

EXPERT PROFILE

DR. MUHUMMAD KHAIRUL ISLAM

- Position: Senior Lecturer
- Years of professional experience: 20 years
- Research Centre: Institute of Energy Policy and Research
- **Research Forte:** Energy, service quality, natural gas market, supply chain and human resource management.



EDUCATIONAL BACKGROUND

- University Name | PHD in Business Admin, IIUM
- University Name | Master of Management, IIUM
- University Name | Bachelor of Accounting, National University of Bangladesh

PROFESSIONAL EXPERIENCE

Dr Muhammad Khairul Islam has 20 years of working experience in various discipline including academic including research, teaching and supervision and corporate field in Malaysia and Bangladesh. His academic involvement (full-time and part-time) at several universities in Malaysian since 2008. Dr Muhammad Khairul Islam has also involved working in corporate field as Centre Management Executive, Admin and Purchasing Executive, Head Operation (Import and Export), Senior Executive (Marketing) and director of a land and properties company.

Dr Muhammad Khairul Islam has developed a passion for interdisciplinary approaches to mitigate the energy, economic, social and environmental challenge. As part of his PhD in business administration at international Islamic University Malaysia, he is also focuses on several areas of research including; liberalized Natural Gas Market, Green Supply Chain Management (GSCM) practices and their environmental performance. Valuation Optimization and Tariff Setting for Social Transition from Energy Consumers to Prosumers, Prioritizing Institutional Investor's Requirement In ESG Initiatives, Blue Ocean Leadership Attributes towards Employee engagement, Employee Intelligence Environmental Behaviour, Coding mechanism and soft systems technique. His expertise also working on multi-criteria decision making tools namely "Analytic Hierarchy Process (AHP)" and matching tool "Quality Function Deployment (QFD)". Dr Muhammad Khairul Islam's ongoing research on few areas funded by Suruhanjaya Tenaga (ST).

KEY PROJECT HIGHLIGHTS:

- A Comparative Analysis for Gas Market Liberalization across Countries Based on Long-Term and Short Term Contract Initiation.
- Valuation Optimization and Tariff Setting for Social Transition from Energy Consumers to Prosumers: Policy Implication for Peninsular Malaysia of Electricity Market.
- Assessing the Green Supply Chain Management (GSCM) practices and their environmental performance on Energy Provider Company in Malaysia