

Monthly Newsletter

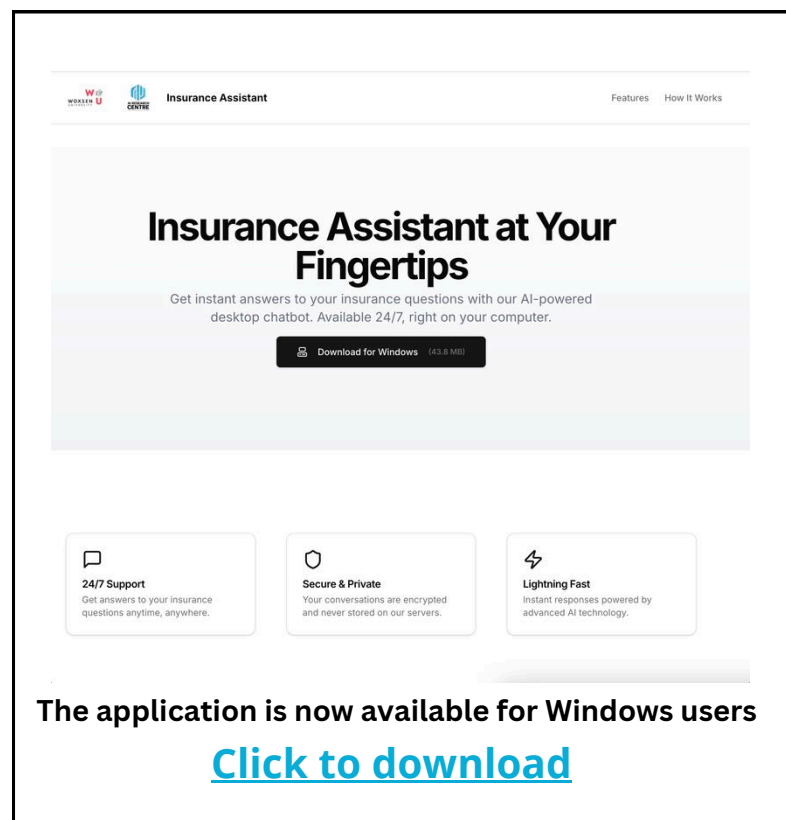
By the AI Research Centre, Woxsen University

AI-Powered Insurance Assistant Chatbot on Windows

The AI Research Centre has launched its latest innovation in insurance assistance, an **AI-Powered Insurance Assistant Chatbot**, now available as a Windows desktop application. This cutting-edge AI avatar is designed to **streamline the insurance experience, providing users with instant, accurate, and reliable information** at their fingertips.

Key Features:

- **Lightning-Fast Responses-** Powered by advanced AI technology hosted securely on-premise.
- **24/7 Support-** Assistance is available anytime, ensuring **seamless access to insurance-related information**.



- **Secure & Private-** Conversations remain encrypted, with **no data stored on external servers**.

This innovation marks a significant leap in AI-driven customer service, enhancing user accessibility and efficiency in navigating insurance processes.

Source: [LinkedIn](#)

AIKP 2024 Conference Proceedings Published in Springer CCIS

The **Artificial Intelligence and Knowledge Processing (AIKP 2024)** Conference Proceedings have been officially released and are now part of **Springer Nature's Communications in Computer and Information Science (CCIS, Volume 2228)**. This volume presents pioneering research in **Machine Learning, Natural Language Processing, Computer Vision, Robotics, Data Mining, Quantum AI, and Cognitive Computing**.

The editorial team, comprising **Raul Villamarin Rodriguez, Manjeet Rege, Abejide Ade-Ibijola, Kok-Leong Ong, Vincenzo Piuri, and Dr. Shyam Joshi**, has collaborated extensively to bring together groundbreaking insights from leading researchers worldwide. Their efforts have resulted in a comprehensive collection that advances knowledge and fosters innovation in artificial intelligence and computational sciences.

