ENTREPRENEURSHIP, INNOVATION AND SOCIETY CONFERENCE (EIS 3.0)

AI AND SUSTAINABLE SOLUTIONS FOR A CIRCULAR ECONOMY
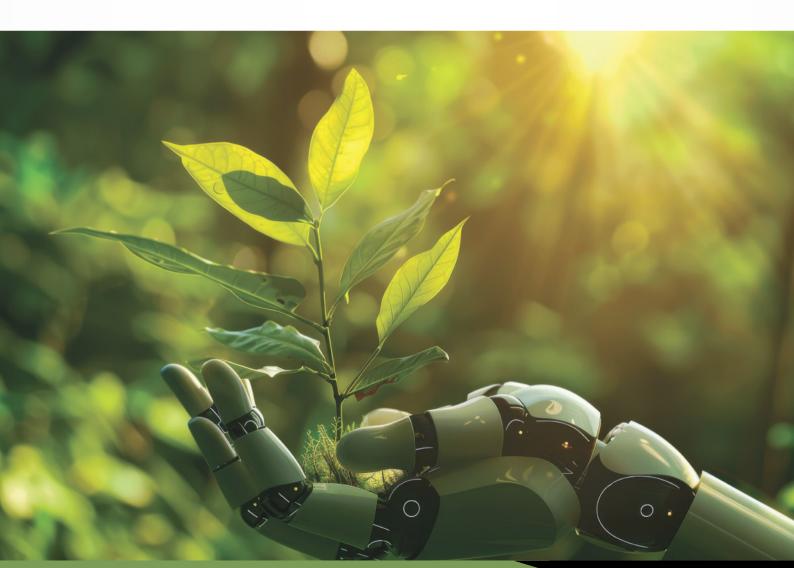
19-20 FEB, 2025

BMU
BML Munjal University

10 YEARS OF EXCELLENCE

ENTREPRENEURSHIP, INNOVATION AND SOCIETY CONFERENCE
19-20 FEBRUARY, 2025

CALL FOR PAPERS

International Conference on Entrepreneurship, Innovation and Society: AI and Sustainable Solutions for a Circular Economy

The International Conference on Entrepreneurship, Innovation and Society: AI and Sustainable Solutions for a Circular Economy seeks to shed light on the transformative potential of technology and entrepreneurship in fostering sustainable practices in an era characterised by rapid technological advancement and growing environmental concerns. This conference provides a crucial forum for academics, businesspeople, and thought leaders to come together and discuss creative ways to use artificial intelligence (AI) to build a circular economy.

This conference, organised by the Institute of Innovation and Entrepreneurship in collaboration with the School of Management, School of Law, School of Engineering and Technology, and School of Liberal Studies, brings together diverse voices from a variety of disciplines, including sociology, technology, education, management, psychology, and economics. Our objective is to address major global issues by creating a collaborative environment that emphasises the combination of technology, entrepreneurship, and sustainability.

The theme, *"AI and Sustainable Solutions for a Circular Economy,"* reflects our commitment to exploring how AI-driven innovations can facilitate eco-friendly practices and foster inclusive entrepreneurship. Throughout this enriching two-day conference, participants will engage in thought-provoking discussions across key tracks:

CONFERENCE TRACKS

1. Sustainable Tech for Social Good

The "Sustainable Tech for Social Good" track explores the use of technology to tackle societal issues and promote sustainability. It covers IoT solutions for environmental monitoring, renewable energy innovations, smart waste management, sustainable agriculture, digital platforms for community engagement, and disaster management. The track encourages submissions that explore the social, economic, and environmental impacts of these technologies, focusing on how they improve community well-being, create economic opportunities, and contribute to equitable development. The track aims to provide a holistic view of technology's role in building a sustainable future.

- **IoT Solutions for Environmental Monitoring:** IoT-based sensors and systems provide real-time data to monitor air and water quality, helping to track environmental changes and improve resource management.
- **Renewable Energy Innovations:** Advancements in solar, wind, and bioenergy technologies offer clean, efficient alternatives to traditional energy sources, reducing carbon emissions and supporting sustainable energy transitions.
- **Smart Waste Management Systems:** Automated waste management systems use AI and data analytics to optimise collection, recycling, and disposal processes, reducing environmental impact and improving urban sanitation.
- **Sustainable Agriculture Technologies:** Precision farming, AI-powered irrigation, and drone-based crop monitoring enhance agricultural productivity while minimising resource use and environmental strain, ensuring sustainable food production.
- **Digital Platforms for Community Engagement:** Mobile apps, social media, and AI-driven platforms foster civic participation, improve access to health and education services, and empower communities to drive social change.
- **Technology in Disaster Management and Relief:** IoT and AI-enabled early-warning systems and disaster response technologies enhance preparedness and recovery efforts, helping save lives and minimise damage during crises.
- **Technology for Social Inclusion:** Fintech solutions and digital platforms for financial inclusion provide marginalised communities with access to essential services, promoting economic empowerment and reducing inequality.

