

Monthly Newsletter

By the AI Research Centre, Woxsen University

AIRC Strengthens Global Ties at Cityscape Global 2024



Woxsen University's **AI Research Centre** partners with **Prince Sultan University** to explore AI-driven advancements in renewable energy. This collaboration aims to leverage artificial intelligence to address critical challenges in the energy sector, fostering advancements through joint research projects, shared expertise, and co-authored publications.

At **King Saud University** and **Dar Al-Hekma University**, discussions centered on forging alliances to drive sustainability initiatives, establish joint academic programs, and secure collaborative research grants.



Dr. Raul Rodriguez, Vice President of Woxsen University, chaired the panel "**Me, Myself, and AI**" at **EDUtech Asia**, joining leaders from **Singapore Management University**, **Kaplan Business School**, and **D2L**. The discussion highlighted AI's transformative role in education, while also expanding Woxsen University's growing presence in the Asia-Pacific region.

Woxsen Collaborates with College of Defence Management



In a significant stride towards fostering innovation and strategic collaboration, Woxsen University's AI Research Centre recently hosted a distinguished delegation from the **College of Defence Management**.

The delegation was led by **Maj Gen Harsh Chhibber, VSM, Commandant**, who brought valuable insights into the evolving landscape of defense education and management.

The discussions were dynamic and thought-provoking, exploring innovative approaches to knowledge acquisition and the development of cutting-edge solutions in defense

management. With a focus on leveraging technology and strategic foresight, the collaboration aims to address the complex challenges facing India's defense ecosystem.

This partnership aligns with the visionary leadership of the Prime Minister in transforming India's defense capabilities. By combining Woxsen's academic and research expertise with the operational excellence of the Armed Forces, the collaboration seeks to enhance educational frameworks and strategic capacities, ensuring a robust and future-ready defense infrastructure.

Transforming Education Through Technology - Future Tech Summit 2024



Future Tech Summit, on *December 19th and 20th, 2024*, is a premier event dedicated to exploring cutting-edge technologies revolutionizing education and innovation. The summit will feature a range of workshops and discussions to provide hands-on experience in the latest technological advancements. Participants will have the opportunity to engage in a workshop on *AI on Hardware Using NVIDIA Development Boards*, *Text Mining to LLM Development*, and much more.

The **Metaverse Tech Show** will introduce attendees to *immersive experiences*, highlighting the potential of the metaverse in various sectors. Additionally, a workshop on *Basic Robotics Using Arduino and ESP Modules* will cover the foundations of robotics and the development of smart solutions.

EUNOIA: THE AI-DRIVEN STUDENT

The AI Research Centre introduces Eunoia, an AI-driven student designed to transform education through advanced AI and adaptive intelligence. Eunoia enhances learning, boosts research capabilities, and elevates the academic journey.

For more details, visit: www.woxsen.edu.in.



Spain-India Business Summit: Innovation and Collaboration

The Spain-India Business Summit witnessed the participation of Spain's **President Pedro Sánchez**, India's Minister **Nitin Gadkari**, and Ambassador March Pujol, alongside leading corporations such as Airbus, Roca Group, and Navantia. A roundtable discussion, led by the Vice President of Woxsen University, focused on AI-driven digitalisation across critical sectors like transport, energy, and education, with valuable contributions from panellists Ayan Dutta, Mani Ganeshan, Shivendra Singh, and Bharat Venkat.

Woxsen University, ranked No. 3 in India and among the QS World Top 150 for Master's programs, reaffirmed its commitment to Prime Minister **Narendra Modi's Vision 2047**, positioning India as a global leader in innovation and education.



1st International Conference on ICSCI 2025

The 1st International Conference on **Integrating Cognitive Science and Computational Intelligence (ICSCI) 2025** will be held at Woxsen University, Hyderabad, India, on April 24-25, 2025. This flagship event, organized by the **International Association of Cognitive Science and Computational Intelligence**, will bring together experts in fields such as AI, Machine Learning, Computer Vision, Brain-Computer Interfaces (BCIs), and more.

Researchers, academics, and industry professionals are invited to participate in this prestigious event. It offers a unique opportunity to explore and contribute to the future of Cognitive Science and Computational Intelligence. The conference will foster collaboration and ignite new ideas, paving the way for advancements in these fields. Attendees will engage with thought leaders and shape the direction of future innovations.

[Conference Link - Here](#)



ADVANCING AI COLLABORATION

In a significant milestone for fostering academic and governmental collaboration, an MOU was signed with the **University of Science and Technology at Fujairah**. This agreement seeks to enhance partnerships that drive forward innovation, research, and development in key areas of science and technology.

The event also provided a platform to deliver a keynote address on the transformative applications of artificial intelligence in cognitive psychology, exploring how AI is reshaping psychological research and enhancing cognitive behavioral therapy.

Advancing Organoid Technology: Shaping the Future of Healthcare

The research article "**Model Organoids: The Next Frontier of Biomedical Advancements**" has been accepted for publication in *Stem Cells Reviews and Reports*, a leading Springer Nature journal. The study, developed over nearly four years, highlights the transformative potential of organoids, three-dimensional lab-grown structures that mimic organ functions, redefining regenerative medicine.

By showcasing organoids as essential tools for tackling medical challenges and enabling personalized healthcare, the publication underscores its importance in shaping biomedicine's future. This groundbreaking work has the potential to revolutionize disease treatment and care. This accomplishment marks a step in advancing organoid technology, unlocking new possibilities for.

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Stem Cell Reviews and Reports

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Overview

Stem Cell Reviews and Reports covers contemporary and emerging areas in stem cells and regenerative medicine through the publication of reviews, original data reports (full reports and short reports), protocols, novel hypotheses and commentaries.

The scope related to stem cells is broad and includes topics in stem cell biology covering basic, clinical, biotechnology, regulatory, and ethical aspects of embryonic and adult stem cells, induced pluripotent stem cells, fate choice, specific lineage and cloning issues, translational studies, and diseases where stem cell anomalies play a key role and related matters. Original articles are expected to provide novel insights based on new data. Reviews, commentaries and hypotheses should provide syntheses of current concepts in the field and discuss emerging issues and controversies; the nature of the topic or idea being discussed will dictate appropriate choice of article type.

For authors

- Submission guidelines
- Language editing services
- Ethics and disclosures
- How to publish with us

Esteemed Members

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