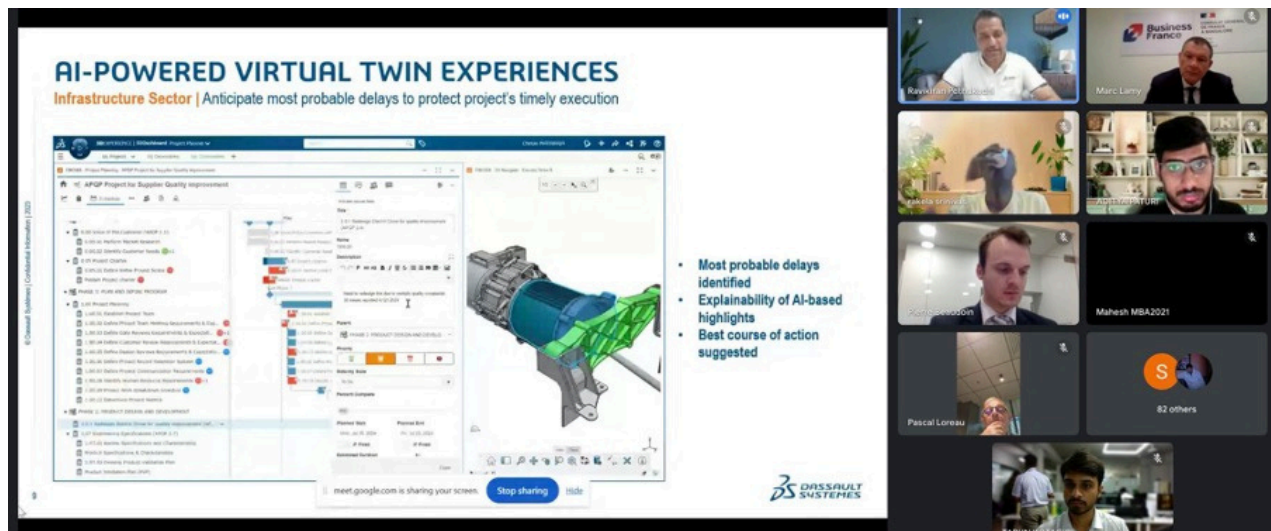
Hosted at **Johannesburg Business School, South Africa**, in August 22–24, 2024, AIKP 2024 served as a



platform for academics, industry leaders, and researchers to engage in **high-impact discussions and present cutting-edge developments**. Now an integral part of the AIKP Conference Series, this publication stands as a testament to the **evolving landscape of AI and its transformative potential**. Readers can access this volume through Springer's digital library for an in-depth exploration of the latest advancements in AI research.

Source: [LinkedIn](#)

Exploring AI Collaboration between India & France



T-Hub recently hosted an insightful session on the evolving **AI ecosystem in India and France**, attended by industry leaders, policymakers, and innovators. **Tarun Kotagiri** was among those who had the opportunity to engage in these discussions.

Key Takeaways:

- **Marc Lamy**, Consul General of France in Bangalore, emphasized AI's transformative potential and highlighted the **upcoming AI Action Summit in Paris**.
- **Sujit Jagirdar** (T-Hub) underscored **India's National AI Mission and AI City**, strengthening Indo-French collaboration.
- **Anshul Pandey** (Capgemini) explored advancements in **digital twins, GenAI, and India's expanding AI investments**.

- **Rahul Paith** (MATH AI & ML Tech Hub) highlighted India's **960+ AI startups** and the **potential for French partnerships**.
- **Ravikiran Pothukuchi** (Dassault Systèmes) showcased **AI-driven industrial transformation** through virtual twins.
- **Jincy T Xavier** (TNP Consultants) presented **AI-driven sales forecasting and AI-enabled chatbots** for enhanced efficiency.

The discussions reinforced the **importance of ethical AI, data privacy, and cross-border innovation in shaping the future of AI**. As Indo-French partnerships continue to grow, collaboration in research, policy, and industry will be key to driving the next wave of AI advancements.

Source: [LinkedIn](#)

Prof. Philippe Gerwill Joins the Advisory Board of AIRC

The AI Research Centre at Woxsen University has announced the appointment of Prof. Philippe Gerwill to its Advisory Board. A globally renowned Digital Healthcare Humanist & Futurist, Prof. Gerwill is a pioneer in the Healthcare Metaverse and AI and a distinguished TEDx Speaker. His extensive expertise and forward-thinking approach are expected to contribute significantly to the centre's research and innovation efforts.

The addition of Prof. Gerwill further strengthens its mission to drive impactful research and transformative developments in AI.

With this appointment, Woxsen University reaffirms its dedication to leading AI-driven advancements and welcomes Prof. Philippe Gerwill to its growing network of global experts.

Source: [LinkedIn](#)



Advancing AI Innovation in India

With the **Budget 2025-26** prioritising AI adoption, research, and skilling, the AI Research Centre (AIRC) at Woxsen University is driving **AI-led advancements across key sectors, delivering proof-of-concept solutions aligned with India's development goals.**

Key Focus Areas

- **Agriculture:** AI-powered drones, UGVs, and blockchain for precision farming and supply chain transparency.
- **MSMEs:** AI-driven market analytics, blockchain-based credit assessment, and metaverse business training.
- **Quantum AI & Fintech:** AI-driven ethical decision-making, Quantum AI applications, and fintech innovation.
- **Smart Cities & Sustainability:** AI-enabled traffic management, water quality monitoring, and urban infrastructure.
- **Healthcare & Education:** AI-driven early disease detection, public service chatbots, and metaverse-based upskilling.

