WOXSEN UNIVERSITY

Monthly Newsletter

By the AI Research Centre, Woxsen University

Welcome to the **AI Research Centre** at Woxsen University, a leading hub dedicated to pushing the boundaries of artificial intelligence research and innovation. Located within one of India's most dynamic academic ecosystems, the Centre is focused on leveraging AI to create transformative solutions that address real-world challenges and promote societal advancement. Our interdisciplinary team of professors, researchers, executive fellows, and students actively engages in cutting-edge work across areas such as machine learning, natural language processing, computer vision, robotics, blockchain, cybersecurity, and the metaverse. With a clear vision to become a globally recognized centre of excellence, we are committed to fostering ethical AI development, promoting interdisciplinary collaboration, and building impactful partnerships with industry, academia, and government. Through our mission-driven efforts, the AI Research Centre at Woxsen University is shaping the future of technology and empowering the next generation of innovators.



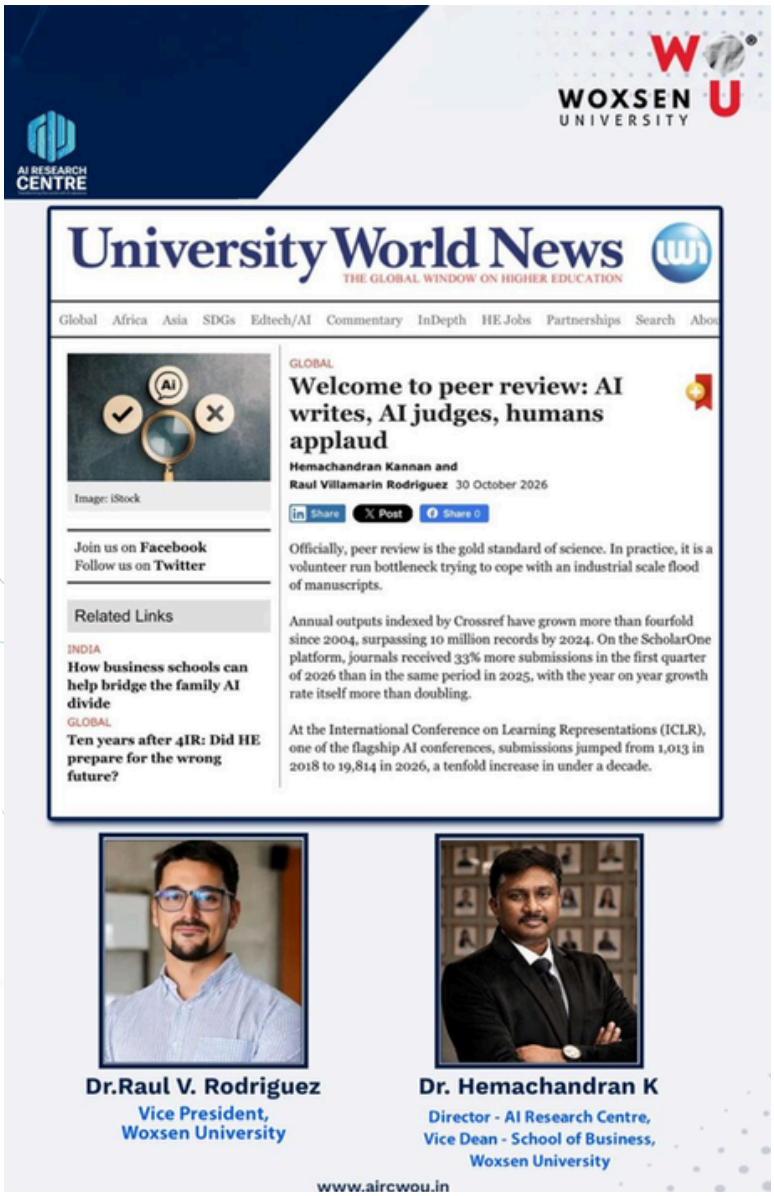
AI RESEARCH CENTRE
Transforming the world with AI solutions

Celebrating Student Excellence at the IBM National Hackathon 2026



Students of Woxsen University have brought laurels to the institution through their outstanding performance at the IBM National Hackathon 2026. The achievement includes a place among the Top 10 teams nationally, securing ₹5 lakh in project funding, along with recognition at the zonal level. The accomplishment highlights the students' innovative thinking, technical capabilities, and commitment to developing practical technology solutions. The AI Research Centre (AIRC), Woxsen University, takes pride in encouraging student innovation, experiential learning, and industry engagement. This achievement further reflects the importance of industry–academia collaboration in nurturing future-ready talent and translating innovative ideas into impactful real-world solutions.

