

# 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.

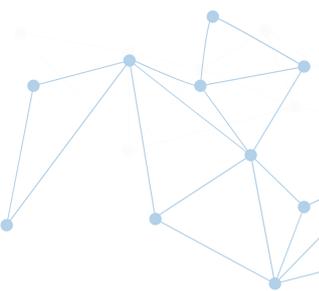


# Strengthening AI Governance Through Board Oversight and Accountability



As organizations begin to use artificial intelligence for all their business functions, their board of directors take over governance responsibilities to maintain organizational accountability and operational transparency and to protect ethical artificial intelligence usage. Organizations need to establish governance systems which allow them to monitor their artificial intelligence systems and assess potential dangers and their effects on different groups. The AI Research Centre at Woxsen University advocates board supervision as an essential element which helps organizations implement accountable artificial intelligence methods while meeting legal requirements and building public confidence. Organizations achieve safe artificial intelligence growth through enhanced governance systems which help them meet both their ethical standards and business goals.

# Necrobotics – Transforming the Future of Healthcare Robotics



 **DAH Scientific Research Center**

## Necrobotics: Shaping the Future of Healthcare

**Dr. Raúl V. Rodríguez**  
Vice President of Woxsen University

The session will also address ethical considerations, regulatory perspectives, and cultural sensitivities, highlighting how necrobotics is moving from proof-of-concept research toward potential clinical applications and opening new interdisciplinary pathways in medical technology.

**29** January  
**Thursday**

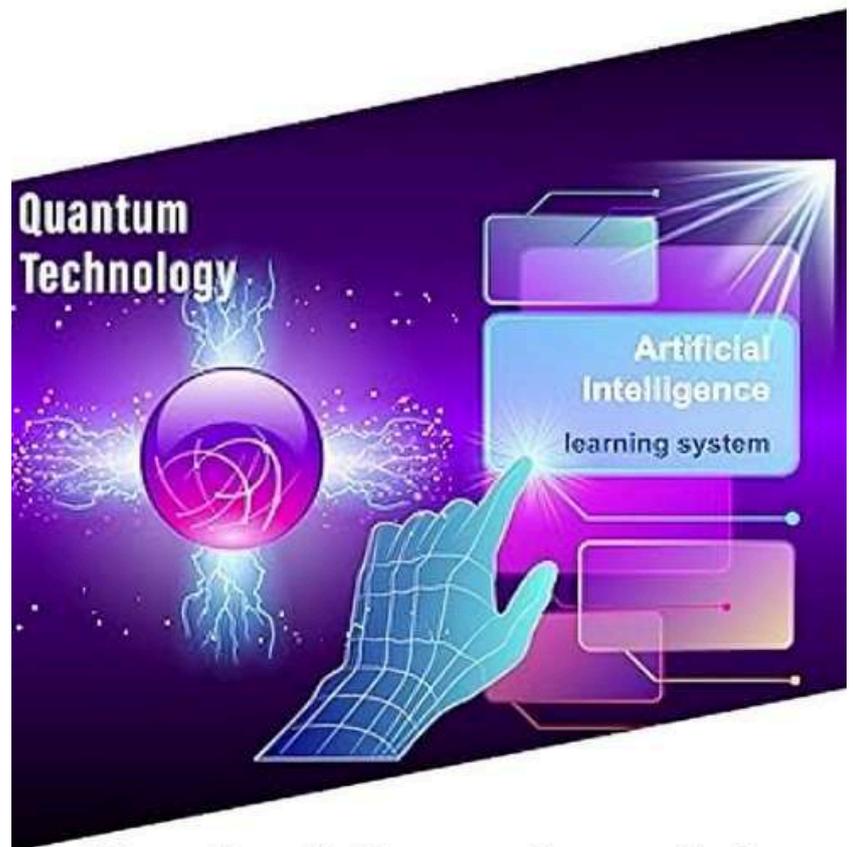
1:00-2:00 PM  
Teams



The emerging interdisciplinary field of necrobotics combines biology and robotics to develop innovative healthcare technologies which show potential as a future medical advancement. Dr. Hemachandran K leads research which studies how biological structures can be used to enhance surgical accuracy and develop advanced medical technology through robotic systems. The use of AI combined with robotics and bio-inspired design enables necrobotics to develop tools which support less invasive medical procedures and enhance operational efficiency. The research demonstrates how robotics in healthcare has become essential while it showcases how innovative research contributes to development of future medical technologies.

