

AI-Driven Resilience: Building Robust, Adaptive Technologies for a Dynamic World

Tuesday, May 20	
Session 1	11:00 – 12:30 pm Keynote Speech “Green Computing is all What You Need - AI Sustainable AI solutions” Prof. KC Santosh, University of South Dakot
Session 2	2:00 – 3:30 pm
2:00– 2:15	Leveraging Public Sentiment for Resource Coordination in Disaster Response: A Multiagent Framework <i>Saad Alqithami</i>
2:15 – 2:30	Multi-Scale Unrectified Push-Pull with Channel Attention for Enhanced Corruption Robustness <i>Kc Santosh</i>
2:30 – 2:45	Explainability-Driven Defense: Grad-CAM-Guided Model Refinement Against Adversarial Threats <i>Kc Santosh</i>
2:45 – 3:00	A Framework for Integrating Privacy by Design into Generative AI Applications <i>Hamda Albreiki</i>
3:00 – 3:15	A2S-AFLNet: An Adaptive Bat Optimized Two-Stage Attention Fused LSTM Networks for Attack-Resilient Intrusion Detection <i>Sk Hafizul Islam</i>
3:15 – 3:30	AI-Driven Fog-Edge Computing for IoMT Systems: Architecture and Use Cases <i>Babar Shah</i>
3:30 – 3:45	Blockchain-Enhanced Machine Learning for Dynamic Routing and Secure Communications in Autonomous Vehicle Networks <i>Sajid Anwar</i>