

## Faculty Profile

Name: **Dr. Manish Kumar**  
Designation: Assistant Professor  
Teaching Areas: Operations Management  
Quality Analytics  
Business Modelling & Simulation  
Research Interests: Energy Policy  
Supply Chain Management  
Sustainable Development  
Education: PhD, IIT (BHU) Varanasi, in 2017  
M Tech., IIT (ISM) Dhanbad, in 2013



### Teaching Experiences (5 Years)

1. Since October 2022: Assistant Professor, Operations & IT Dept., IBS Hyderabad, IFHE Deemed to be University, Hyderabad
2. January 2018- October 2022: Assistant Professor (MHRD-TEQIP III), BCE Bhagalpur

### Research / Selected Publications:

1. BS Patel, AK Tiwari, M Kumar, C Samuel, G Sutar (2020). Analysis of agile supply chain enablers for an Indian manufacturing organisation. *International Journal of Agile Systems and Management*, 13:1, 1-27.
2. M Kumar, C Samuel (2019). Stochastic Demand Side Management in Smart Grid System. *International Journal of Networking and Virtual Organisations*, 20:4, 319-339.
3. M Kumar, C Samuel (2018). Wind energy potential estimation with prediction of wind speed distribution. *International Journal of Intelligent Systems Technologies and Applications*, 17:1-2, 19-41.
4. M Kumar, C Samuel (2018). Green Practices with Renewable Distributed Generation Technology in India. *International Journal of Chemical Reactor Engineering*, 16:10, 1-11.
5. M Kumar, C Samuel (2018). Future of Renewable Distributed Generation in India. *TERI Information Digest on Energy and Environment*. 16:1, 1-12.
6. M Kumar, C Samuel (2017). Selection of best Renewable Energy Source by using VIKOR Method. *Technology and Economics of Smart Grids and Sustainable Energy*, 2:1, 1-10.
7. A Jaiswal, C Samuel, BS Patel, M Kumar (2015). Go green with WEEE: Eco-friendly approach for handling e-waste. *Procedia Computer Science*, 46, 1317-1324.

### Research Projects Ongoing/Completed

- “Feasibility analysis of wind energy based renewable distributed generation in state of Bihar”, NPIU MHRD funded (completed) (Role: PI) (16.48 Lakh).
- “Multi-wavelength excitable luminescent ink and its detection device for security applications”, NPIU MHRD funded (completed) (Role: Co-PI) (15.12 Lakh).

**Google Scholar:** <https://scholar.google.com/citations?user=8rQYEQcAAAAJ&hl=en>