AIRC invites government agencies, industry leaders, and research institutions to collaborate on AI adoption, innovation, and workforce development. For inquiries, contact AIRC at Woxsen University.

Source: [LinkedIn](#)

Triple Triumph in Explainable AI Research

Three groundbreaking research papers on **Explainable Artificial Intelligence (XAI)** were accepted for presentation at **MedTech IIT Jodhpur-AIIMS Jodhpur 2025**, jointly organized by IIT Jodhpur, Rajasthan, and AIIMS Jodhpur.

These studies highlight significant advancements in the application of AI for healthcare, focusing on diagnostic accuracy, genetic analysis, and mental health assessment:

"Explainable Artificial Intelligence for Sciatica Diagnosis Using LIME", Authors: Palak Dwivedi, Ojashwini D., Pushkarraj Gattani, and Dr. Shyam Joshi, Ph.D. (IIT Delhi)

"Quantifying Genetic Contributions to Phenotypes Using SHAP Values", Authors: Shivani Anthati, Satvika Ankam, Soumita Sen, Sara Sowmya, and Dr. Shyam Joshi, Ph.D. (IIT Delhi)

"A Novel Explainable AI-Based Framework for Mental Health Assessment Using Biomarkers", Authors: Anusha Guddeti, Bhavana Koduri, and Dr. Shyam Joshi, Ph.D. (IIT Delhi)

These papers emphasized the role of XAI in enhancing medical diagnostics, predictive modeling, and mental health evaluation. By integrating advanced AI techniques, they aimed to improve transparency and reliability in healthcare applications.

This recognition marks a step forward in the ongoing efforts to bridge AI and healthcare, fostering innovation and meaningful impact in the field.

Source: [Linkedin](#)



The research work on **Necrobotics** has been published in **VOICE OF HEALTHCARE**, highlighting groundbreaking advancements in the field.

Source: [Linkedin](#)



**AI Revolutionizing
Genomics and
Healthcare at Ai
Everything Global 2025**

Call for Book Chapter Proposals in Antimicrobial Resistance (AMR)


Book Name:
Antimicrobial Resistance and Its consequences on The Global Economy: Progress Towards attaining the Sustainable Development Goals

Publisher:
Elsevier Inc. Cambridge, MA, USA


Topic:
Book chapter proposals are invited in the area of (but not restricted to):

- > Globalization and the spread of AMR
- > Addressing AMR in low- and middle-income countries
- > Ethical Considerations in the fight against AMR
- > Public health interventions to combat AMR
- > Sustainable agricultural practices to reduce AMR


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Call for Research Contributions: Publish with Elsevier on AMR

Researchers are invited to contribute to an upcoming Elsevier book on Antimicrobial Resistance (AMR), focusing on global collaboration in R&D, antibiotic stewardship, and public awareness. Contributions on AMR's societal and economic impact are highly encouraged.

Why Contribute?

- Publication with a renowned global publisher
- Opportunity to showcase expertise & expand networks
- Contribution to impactful discussions in AMR research & policy

Source: [LinkedIn](#)

Advancing Predictive Analytics in Real Estate and Infrastructure

The **AI Research Centre** at Woxsen University recently hosted a high-level discussion with **Pepe Gutiérrez**, Property Manager, USA (IREM Chicago), overseeing a portfolio of over 12,000 properties, and **Jeevan D'Mello**, President, Community Associations Institute. The engagement focused on the **impact of technology and predictive analytics** in improving real estate and infrastructure management.

The discussion also examined India's rapid economic growth and the role of **data-driven strategies in enhancing operational efficiency and customer experience**. Building on these insights, the AI Research Centre is pleased to announce a **strategic collaboration on predictive analytics in the infrastructure sector**, leveraging AI-driven solutions to drive innovation and efficiency.

Source: [LinkedIn](#)





Bridging AI Innovation: Woxsen University Enhances Indo-Japanese Cooperation

Woxsen University's **AI Research Centre** was privileged to host Japanese guests of high esteem, which led the way to innovative partnerships in AI and frontier technologies. This interaction has paved the way for corporate initiatives with top Japanese companies, internships for students, and exchange programs, providing unique international exposure to our researchers and students.