AIRC Contributes to the Discourse on AI and Academic Peer Review



The AI Research Centre (AIRC), Woxsen University, brings attention to the evolving role of Artificial Intelligence (AI) in academic publishing through the article “Welcome to Peer Review: AI Writes, AI Judges, Humans Applaud.” The contribution explores the growing influence of AI in scholarly writing and peer-review processes, raising important questions about research quality, academic integrity, and the role of human judgement in evaluating AI-assisted research.

Strengthening Industry–Academia Engagement Through IBM Collaboration



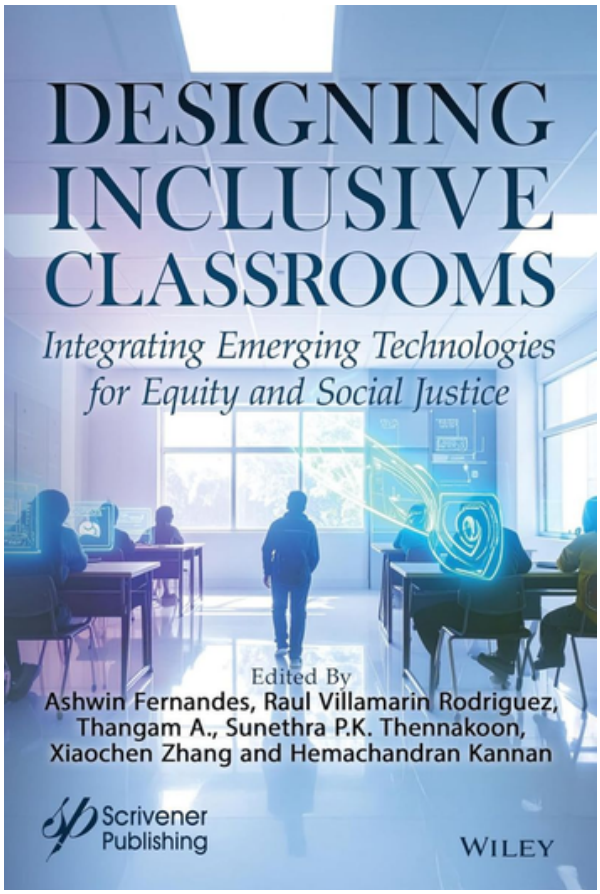
Strengthening Industry–Academia Engagement Through IBM Collaboration
The AI Research Centre (AIRC), Woxsen University, highlights its engagement with IBM as part of its commitment to strengthening industry–academia collaboration and advancing Artificial Intelligence research and innovation. This initiative provides opportunities to connect academic research with industry expertise, explore emerging technologies, and encourage practical applications of AI. Through such collaborations, AIRC aims to create meaningful learning experiences, promote technological innovation, and equip students and researchers with insights into evolving industry trends. The engagement reflects Woxsen University's continued focus on fostering industry partnerships and bridging the gap between academic knowledge and real-world technological challenges.

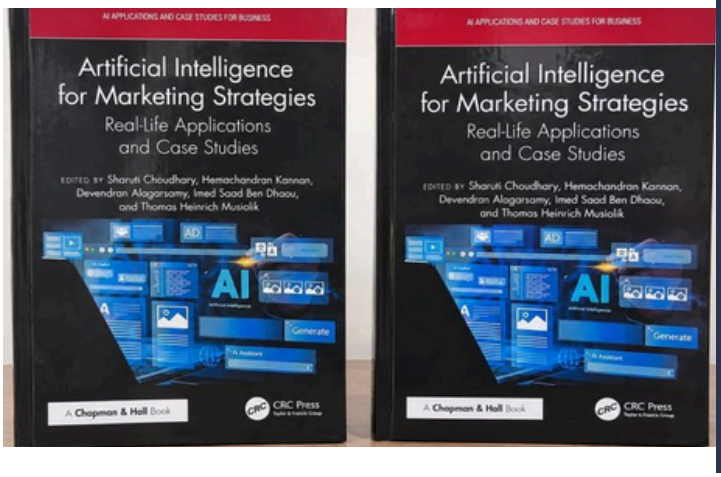
AI-Driven Structural Health Monitoring Through Research Excellence



