

Monthly Newsletter

By the AI Research Centre, Woxsen University

EFMD Deans Conference 2025 in Lisbon



Dr. Hemachandran K will be representing Woxsen University at the **EFMD Deans Conference 2025 in Lisbon, Portugal**, alongside **Dr. David J. Meyer**, Executive Dean – School of Business.

The conference, themed "Leading in Times of Disruption," is particularly relevant as business education continues to evolve amidst rapid advancements in AI, digital transformation, and shifting global dynamics. Taking place on **February 13th-14th, 2025** at the Marriott Hotel, Lisbon, this prestigious event will bring together global academic leaders to engage in high-impact discussions, exchange insights, and explore strategies to navigate these changes effectively. **Dr. Hemachandran K** looks forward to engaging in meaningful discussions and bringing valuable perspectives back to Woxsen University.

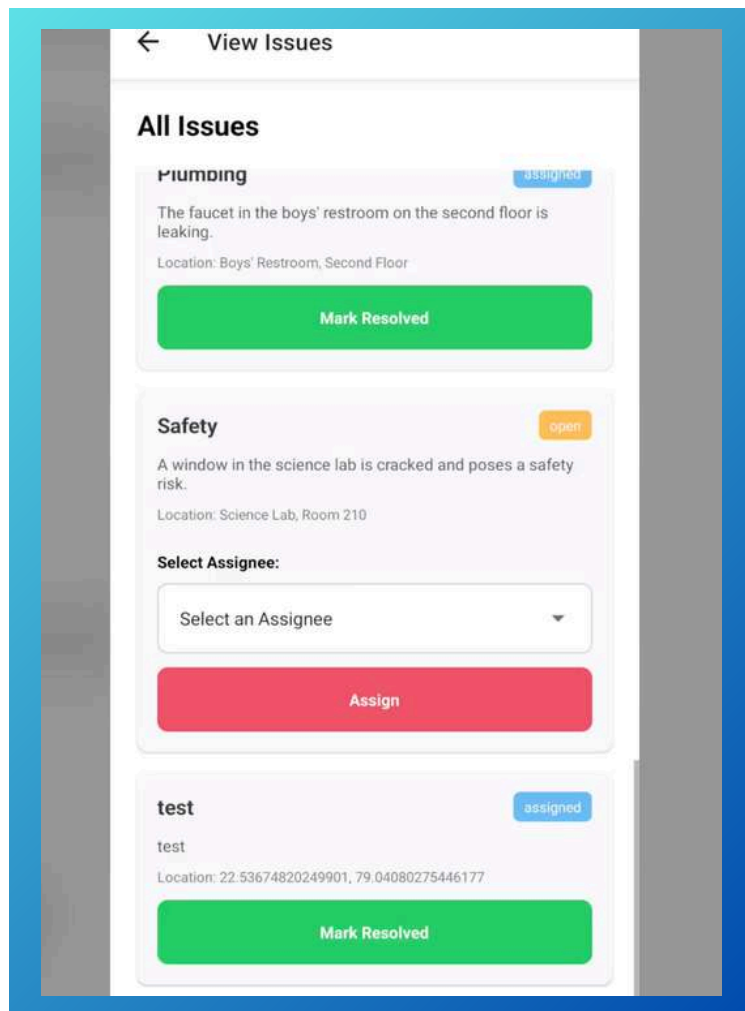
Through participation in this esteemed event, Woxsen University reaffirms its commitment to staying at the forefront of innovation in business education.

Source: [LinkedIn](#)

EduFix app developed by AI Research Centre

The **AIRC at Woxsen University** is transforming with **EduFix**, an AI solution aiming at the transformation of governance in multiple sectors. Built for enhancing transparency, efficiency, and the efficient use of resources, it simplifies all aspects concerning infrastructure reporting, fund allocations, and stakeholder engagements.

EduFix was meant for education to challenge its deflection better. Built on a robust framework, it has gone on to make an impact at the corporate, government body, and other international levels, pointing to real-time problem-solving, predictive analytics, and data-driven decision-making. **The key features of this platform include automated tracking of the infrastructure, AI-driven resource allocation, and transparent budget monitoring.** This helps to establish trust, accountability, and efficiency in governance.



