

Research Seminar Day

Navigating institutional and capability barriers in agentic artificial intelligence adoption: evidence from small and medium enterprises in Bangladesh

This study explores barriers and solutions related to the adoption of Agentic Artificial Intelligence (AAI) among SMEs in Bangladesh. The study conducted 14 semi-structured interviews with SME owners, technology experts and government officials. Thematic analysis identified key barriers, including poor internet connectivity, limited skills, inadequate infrastructure, weak government support, political instability, high costs and lack of legal frameworks. Proposed solutions include awareness programs, infrastructure development, policy support, financial incentives and public-private partnerships. The findings highlight the combined influence of organizational readiness and institutional ecosystem maturity on AAI adoption in emerging economies.



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1:00PM to 2:20 PM



KBS room 115 (Bldg. 24)



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Dr. Md Asadul Islam is an Assistant Professor in the Department of Management and Marketing at the KFUPM Business School, KFUPM. He has published multiple papers in top-tier journals. He has also published several case studies with SAGE Business Cases. In addition, he serves as an editorial board member for several journals published by Wiley.