# Quantum AI Leadership – Preparing Leaders for the Next Technological Revolution

The development of artificial intelligence and quantum computing continues to transform different business sectors which requires organizations to adapt their leadership methods in order to handle these new technical complications. The AI Research Centre at Woxsen University highlights the importance of Quantum AI Leadership which integrates AI, quantum computing principles, and strategic management frameworks. The initiative teaches leaders, researchers, and students to manage AI-enabled organizations by introducing Quantum Natural Language Processing and scalable AI implementation as fundamental concepts. The future-oriented strategy enables upcoming leaders to manage digital transformation while utilizing new technologies to drive innovation and business expansion.

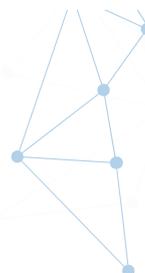


## Coded Leadership

Developing Scalable Management in an AI-induced Quantum World



EDITED BY  
Raul Villamarin Rodriguez  
Piniseti Swami Sairam  
Hemachandran K

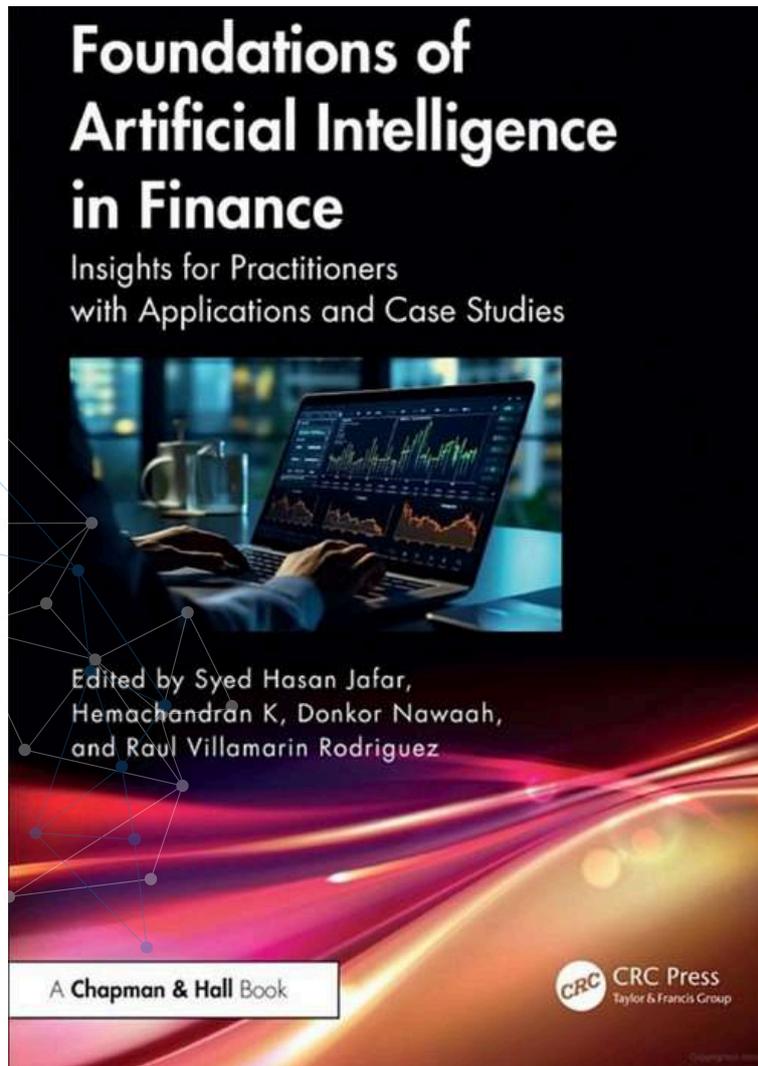


# Advancing Innovation Through AI Engineering and Machine Learning Education

The poster for the Eduinx AI Systems Engineering Summit 2026 is set against a dark blue background with white and light blue text and graphics. At the top left is the Eduinx logo with the tagline 'LEAD WITH SKILLS'. To the right is a decorative grid of white dots. The main title 'AI SYSTEMS ENGINEERING SUMMIT 2026' is in large, bold, white capital letters. Below it, the subtitle 'FROM LLMS TO PRODUCTION-GRADE RAG & AGENTIC SYSTEMS' is in smaller white capital letters. A central text block reads 'Learn from 10+ Enterprise AI Builders Built by Experts. Accelerated for You.' To the right is a circular portrait of Dr. Hemachandran K, a man with a mustache wearing a dark suit and light blue shirt. Below the portrait is a white rounded rectangle containing his name 'Dr. Hemachandran K' and his title 'Director- AI Research Centre & Vice Dean'. To the left of the portrait, the date and time '7TH MARCH, 2026 AT 10:30 AM' are listed. Below the date are three contact icons: a phone, a globe, and an email, with their respective details: '+91 7411 464 640', 'www.eduinx.com', and 'support@eduinx.com'. A hashtag '#BuildRealAI' is positioned to the right of the contact information. At the bottom left is another decorative grid of white dots. At the bottom right, there is a small logo for 'WOKSEN U' and a faint network diagram consisting of blue lines and dots.

