

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.

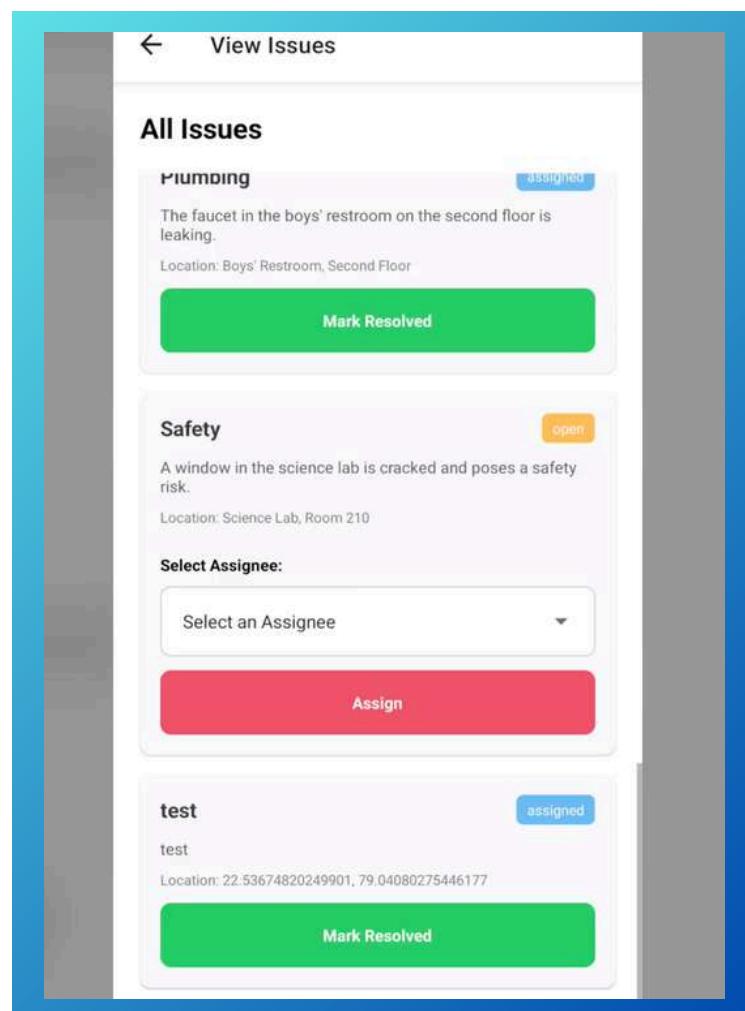
Through participation in this esteemed event, Woxsen University reaffirms its commitment to staying at the forefront of innovation in business education.

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](#)

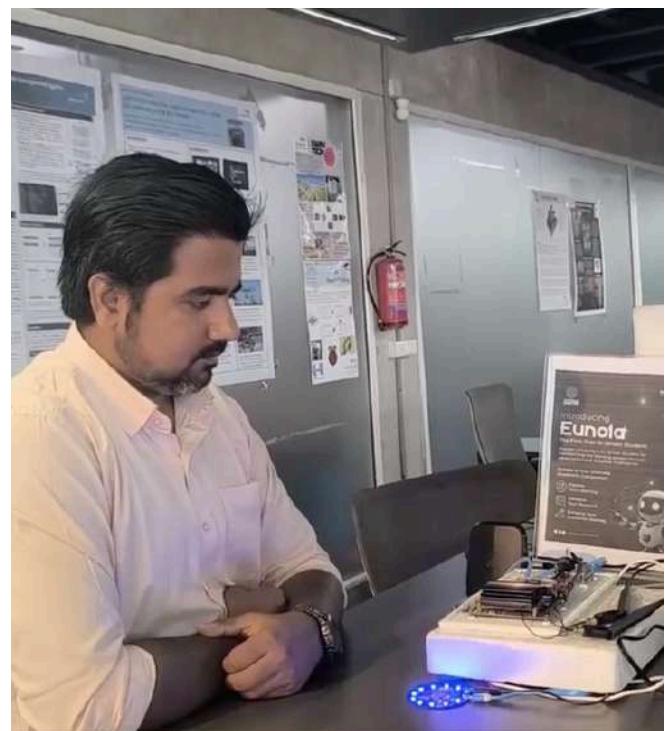
Eunoia: Pioneering the Future of Education with AI-Driven Learning

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.

