

## ICRERA 2025

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**Paper ID** \_\_\_\_\_ : 479

**Paper Title** \_\_\_\_\_ : Market-Based Strategies for Enhancing Grid Resilience under High Renewable Penetration

### **Bio :**

Dr. Syed Mohammad Ghouse, Professor at the School of Management, CMR University, Bangalore, brings a multidisciplinary perspective to the evolving challenges of energy markets and sustainability. With a strong foundation in management sciences and a research portfolio that spans human resource development, strategic marketing, and organizational behavior, Dr. Ghouse's work increasingly intersects with the dynamics of energy policy, market design, and resilience planning.

His contribution to the paper "Market-Based Strategies for Enhancing Grid Resilience under High Renewable Penetration" reflects his growing engagement with sustainability-driven innovation and strategic frameworks that support energy transition. By applying market-based principles and management strategies, Dr. Ghouse explores how policy instruments, stakeholder incentives, and adaptive business models can enhance grid reliability in the face of variable renewable energy sources.