Through crowdfunding integration and feedback mechanisms, it empowers the communities and institutions involved to address the challenges proactively.

EduFix is AIRC's flagship innovation, which shall revolutionize governance, reshape operational excellence, and drive systemic improvements worldwide.

Source: [LinkedIn](#)

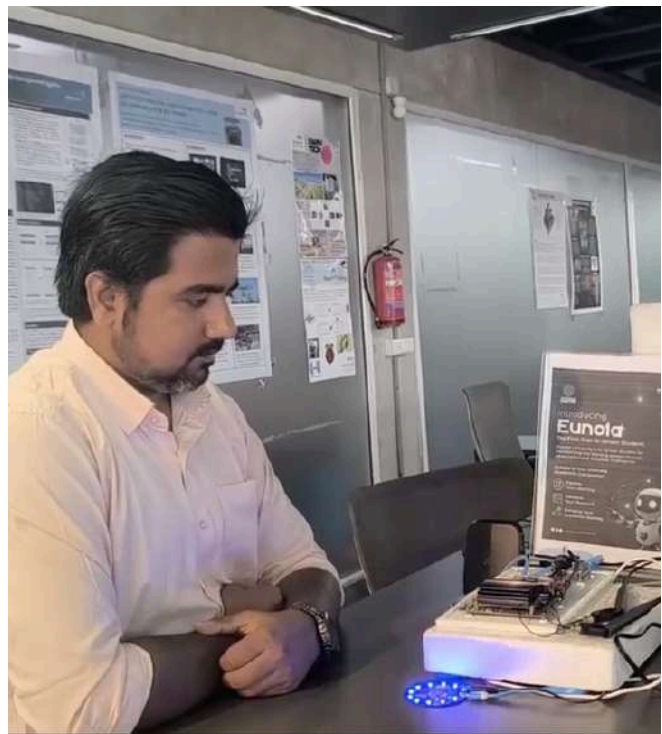
Eunoia: Pioneering the Future of Education with AI-Driven Learning

Woxsen University proudly introduced Eunoia, its **first-ever AI-Driven Student**, marking a groundbreaking moment in the evolution of education. During its debut, Eunoia extended heartfelt New Year wishes, showcasing its **ability to interact intelligently and naturally**, mirroring the capabilities of a real student.

Eunoia demonstrated advanced features, including real-time speech recognition, voice-based professor identification, and natural language processing. These capabilities were designed to revolutionize traditional learning environments, making classrooms more interactive and dynamic.

Key Features:

- **Revolutionized Learning:** It simplifies complex concepts by processing lecture content.
- **Enhanced Research:** It delivers context-aware insights, fostering data-driven collaboration.
- **Active Engagement:** It engages dynamically in discussions and group activities.



The introduction of Eunoia underscored Woxsen University's commitment to integrating cutting-edge technology into education. By bridging the gap between artificial intelligence and academia, Eunoia aims to inspire students and educators alike to explore new dimensions of learning.

This remarkable debut offered a glimpse into the transformative potential of Eunoia in shaping the future of education and reflects Woxsen's leadership in AI-driven advancements.

Source: [LinkedIn](#)

AI Research Centre Joins Forces with SDGs Center, Universitas Diponegoro



In a significant collaboration, **AI Research Centre, Woxsen University** and the **SDGs Center at Universitas Diponegoro, Central Java, Indonesia**, partnered up with a shared vision of driving innovation and contributing to the United Nations Sustainable Development Goals (SDGs) through transformative research and impactful initiatives. The collaboration combined the expertise of both institutions to pioneer advancements addressing critical global challenges while fostering sustainability and equity. By promoting knowledge exchange and cutting-edge research, this partnership laid the groundwork for innovative solutions aligned with sustainable development principles.

This collaboration marked a significant milestone in Woxsen University's efforts to contribute meaningfully to the global SDG agenda.

Source: [LinkedIn](#)

Dr. Hemachandran K to Present at AI EVERYTHING GLOBAL 2025

Dr. Hemachandran K will be speaking at AI Everything Global 2025 on February 5, 2025, at the Dubai Exhibition Centre (DEC), Expo City.

