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Work System Design, Statistical Modeling of Production and Service Systems, Quality Management, Asset Management and Healthcare Management. A recipient of Career Award for Young Teachers from AICTE, and Young Scientist Project from DST, he has published more than 70 papers in international and national journals of repute and more than 30 papers in conference proceedings. Till date, he has supervised 10 PhD candidates to successful completion and currently supervising 8 PhD research candidates. He has been executing a number of Industry-sponsored consulting and Government-funded research projects. He has organized 17 training programs and short-term courses for industry participants. As an example, during a span of 4 years he was involved as a coordinator in imparting training to more than 100 Tata Steel officials in the areas of Industrial Safety Engineering. Prof Maiti has been pursuing research on safety analytics including the applications of multivariate statistical modeling since 1995. He excels in teaching engineering systems safety design and control, safety analytics, work system design, quality engineering, six-sigma fundamentals and applications, and applied multivariate statistical modeling . A 42 lecture series on "Applied Multivariate Statistical Modeling" of Prof Maiti is available through youtube uploaded by NPTEL (National Program on Technology Enhanced Learning). The current profile of Prof Maiti can be found at IIT Kharagpur website.