2. Circular Economy & Entrepreneurship

The "Circular Economy & Entrepreneurship" track explores sustainable business models and practices, focusing on resource efficiency, waste reduction, and material use. It highlights the intersection of entrepreneurship and circular economy principles, emphasising longevity, waste-to-resource innovations, resource sharing, closed-loop supply chains, and regenerative business practices. Policy frameworks for supporting circular economies will be addressed, and participants will engage with thought leaders to drive entrepreneurship, foster sustainability, and create lasting positive change.

- **Designing for Longevity:** Creating products with durability and repairability in mind minimises waste and encourages consumers to invest in items that last longer.
- **Waste-to-Resource Innovations:** Innovative technologies and processes can convert waste materials into valuable resources, reducing environmental impact while generating new economic opportunities.
- **Business Models for Resource Sharing:** Collaborative consumption models enable individuals and organisations to share products and services, optimising resource use and fostering community engagement.
- **Closed-Loop Supply Chains:** By reclaiming and recycling materials at the end of a product's life cycle, companies can create sustainable supply chains that reduce waste and reliance on new resources.

CONFERENCE TRACKS

- **Regenerative Business Practices:** These practices focus on restoring and replenishing natural ecosystems while providing economic value, promoting biodiversity, and enhancing environmental health.
- **Policy Frameworks for Supporting Circular Economies:** Effective regulations and incentives are essential for encouraging businesses to adopt circular economy principles, fostering collaboration and innovation in sustainable practices.

3. AI & Digital Transformation in Entrepreneurship

The "AI & Digital Transformation in Entrepreneurship" track delves into the transformative role of AI and digital technologies in modern business practices and entrepreneurship. As digitalisation accelerates, AI drives innovation, optimising operations, enhancing customer experiences, and developing sustainable solutions. AI is used for predictive analytics, allowing entrepreneurs to forecast trends and make informed decisions. Machine learning is used for sustainable product development, optimising design and manufacturing processes. AI is also used in supply chain optimisation, improving inventory management and logistics. Chatbots and customer engagement are crucial for entrepreneurship, enabling personalised support and improved user experience. Ethical AI development is emphasized, emphasizing transparency, fairness, and accountability. The discussion will also explore AI-enabled business models, focusing on creating innovative value propositions, enhancing operational efficiency, and gaining competitive advantages in a rapidly evolving marketplace.

- **AI for Predictive Analytics in Business:** By analysing historical data and identifying trends, AI enables businesses to forecast future outcomes and make strategic decisions that enhance efficiency and profitability.
- **Machine Learning for Sustainable Product Development:** Machine learning algorithms can optimise the design and production processes, allowing companies to create eco-friendly products while minimising waste and resource consumption.
- **AI in Supply Chain Optimisation:** AI technologies improve supply chain efficiency by predicting demand, optimising inventory levels, and enhancing logistics, ultimately reducing costs and increasing responsiveness.
- **Chatbots and Customer Engagement:** AI-powered chatbots provide instant, personalised support to customers, improving engagement and satisfaction while freeing up human resources for more complex inquiries.
- **Ethical AI Development:** Developing AI responsibly involves ensuring fairness, transparency, and accountability in AI systems, thereby building trust and safeguarding the interests of consumers and society.
- **AI-enabled Business Models for the New Economy:** Entrepreneurs can leverage AI to create innovative business models that enhance customer experiences, drive efficiency, and enable new revenue streams in a rapidly changing market landscape.

4. Green Manufacturing & Industrial Innovation

The "Green Manufacturing & Industrial Innovation" track aims to explore sustainable practices and innovative technologies in the manufacturing sector, focusing on reducing environmental footprints and driving operational efficiency. It will explore sustainable materials, energy efficiency, additive manufacturing, lifecycle assessment, and smart factories. Eco-friendly materials can minimize waste and pollution, while advanced technologies optimize energy use, lower operational costs, and reduce greenhouse gas emissions. 3D printing technologies enable precise production, while lifecycle assessment evaluates environmental impacts throughout products' lifecycle.

Smart factories and automation integrate IoT devices, data analytics, and automation technologies, enhancing operational efficiency and real-time resource usage monitoring. Participants will engage with thought leaders and innovators in green manufacturing to foster economic growth and positive environmental impact.

CONFERENCE TRACKS

- **Sustainable Materials and Processes:** Utilising eco-friendly materials and innovative processes minimises environmental impact and promotes responsible manufacturing practices.
- **Energy Efficiency in Manufacturing:** Implementing energy-efficient technologies and practices significantly reduces energy consumption, lowers costs, and minimises greenhouse gas emissions.
- **Additive Manufacturing and Sustainability:** 3D printing technologies facilitate precise production, reducing waste and enabling the creation of complex designs with minimal material usage.
- **Lifecycle Assessment in Industrial Production:** Analysing the environmental impact of products throughout their entire lifecycle helps manufacturers identify opportunities for sustainability improvements.
- **Smart Factories and Automation:** Integrating IoT and automation technologies enhances operational efficiency, optimizes resource usage, and enables real-time monitoring for greener manufacturing processes.

