Workshop-Cum-Training on Safety and Assurance of AI systems

Organiser: Prof Alamgir Hossain (CEO, Digital Readiness & Intelligence Ltd, UK)
Chair: Prof Keshav Dahal (Professor of the University of the West Scotland, UK)

Because of the rapid adoption of AI systems, the safety and operational assurance associated with technical, ethical and legal risks of AI systems in all organisations is constantly changing and evolving. Therefore, a comprehensive management strategy is required to avoid operational/reputational damage and facilitate legal compliance. This workshop aims to provide an understanding of AI safety principles, techniques, and best practices. It targets AI users, executives, practitioners, researchers, educators, engineers, and professionals. It will be a three-hour session that includes:

- An introduction to AI and safety and assurance of AI systems,
- Risks of using AI in Research, Teaching and Learning
- Common risks of AI systems, including ethics issues and legal compliance,
- **Case Study** for risks evaluation of AI systems (Site: beta.mot4ai.com)

Only 25 participants (first cum first serve basis) will be considered from the education, business, industries, health and finance sectors).

Organiser's Profile:

Professor Alamgir Hossain is the CEO and Director of Digital Readiness & Intelligent Systems Ltd (www.d-ready.co.uk). After his PhD in Automatic Control & Systems Engineering (University of Sheffield) and Software Engineering Training from CICC (Japan), Professor Hossain served as a Professor of AI, and led several research centres/institutes in Teesside, Anglia Ruskin and Northumbria. With four (out of 15) PhD completions in cyber security risk assessment using AI under his direct supervision, Professor Hossain served as the TU ethics committee chair and conducted research, innovation, and development projects in applied AI, decision support systems, software testing and automation. He has published 350+ peer review articles, worked with 30+ companies and received research and development grants of over £16 million. In addition, he contributed to developing data-driven AI solutions in engineering, health, business, education and agriculture. See further details in his Google Scholar Account.

Project: Multi-scale Operational Assurance of AI (MOT4AI) Systems funded by Innovate UK, developed in collaboration with Teesside University (UK) and MediprospectsAI Ltd (London)