Researchers from Woxsen University have published a significant research paper titled “A Deep Learning and Unmanned Aerial Vehicle Framework for Autonomous Structural Monitoring and Crack Detection” in the prestigious journal Engineering Applications of Artificial Intelligence. The research brings together the expertise of Dr. Krishna Vamshi Ganduri, Dr. Bhargav Prajwal Pathri, Dr. Hemachandran K, and Mr. Vishal Kumar Sharma from the AI Research Centre. The study explores the integration of deep learning and unmanned aerial vehicle (UAV) technologies to enable autonomous structural monitoring and automated crack detection. This research contributes to safer infrastructure assessment and supports UN Sustainable Development Goal 9: Industry, Innovation and Infrastructure, highlighting Woxsen University's commitment to impactful, technology-driven research.

Advancing Knowledge Through AI:
New Research Publications





The AI Research Centre (AIRC) at Woxsen University is pleased to highlight two significant book publications showcasing the growing role of Artificial Intelligence (AI) across diverse domains. Designing Inclusive Classrooms: Integrating Emerging Technologies, published by Wiley, explores the application of AI, assistive technologies, and emerging digital tools in promoting inclusive and accessible education. Another publication, Artificial Intelligence for Marketing Strategies: Real-Life Applications and Case Studies, published by CRC Press (Taylor & Francis Group), examines practical applications of AI in marketing, strategic decision-making, and real-world business contexts.

Together, these publications reflect AIRC's commitment to advancing interdisciplinary research, promoting AI-driven innovation, and contributing to knowledge development across education and business.

Expanding Global Research Collaboration Through AIRC Fellowship



The AI Research Centre (AIRC), Woxsen University, invites researchers worldwide to participate in its Non-Resident Research Fellowship in AI and Social Sciences. This four-month, fully remote honorary fellowship offers an opportunity to explore the societal implications of Artificial Intelligence across areas such as AI governance, ethics, education, human development, workplace transformation, social inclusion, and sustainable development. The fellowship welcomes PhD candidates, doctorate holders, and research master's graduates with at least two published works. Selected fellows will contribute one research paper and two commentaries, engage in the Centre's research activities, and receive AIRC research affiliation, a website profile, and a certificate upon successful completion. Through this initiative, AIRC reinforces Woxsen University's commitment to fostering global research collaboration and advancing responsible, interdisciplinary AI research.

Exploring the Future of Conscious Intelligence: A Call for Book Chapters



The AI Research Centre (AIRC), Woxsen University, invites chapter proposals for its forthcoming CRC Press book, The Intelligence Singularity: When Mind Meets Mind – A Philosophical Inquiry into the Nature and Future of Conscious Intelligence. This interdisciplinary publication aims to bring together perspectives from Artificial Intelligence, cognitive science, philosophy, neuroscience, ethics, and AI governance to examine the evolving understanding of intelligence and consciousness. The initiative encourages researchers, academicians, industry professionals, and practitioners to contribute innovative ideas, theoretical frameworks, and empirical research. Through this academic initiative, AIRC seeks to foster global scholarly collaboration and advance meaningful discussions on human-AI interaction, conscious intelligence, and the responsible development of AI.

Exploring Sustainable Tourism
Through AI and Digital Innovation



The AI Research Centre (AIRC), Woxsen University, highlights an upcoming edited volume, Sustainability Transitions in Tourism, in collaboration with Edward Elgar Publishing. The initiative invites research contributions exploring the evolving landscape of sustainable tourism, with a focus on digital governance, community systems, and AI-enabled destinations. The proposed volume aims to bring together diverse research perspectives on how emerging technologies and innovative governance approaches can support sustainable tourism practices and destination development. Through this academic initiative, AIRC, Woxsen University, contributes to advancing interdisciplinary research at the intersection of Artificial Intelligence, tourism, and sustainability, encouraging scholarly engagement with emerging opportunities and challenges in the sector.