Eduinx demonstrates how AI Engineering with Artificial Intelligence and Machine Learning technologies have become essential for student development in future technology. The students acquire practical skills through hands-on learning and project-based training and skill development initiatives, which enable them to design and deploy intelligent systems. The programs help students develop AI and ML skills which have become essential across various industries while they learn to create innovative solutions that lead to jobs in new technology sectors.

# New Book on Generative AI and Business Behavior Officially Announced



A new book titled *Minds Unveiled: Exploring the Effects of Generative AI on Business Behavior*, co-edited by Dr. Hemachandran K, has been officially announced, offering valuable insights into how generative AI is reshaping leadership, decision-making, and organizational dynamics. The book which CRC Press and Taylor & Francis Group published examines how artificial intelligence intersects with psychology and business behavior. The publication combines academic research with practical perspectives to create a comprehensive resource which helps researchers professionals and students understand how AI will shape business and human decision-making in the future.

# Generative AI Reshaping the Future of Higher Education in India



## Beyond tools: An AI governance roadmap for universities

 University World News  
9,845 followers



February 25, 2026

**INDIA:** The novelty of generative AI is behind us. In 2026, Indian higher education will no longer be asking whether AI will disrupt campuses but how to embed it responsibly into everyday academic life, argue Hemachandran Kannan and Raul Villamarin Rodriguez.

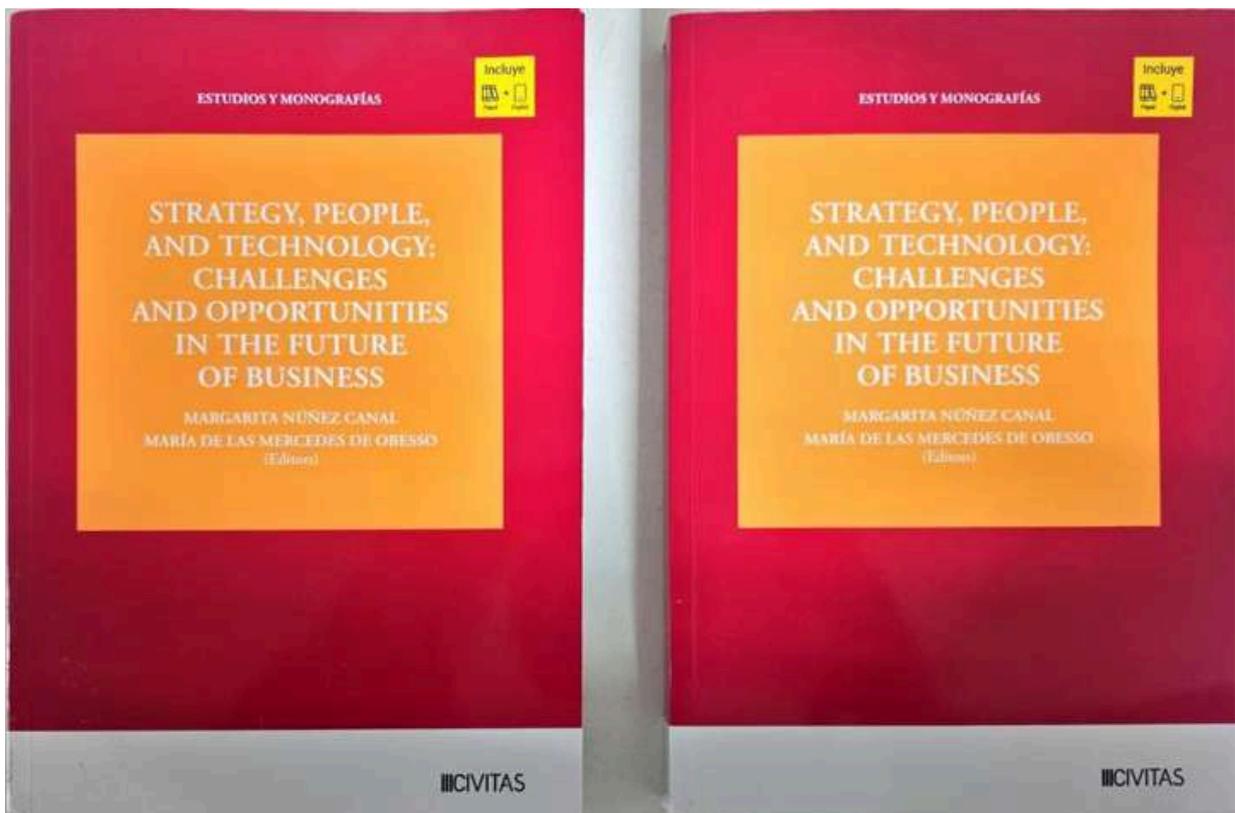
With India's tech industry expected to cross US\$280 billion in annual revenue and AI projected to add about US\$1.7 trillion to the economy by 2035, universities are emerging as key sites where India's sovereign AI ambitions will either take shape or stall.