Discussions were held on collaborative research programs, strategies for **commercialising technology**, and academic-industry collaborations, upholding a shared vision to facilitate AI innovation between **Japan and India**. Knowledge exchange and cultural collaboration are at the forefront of this collaboration as it seeks to catalyse breakthroughs that will define the future of AI worldwide.

Woxsen University awaits to further this relationship, open up new horizons, and forge a long-term Indo-Japanese partnership in the realm of AI and beyond. A warm thank you to our honoured guests for their precious input and assistance in taking this mission forward.

Source: LinkedIn

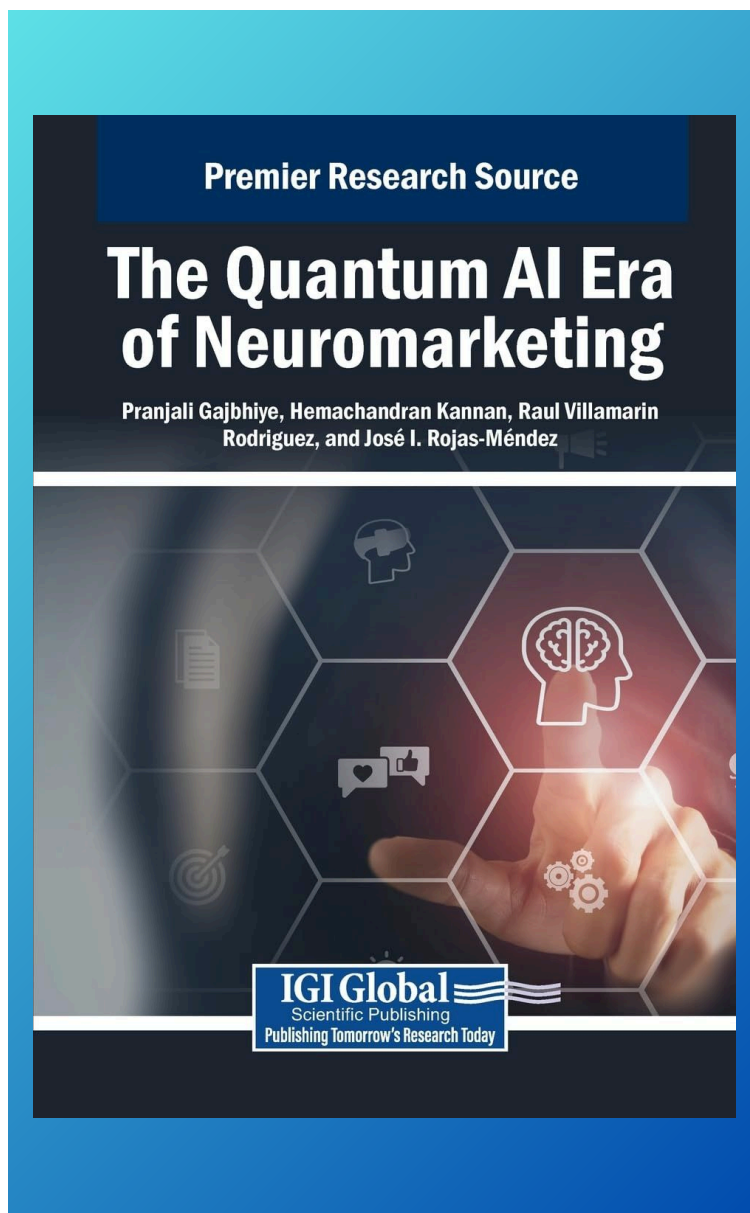
Discovering the Future: 'The Quantum AI Era of Neuromarketing' Now Available!

We are delighted to inform the publication of **"The Quantum AI Era of Neuromarketing"**, edited by **Dr. Pranjali Gajbhiye, Raul Villamarin Rodriguez, and José I. Rojas-Méndez**, and published by **IGI Global Scientific Publishing**.

This pioneering book delves into the intersection of **Quantum AI and Neuromarketing**, offering over **524 pages** of insights that reshape the future of marketing strategies through cutting-edge technologies. A valuable resource for scholars, professionals, and AI enthusiasts, this work explores **how neuroscience and artificial intelligence are revolutionising consumer behaviour analysis**.

We extend our gratitude to IGI Global for publishing this groundbreaking endeavour and to our esteemed co-authors for their expertise and collaboration. Get your copy today and discover the future of AI-powered Neuromarketing!

Source: [LinkedIn](#)



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.

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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

Esteemed Members

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INNOVATION AND
COMMERCIALISATION