AI RESEARCH CENTRE

WOXSEN UNIVERSITY

Esteemed Members

AI Research Centre, Woxsen University

DR.RAUL VILLAMARIN RODRIGUEZ
VICE PRESIDENT AT WOXSEN UNIVERSITY

DR. HEMACHANDRAN K
DIRECTOR

DR. RAJESH KUMAR K V
CHIEF TECHNOLOGICAL SCIENTIST

DR. SHYAM JOSHI
CHIEF RESEARCH SCIENTIST

ASHOK RATNA PRAVEEN DOPPALAPUDI
INTELLECTUAL PROPERTY COUNSEL

DR. SAMEEK GHOSH
ASSOCIATE PROFESSOR

DR. DEBAJYOTI BOSE
RESEARCH SCIENTIST

DR. RIYA BHATTACHARYA
RESEARCH SCIENTIST

DR. CHHAVI SHARMA
RESEARCH SCIENTIST

MR. SAI ADARSH MADDU
OUTREACH MANAGER

SHAIK ANJUMABI
INNOVATION AND COMMERICIALISATION

SCAN ME

CONTACT
airesearchcentre@woxsen.edu.in

DESIGNED BY
PROMOTION STRATEGIST TEAM, AIRC

AI RESEARCH CENTRE

WOXSEN UNIVERSITY

Our Vision

To become a globally recognized hub for pioneering AI research and innovation, driving transformative solutions that address real-world challenges and contribute to societal welfare.

Our Mission

To advance the field of artificial intelligence through cutting-edge research, interdisciplinary collaboration, and ethical development, fostering an environment that attracts top talent and cultivates partnerships with industry, academia, and government.

Global Footprint



About Us

Welcome to the AI Research Centre at Woxsen University, a renowned hub committed to pushing the boundaries of AI research and development. Situated in a vibrant academic setting, our facility is dedicated harnessing the revolutionary power of AI technologies to transform industries and improve social well-being. Our AI Research Centre boasts a team of professors, researchers,Executive Fellows, and students who are deeply involved in cutting-edge areas such as Machine Learning, Natural Language Processing, Computer Vision, Robotics, Blockchain, Cybersecurity, and the Metaverse. Our aim is to create innovative AI solutions that address practical issues, promoting advancement across various industries.

Contact Us

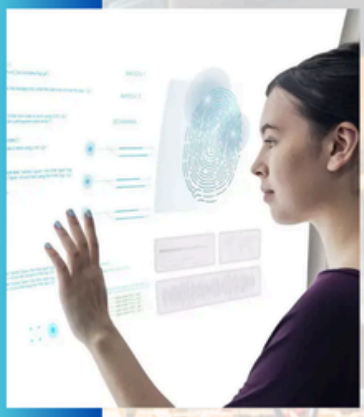
airc.woxsen.edu.in

airesearchcentre@woxsen.edu.in

Kamkole, Sadasivpet, Hyderabad, Telangana, 502345

AI RESEARCH CENTRE

WOXSEN UNIVERSITY



AI RESEARCH CENTRE

Our Projects

- Student Skill Enhancement (Meta + Gen AI) Game
- Metaverse Odyssey (SDG) VR
- Transcripts Verification System using Blockchain
- Woxsen Campus Mart
- Woxsen Campus Tour VR
- Mobile Bargaining System Using AI in Metaverse
- Iron Man Suit for Fire Detection
- Blockchain Stock Exchange
- Necrobotics
- Real time weather monitoring
- Healthcare management system

TRY DEMO

Core Pillars

- Research and Development Division
- Product Development Division
- Technical Documentation / Research Publication Division

Strategic Partners

Our Niche

- Artificial Intelligence and Machine Learning
- Robotics, Necrobotics
- IoT and Embedded Systems
- Virtual and Augmented Reality - Metaverse
- Software and Web Development
- Quantum Computing
- Natural Language Processing / LLM Models
- Biomedical Signal Processing
- Human Computer Interaction
- Blockchain and Web3
- Geospatial Information