The IndiaAI Mission embodies this ambition. Backed by more than INR103 billion (US\$1.1 billion) and a national compute backbone of approximately 38,000 GPUs, it aims to build an open, affordable AI ecosystem with strong domestic capabilities.

For vice-chancellors and directors, this changes the conversation. It is no longer sufficient to license Copilot, Gemini, or the next foundation model and hope for the best results. The central question is governance: how to harness these tools while managing the legal, ethical, social and psychological risks that accompany them.

Generative AI is changing the educational system in India by creating new methods for teaching and conducting research and establishing learning spaces. Indian universities are adopting AI tools to improve student learning outcomes and academic productivity and drive innovative research because India currently holds the top position in Global GenAI enrollment and adoption rates. The country demonstrates its quick development into a digital economy which relies on artificial intelligence technologies. Educational institutions need to establish proper systems for their artificial intelligence technology implementation to handle emerging prospects along with their responsibility for ethical technology deployment. The increasing use of Generative AI demonstrates its ability to completely change higher education while teaching students the skills needed for future careers that depend on intelligent technological systems.

## AI Driving the Future of ESG and Sustainable Innovation



Artificial Intelligence is rapidly transforming how organizations approach sustainability and ESG (Environmental, Social, and Governance) goals. AI enables businesses to enhance their transparency and accountability through its automated reporting and advanced data analysis and risk monitoring capabilities. The AI Research Centre at Woxsen University operates as a research institution which studies how organizations should merge artificial intelligence with sustainability frameworks to develop responsible innovation practices. ESG has become a global priority because AI drives sustainable practices while enhancing compliance and generating enduring environmental and social results.

# Springer Nature Spotlight: Exploring India's Hidden Champions

The screenshot displays the Springer Nature website interface. At the top, there is a navigation bar with 'SPRINGER NATURE Link' on the left and 'Log in' on the right. Below this, a secondary navigation bar includes 'Find a journal', 'Publish with us', 'Track your research', a search icon, and 'Search'. On the far right of this bar are 'Saved research' and 'Cart' icons. The main content area features a breadcrumb trail: 'Home > Hidden Champions in Rising Economies > Chapter'. The chapter title 'Hidden Champions of India' is prominently displayed, followed by the text 'Chapter | First Online: 29 January 2026' and 'pp 341–361 | Cite this chapter'. To the right of the text is a book cover for 'Hidden Champions in Rising Economies'. Below the book cover is the text 'Hidden Champions in Rising Economies'. On the left side of the page, the authors 'T. Revathi', 'Revanth Kumar Guttena & K. Hemachandran' are listed. Below the authors, it states 'Part of the book series: Contributions to Management Science ((MANAGEMENT SC.))' and '17 Accesses'. On the right side, there is a box titled 'Access this chapter' with a 'Log in via an institution' button. Below this is a 'Subscribe and save' section with a 'Springer+' logo and the text 'from €37.37 /Month'.

The Springer Nature chapter "Hidden Champions of India" shows how Dr. Hemachandran K demonstrates that less prominent Indian companies attain worldwide success by pursuing innovation and executing their business plans systematically. The research establishes an academic connection to the field through its actual industrial partnerships which provide essential information to students and researchers and industry experts while demonstrating the AIRC's capacity to create important research in practical management fields.

