

Noor Zaman Jhanjhi

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Biography

Noor Zaman Jhanjhi, is a distinguished Senior Professor of Computer Science at Taylor's University, Malaysia, where he specializes in Artificial Intelligence and Cybersecurity. As the Director of the Research Center, Center for Intelligent Innovation CII, and Program Director for Postgraduate Research Degree Programmes, he plays a pivotal role in shaping academic excellence and driving cutting-edge research initiatives. Globally acclaimed for his scholarly contributions, Prof. Jhanjhi has been consistently ranked among the world's top 2% research scientists (2022–2025) and stands as one of Malaysia's top computer science researchers. His exceptional work has earned him prestigious accolades, including the Outstanding Faculty Member Award (MDEC Malaysia, 2022) and the Vice Chancellor's Best Research Citations Award (Taylor's University, 2023).

Smart Healthcare Systems: Empowering Nurses through Digital Transformation

Abstract:

The rapid development of digital technologies is transforming the healthcare landscape, placing nurses at the forefront of innovation and patient-centered care. This keynote examines how smart healthcare systems, powered by artificial intelligence (AI), Internet of Medical Things (IoMT), and data analytics, are changing nursing practice by improving decision-making, streamlining workflows, and enhancing patient outcomes. It emphasizes the essential role of nurses in adopting, managing, and ethically implementing these technologies while preserving the human touch that characterizes compassionate care. By embracing digital transformation, nurses are not just adjusting to the future of healthcare but actively leading it, bridging the gap between technology and compassion to provide safer, smarter, and more connected care.