In the presentation, **"Spider-Inspired Microrobots: Revolutionizing Surgical Precision,"** Dr. Hemachandran will delve into the transformative role of AI in healthcare, focusing on Bio-Induced Necrobotics, Spider Silk Properties, and Minimally Invasive Surgery. This talk will offer valuable insights into the future of medical robotics and AI applications in advancing surgical techniques.

Source: [LinkedIn](#)





Prof. Manjeet Rege's Visit Sparks Innovation and Collaboration at Woxsen University

Woxsen University welcomed Prof. Manjeet Rege, Chair Professor at Woxsen University, Professor and Chair of the Department of Software Engineering and Data Science, and Director of the Center for Applied Artificial Intelligence at the University of St. Thomas, USA.

Prof. Rege's visit served as a catalyst for meaningful dialogue and collaboration in the realms of AI, data science, and education. Engaging with the AI Research Centre team, he delved into ongoing projects, offering valuable insights and strategic feedback that motivated faculty, researchers, and students alike to elevate their pursuits in innovation and research excellence.

This impactful exchange not only strengthened academic ties but also set the stage for transformative advancements in education and technology.

Source: [LinkedIn](#)

Masterclass on Hyperpersonalized AI at Concello de Ponte Caldelas

Dr. Raul Villamarin Rodriguez conducted an official Masterclass on **Hyperpersonalized AI** at the **Concello de Ponte Caldelas** (City Council) as part of the collaboration between Spain and India.

The session included discussions on Woxsen University's initiatives in strengthening this partnership between the two nations.

Source: [LinkedIn](#)



Exploring the Future of Sustainable Business at Woxsen University's Future Tech Summit

Woxsen University hosted a dynamic panel discussion on "Future Trends of Sustainable Business" moderated by **Dr. Pranjali Gajbhiye** at the Future Tech Summit 2024. The session brought together leading voices in the field, including **Konrad Gunesch**, Dean of the School of Humanities and Liberal Arts; **Dr. David J. Meyer**, Dean of the School of Business; and **Luis Angel Osorio, Ph.D.**, Assistant Dean for Corporate Alignment at Woxsen University. Focused on the **Triple Bottom Line—People, Planet, and Profit**—the discussion explored the powerful intersection of **AI, corporate communication, and sustainable business practices**. The panelists provided diverse and thought-provoking insights into how businesses can adapt to the evolving landscape of sustainability while embracing innovation.

This session highlighted the importance of collaboration between academia and industry in shaping a sustainable future. It was an enriching dialogue that highlighted the critical role of interdisciplinary approaches in driving global sustainability efforts.

Dr. Rajesh Kumar K V from the AI Research Centre facilitated this impactful discussion. The conversations sparked at this event were the beginning of the journey toward more sustainable business practices.

Source: [LinkedIn](#)



AI Research Centre unveils its **First-Ever Tech Magazine** — a milestone achievement showcasing innovation and thought leadership at the forefront of Artificial Intelligence and Research.



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ICSCI 2025 Unlocking New Frontiers in Cognitive Science & Computational Intelligence

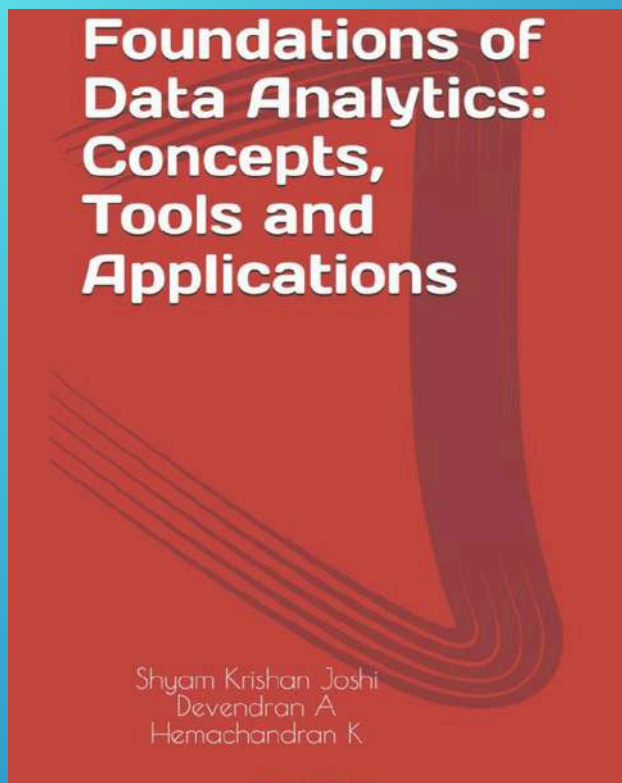
Scheduled for 24th–25th April 2025 at the **AI Research Centre, Woxsen University, Hyderabad, India**, ICSCI 2025 is set to bring together **renowned academicians, visionary researchers, and industry leaders** to explore transformative advancements in Cognitive Science, Artificial Intelligence (AI), and Computational Intelligence.