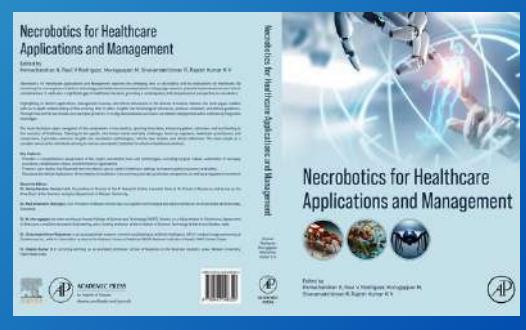
Source: [LinkedIn](#)

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](#)





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](#)

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](#)



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



[Click to download](#)

CALL FOR PAPERS:
INTERNATIONAL CONFERENCE ON
INTEGRATING
COGNITIVE SCIENCE & COMPUTATIONAL
INTELLIGENCE (ICSCI 2025)

Prospective authors are invited to submit their original research contribution in the following tracks:

- Track 1: Cognitive Modeling and Neurocomputational Intelligence
- Track 2: Brain-Computer Interfaces and Human-Computer Interaction
- Track 3: Ethics and Cognitive AI in Decision-Making and Behavioral
- Track 4: Transformative Applications of Artificial Intelligence

CONVENERS

- Dr. Pranali Gajbhiye
Neuroscientist-Assistant Professor
AI Research Centre, Woxsen University
- Dr. Shyam Krishan Joshi
Chief Research Scientist
AI Research Centre, Woxsen University

IMPORTANT DATES

- Deadline Submit Paper: January 31st, 2025
- Acceptance Notification: Feb 15th, 2025
- Deadline Camera Ready: March 15th, 2025

REGISTRATION FEE

UGC	Rs 7500
Research Scholars	Rs 8500
Academics / Professionals	Rs 9500

Conference proceedings will be published in Springer's CCIS series.
ICSCI 2025 will follow a double-blind review process. Authors can include their names and affiliations in the manuscript. Also, the authors can submit their arXiv papers in ICSCI 2025.

Submission Link

QR Code

INTERNATIONAL CONFERENCE ON
INTEGRATING
COGNITIVE SCIENCE & COMPUTATIONAL
INTELLIGENCE (ICSCI 2025)

24th-25th April, 2025
Woxsen University, Hyderabad

CONFERENCE TRACKS:

- Track 1: Cognitive Modeling and Neurocomputational Intelligence
- Track 2: Brain-Computer Interfaces and Human-Computer Interaction
- Track 3: Ethics and Cognitive AI in Decision-Making and Behavioral
- Track 4: Transformative Applications of Artificial Intelligence

KEYNOTE SPEAKERS

Dr. Pranali Gajbhiye
Neuroscientist-Assistant Professor
AI Research Centre, Woxsen University

Dr. Virendra Singh
Professor, Department of Electrical Engineering,
National Institute of Technology, Jalandhar, India

Dr. R.P. Adhikari
IIT Madras, Chennai, India
International Conference on
Neurocomputing and Machine Learning

Dr. Rajesh Kumar Gooley
Assistant Professor
Department of Electrical Engineering,
University of Illinois Urbana-Champaign, USA

Dr. Srinivasulu
Professor, Department of Electrical Engineering,
University of Illinois Urbana-Champaign, USA

Dr. Mousumi Das
Professor, Department of Electrical Engineering,
University of Illinois Urbana-Champaign, USA

Dr. T. A. Mohamed Ali
Professor, Department of Electrical Engineering,
University of Illinois Urbana-Champaign, USA

Information

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ICSCI 2025

Unlocking New Frontiers in Cognitive Science & Computational Intelligence

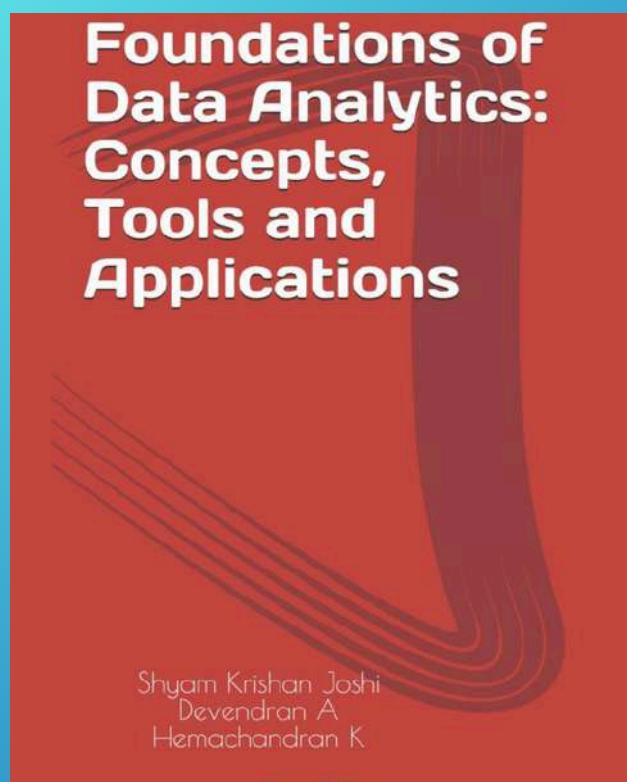
Scheduled for 24th-25th April 2025 at the AI Research Centre, Woxsen University, Hyderabad, India, ICSCI 2025 is set to bring together renowned academicians, visionary researchers, and industry leaders to explore transformative advancements in Cognitive Science, Artificial Intelligence (AI), and Computational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



Our Projects



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 to 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

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Core Pillars

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

Strategic Partners



The logo consists of a stylized blue hexagon composed of three interlocking L-shaped blocks, with the text "AI RESEARCH CENTRE" stacked below it in a bold, sans-serif font.



AI RESEARCH CENTRE

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
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COMMERCIALISATION



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