5. Social Innovation & Inclusive Entrepreneurship

The "Social Innovation & Inclusive Entrepreneurship" track aims to promote inclusive economic growth and social change by leveraging technology and innovative business models. It emphasises the empowerment of marginalised communities and sustainable solutions to social challenges. Key themes include empowering women entrepreneurs, enhancing access to resources, networks, and markets, and promoting gender equality. Microfinance and technology play a crucial role in making financial services more accessible to underserved populations. Technology-enabled vocational training equips individuals with essential skills for employment or entrepreneurship. Community-based business models and public-private partnerships are explored for social impact. Youth entrepreneurship is also highlighted, empowering young people to develop entrepreneurial skills and create job opportunities.

- **Empowering Women Entrepreneurs through Technology:** Leveraging digital tools enables women entrepreneurs to access resources, networks, and markets, fostering economic empowerment and gender equality.
- **Microfinance and Technology:** Innovative micro-lending platforms use technology to provide financial services to underserved populations, helping them launch and expand their businesses.
- **Technology-Enabled Vocational Training:** Digital training programs equip individuals with essential skills for employment or entrepreneurship, bridging the skills gap in various industries.
- **Community-Based Business Models:** Local initiatives and cooperatives create economic opportunities by addressing specific community needs through collaboration and resource sharing.
- **Public-Private Partnerships for Social Impact:** Collaborations between government, businesses, and non-profits lead to innovative solutions for social issues, maximising impact and effectiveness.
- **Youth Entrepreneurship:** Empowering young people to develop entrepreneurial skills encourages innovation and job creation, driving economic growth within their communities.

CONFERENCE TRACKS

6. Education for Sustainable Entrepreneurship

The "Education for Sustainable Entrepreneurship" track aims to develop innovative educational practices to prepare future entrepreneurs to tackle sustainability challenges. It emphasises curriculum development for sustainability, experiential learning, technology integration, and cross-disciplinary approaches. The track emphasises the importance of ethical practices, social responsibility, and environmental stewardship in entrepreneurial endeavors.

It also highlights the role of digital tools in enhancing learning experiences and promoting collaboration among aspiring entrepreneurs. The track seeks to empower future entrepreneurs with the knowledge and skills to drive positive change in their communities.

- **Curriculum Development for Sustainability**: Creating educational frameworks that integrate sustainability principles ensures students understand the importance of ethical practices and environmental stewardship in entrepreneurship.
- **Experiential Learning in Entrepreneurship:** Hands-on, real-world experiences empower students to apply theoretical knowledge, fostering innovation and problem-solving skills in addressing sustainability challenges.
- **Technology Integration in Education:** Leveraging digital tools enhances learning experiences, facilitates access to information, and supports collaboration among aspiring entrepreneurs in a rapidly evolving landscape.
- **Cross-Disciplinary Approaches to Entrepreneurship Education:** Combining insights from various fields encourages holistic problem-solving and fosters innovative solutions that contribute to sustainable development.

SUBMISSION GUIDELINES

- All contributions must adhere to any one reference style. (APA, Chicago, Harvard, etc.)
- Paper should have the formatting of 12 font size in Times New Roman and 1.5 spacing.
- An initial abstract of not more than 500 words is to be submitted **(Deadline –15th December, 2024)**
- After abstract acceptance, an extended abstract of not more than 2000 words is to be submitted. **(Deadline 20th January, 2025)**
- Paper proposal in PDF/MS word format.v
- Title of the paper should not exceed 15 words.
- Minimum three(3) and maximum five(5) keywords to be provided.
- Corresponding author and all co-authors should be listed in the submission along with their affiliation.
- Maximum of three (3) proposals, either as an author or a co-author, may be submitted.
- Case studies, poster presentations, and perspective papers are highly encouraged as a part of the submission for the conference.
- Scan the QR code below to complete the Abstract Submission form, or click the link provided: **Link**
- Link for the Abstract template: **Link**

IMPORTANT DATES

• Submission window opens: **15th October, 2024**
• Submission of initial abstract: **15th December, 2024**
• Initial Abstract Acceptance Notification: **30th December, 2024**
• Submission of Extended Abstract: **20th January, 2025**
• Early bird registration: **30th January, 2025**
• Last date for registration: **10th February, 2025**

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Tentative Schedule*

Time	Activity
Day 1	
10:00 am - 11:00 am	Inauguration of the Conference: Address by the Vice-Chancellor, Conference Chair, & Deans
11:15 am - 12:00 pm	Keynote Speaker(s) – Day 1
12:15 pm - 1:30 pm	Panel Discussion-Day 1
1:30 pm - 2:30 pm	Lunch Break
2:30 pm - 5:30 pm	Paper Presentation (Parallel Session)
Day 2	
10:00 am - 10:45 am	Keynote Speaker - Day 2
11:00 am - 12:30 pm	Panel Discussion – Day 2
12:30 pm - 1:30 pm	Paper Presentation (Parallel Sessions)
1:30 pm - 2:30 pm	Lunch Break
2:30 pm - 3:30 pm	Paper Presentation (Parallel Session)
3:30 pm- 4:30 pm	Valedictory Session