Faculty Profile

Name: **Dr. Shubhagata Roy**

Designation: Assistant Professor

Teaching Areas: Business Analytics

                    Business Statistics

                    Operations Research

Research Interest: Healthcare Analytics

                    Sustainability Demography

                    Insurance Practices

Education: Ph.D. (Statistics), Banaras Hindu University, Varanasi, 2017.

                    M.F.C. (MBA Finance) from Banaras Hindu University in year 2002

                    M.A. (Statistics) from Banaras Hindu University in year 2000

                    B.A. (Statistics Hons.) from Banaras Hindu University in year 1998

Research/Selected Publications

1. Roy, S. (2024). An assessment of the viability of long-term care insurance as a means of financing geriatric care in India, *Academy of marketing Studies Journal* (ISSN: 1095-6298), 28(4), 1-7.

2. Roy, S., Sharma, P., Singh, K.K. and Srivastava, R. (2023). A statistical model useful for demographics: Estimating the mean number of children ever born through the distribution of male births with an application to data from India, *Journal of Reliability and Statistical Studies* (ISSN: 2229-5666), 16(1), 57-80.

3. Maheswaran, S.K., Roy, S. and Pavitha, N. (2022). Smart Financial Management System Based on Machine Learning and Big Data Analytics, *Manager - The British Journal of Administrative Management* (ISSN: 1746-1278), 58(Spl. issue 2), 85-95.

4. Chakraborty, S., Sashikala, P., and Roy, S. (2022). Green-Agile practices as drivers for patient satisfaction - An empirical study, *International Journal of Healthcare Management* (ISSN: 2047-9719), 15(2), 152-157.

5. Roy, S. (2020). Likelihood of Surviving Children using a Probability Model, *Journal of Statistics Applications and Probability* (ISSN: 2090-8431), 9(3), 595-607.