# India's AI Ambitions and the Need for Structured Governance in Higher Education

INDIA

## Beyond tools: An AI governance roadmap for universities

Hemachandran K and Raul Villamarin Rodriguez 17 February 2026



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into everyday academic life.

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India's AI development efforts through multiple national initiatives including the IndiaAI Mission require universities to develop formal governance systems which will help them achieve responsible AI deployment. The focus now moves from testing new technologies to implementing strategies that help organizations manage their ethical and legal and operational challenges. The AI Research Centre at Woxsen University demonstrates that accountability together with transparency and strategic planning are essential components for developing AI systems which will support academic research while protecting institutional integrity. The structured approach establishes essential requirements which universities and students must fulfill to succeed in the future AI-driven world.

# Advancing Skills Through AIRC PG Certification in AI and Emerging Technologies

The AIRC PG Certification program represents an important step toward preparing students for the rapidly evolving AI-driven future. The program provides students with practical industrial skills through its combination of theoretical knowledge and real-world experience.

The graphic features the logos for AI Research Centre and Woxxen University. The main text reads: "Stop Using Tools. Start Building the Engine. PG Certificate in Artificial Intelligence & Data Science". Below this, a wrench icon is shown on the left, with a blue arrow pointing to a complex neural network diagram on the right. Under the wrench is the text "Surface Level: Using Pre-built Tools", and under the diagram is "Depth: Building the Engine & Foundations". A central paragraph states: "Refuse to stay at the surface level. Master the rigorous foundations of mathematics, statistics, and data engineering." The bottom line reads: "Outcome: Build robust, production-oriented systems and transition into high-impact roles like ML Engineer and Data Scientist." A small "NotebookLM" logo is in the bottom right corner.

PG-level certification programs are increasingly recognized for their role in enhancing employability, supporting academic growth, and enabling students to contribute to innovation in artificial intelligence and emerging technologies. This initiative reflects the growing importance of specialized AI education in shaping the next generation of technology professionals.

# Call for Papers in Bio-Inspired Healthcare & AI (2026)

**AI RESEARCH CENTRE** | **WOXSEN UNIVERSITY**

## INTERNATIONAL CONFERENCE ON BIOMIMETIC BIOTECHNOLOGY & HEALTHCARE INNOVATION

**18th Mar, 2026**

### CALL FOR PAPERS

**KEYNOTE SPEAKERS**



**Dr. Narendra Chirmule**  
Co-founder & CEO,  
SymphonyTech Biologics,  
Philadelphia, USA



**Dr. Vihang Ghalsasi**  
Chief Scientific Officer, Iuva  
Labs, IIT Bombay  
PhD, Heidelberg University

**THEMES**

- Bio-Inspired Medical Technologies
- Biomimetic Robotics & Devices
- AI-Driven Healthcare Innovations
- Genomics & Computational Biology
- Advanced Cancer Diagnostics
- Nanotechnology & Synthetic Biology
- Challenges in Bio-Inspired Medicine

**REGISTRATION FEES**

Academicians	4000 INR
PhD Scholar	2500 INR
International Authors	6000 INR (USD 70)
Only Participation	1000 INR

**IMPORTANT DATES**

15th Feb, 2026	22nd Feb, 2026	4th Mar, 2026	10th Mar, 2026	18th Mar, 2026
Abstract Submission	Acceptance Notification	Full Paper Submission	Camera-Ready Paper	Conference Date

**Organizing Committee:**

**Conveners**  
Dr. Riya Bhattacharya  
Dr. Debajyoti Bose

**Co-conveners**  
Dr. Chhavi Sharma

**SCAN THIS QR TO SUBMIT ABSTRACT**



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A major international research conference scheduled for 2026 is inviting submissions in cutting-edge fields such as bio-inspired medical technologies, biomimetic robotics, AI-driven healthcare, genomics, cancer diagnostics, and synthetic biology. The event will bring together global keynote speakers from academia and industry, providing a valuable platform for researchers to present their work, publish findings, and build collaborations. The conference uses its interdisciplinary approach and networking opportunities to help scientists create new solutions that combine biological research with artificial intelligence and healthcare technology development.

# Esteemed Members

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AI Research Centre, Woxsen University

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**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 COMMERCIALISATION



## 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

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-  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