiness Marketing with cite score of 3.9 (2022).
- Dr. Raeesabegam Usmani, Assistant Professor, School of Law, NMIMS Hyderabad, has been awarded an International Visiting Research Fellowship (remote) at the University of Religions and Denominations (URD), Pardisan, Qom, Islamic Republic of Iran, from July 2023 to February 2024. She will be working on research projects and papers aligned with the scholarly interests of the URD to contribute to academic knowledge and foster intellectual growth.
- Dr. Ashish Kumar Biswas published a research paper titled: "An Ensemble Learning Model for predicting the intention to quit among employees using classification algorithms" Journal: Decision Analytics Journal, Publisher: Elsevier, Citescore: 0.9, Indexed: Scopus
Link: <https://www.sciencedirect.com/science/article/pii/S2772662223001753>
- A research article co-authored by Dr. Abhilash Ponnamp (Associate Professor and Program Chair SBM, Hyderabad) titled "Disparity in Agri-Marketing Challenges in India: Organic vs. Conventional Food Producers" has been published in the Journal of International Food & Agribusiness Marketing, on 19th July 2023. (Taylor & Francis Group, Impact Factor 3.9, Q2, SJR 0.408).<https://www.tandfonline.com/doi/abs/10.1080/08974438.2023.2228783> This research article has been presented in a research seminar as part of the FDP at SBM Hyderabad.
- Dr. Mukta Agarwal is an Associate Editor in Heliyon, Elsevier (SCI-indexed journal with Impact Factor 4.0)
- Dr. Mukta Agarwal got the Best Oral Presentation Award in Pharmaceuticals and Proudly presented NMIMS HYDERABAD at the NIPER Convention in front of eminent personalities of DoP, DST, CSIR, and Industry.
- Dr. Mukta Agarwal published paper titled: "Application of thermoresponsive smart polymers based in situ gel as a novel carrier for tumor targeting" [Link](#)



HARMONIZING PROGRESS

CONCLUDING ANOTHER CHAPTER IN OUR NEWSLETTER



In this newsletter issue, we've embarked on a journey through a symphony of creativity, discovery, and innovation of NMIMS Hyderabad. It began with the inaugural of our Research and Development Cell, marking a new era of academic excellence. We celebrated the brilliance of our faculty and students through enlightening Research Talks, each contributing unique insights and pushing the boundaries of knowledge.

We recognized our STME students' exceptional projects, highlighting their dedication and innovation. The prestigious honor of our faculty members being named among the World's Top 2% Scientists underlines our institution's global influence and research excellence.

As we conclude this issue, it's clear that our quest for knowledge and innovation is boundless. The world of research and development offers endless opportunities, and we eagerly anticipate new discoveries and pioneering pathways. Together, we will continue to shape the future of innovation, leaving our mark on the global stage.

We extend our gratitude to our readers, contributors, and the entire academic community for their unwavering support. Stay tuned for more stories of excellence and inspiration in our next issue as we continue this symphony of knowledge and progress.

From Editor Desk
Ms. Wasifa Tasneem
Assistant Professor
STME, Hyderabad

NMIMS