The conference will feature prominent **keynote speakers, engaging panel discussions, and unparalleled networking opportunities**, fostering collaboration and innovation across a wide spectrum of fields. Attendees can delve into cutting-edge topics such as **Neurocomputational Intelligence, Brain-Computer Interfaces, Human-Computer Interaction**, and more, bridging the gap between theoretical research and practical applications in areas like healthcare, robotics, and data analytics.

This will serve as a dynamic platform for knowledge exchange, encouraging partnerships that drive impactful research and shape the future of AI and cognitive science.

Source: [LinkedIn](#)

Pioneering Knowledge: Foundations of Data Analytics– Concepts, Tools, and Applications Now Available!



Access the Book Here:

- Paperback:
<https://lnkd.in/gpyVzQja>
- Kindle eBook:
<https://lnkd.in/grgj8D5h>

The AI Research Centre at Woxsen University proudly announces the publication of a groundbreaking book, “**Foundations of Data Analytics: Concepts, Tools and Applications**” now available on Amazon.

This remarkable achievement is the result of the collaborative efforts of distinguished co-authors, **Dr. Shyam Krishan Joshi, Dr. Devendran A, and Dr. Hemachandran K.**

The book serves as a comprehensive resource, **providing profound insights and fostering exploration** in the transformative **field of data analytics.**

The publication highlights the **critical role of data analytics in today's business landscape,** where organizations increasingly depend on data-driven strategies. It highlights how the ability to analyze vast amounts of data is crucial for anticipating trends, improving operational efficiency, and gaining a competitive edge in an increasingly data-centric world.

This book exemplifies the AI Research Centre's **unwavering commitment to advancing knowledge and innovation.**

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.

Contact Us

-  airc.woxsen.edu.in
-  airesearchcentre@woxsen.edu.in
-  Kamkole, Sadasivpet, Hyderabad, Telangana, 502345



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

AI Research Centre, Woxsen University



DR. RAUL V. RODRIGUEZ
VICE PRESIDENT
WOXSEN UNIVERSITY



DR. HEMACHANDRAN K
DIRECTOR
AI RESEARCH CENTRE



DR. RAJESH KUMAR K V
CHIEF TECHNOLOGICAL
SCIENTIST



DR. SHYAM JOSHI
CHIEF RESEARCH
SCIENTIST



PROF. MANUEL RINCON
DIRECTOR OF EXECUTIVE
EDUCATION



DR. CHHAVI SHARMA
SENIOR RESEARCH
SCIENTIST



PROF. ARUN KUMAR SINGH
AI LEAD & RESEARCH
SCIENTIST



DR. DEBAJYOTI BOSE
RESEARCH SCIENTIST



DR. RIYA BHATTACHARYA
RESEARCH SCIENTIST



DR. PRANJALI GAJBHIYE
NEUROSCIENTIST



MS. ANAMYA N S
LEAD RESEARCH ASSOCIATE



MR. VINEET SINGH
RESEARCH ASSOCIATE



MR. VIGNESH RAVICHANDRAN
MANAGER



MR. ADARSH MADDU
OUTREACH MANAGER



MR. TARUN KOTAGIRI
INNOVATION AND
COMMERCIALISATION

