

Guest Editorial

In this special issue, a total of 10 papers have been shortlisted following a rigorous review process. The papers are shortlisted through two conferences (with three papers selected from each conference) and four papers through an open call for papers.

The inaugural conference was meticulously organized by Confab 360 Degree in collaboration with a number of esteemed academic institutions, including Rushford Business School in Switzerland, NSHM Knowledge Campus in Durgapur, Bosowa University in Indonesia, European Global Institute of Innovation and Technology in Malta, and Al-Nahrain University in Iraq. The conference was held on 10th and 11th December 2025 at the Manipal Academy of Higher Education, Dubai Campus. The title of the conference was “2nd International Conference on Innovation for Impact: Digital and Mobile Technologies for Sustainable Business Management, Teaching and Learning, Environmental Protection, Healthcare, Tourism, and Engineering Applications.” The following three articles were selected for inclusion in this conference.

1. Explainable AI-Based Online Decision-Support System for Healthcare Supply Chain Risk Management
2. Tech-Driven Sensory Marketing: Integrating AR/VR, IoT, and OVR to Decode Consumer Emotions
3. Understanding the Role of Portable Medical Devices in the Healthcare System: A Systematic Literature Review

The second conference was entitled “International Conference on Smart Technologies for Medical and Health Sciences.” The integration and innovation of healthcare through artificial intelligence. The organisation of this conference was undertaken by Sakalchand Patel University and National Forensic Science University, Gujarat, in collaboration with Confab 360 Degree, Rushford Business School, Switzerland, and European Global Institute of Innovation and Technology, Malta. The conference was held from 13th to 15th March 2026 in Gujarat, India. The following papers were shortlisted from this conference.

- Intelligent Hyper-heuristic Algorithm for Optimizing Application Placement in Fog-Healthcare
- 3D printed crowns in Pediatric Dentistry – A new Era
- Nanosensor Integration for Adulterant Detection: Cross-Country Thematic Comparison

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The papers shortlisted through open call for papers are as follows:

- Digital Twins in Biomedical Engineering: A Systematic Review of Applications and Future Challenges
- An IoT and ML Procedure to Rejuvenate Healthcare
- Explainable Deep Learning Models for Individualized Mental Health Risk Assessment Using Wearables and Smartphone Sensing
- An Overview and Methodical Strategy to Counteract the Medical Data Shortage for AI Applications

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