

Operation Risk

Duration 15 - 25 Hours

Operational risk modelling program provides competitive edge in the fastest growing field of risk management. With the growing sophistication of financial institutions, mitigating operational risk has become a prime concern for institutions as well as regulatory bodies. To mitigate operational risk, a comprehensive approach is required that asks for a strong fundamental knowledge of statistics and current regulatory literature, both of which is covered in the course.

Topics covered under this program are:

- Introduction to operational risk modeling
- Basic concepts related to probability distributions
- Modeling number of losses using Excel: Frequency distributions
- Modeling size of losses using Excel: Severity distributions
- Fitting distributions to data: Parameter estimation
- Aggregate loss modeling
- Aggregating VaR estimates across Business Lines and Event types
- Precautions while using EVT/GPD to avoid overestimation of capital requirement
- How confident are you about parameter estimates?

- Using External data in OpVaR
- Combining capital estimates based on internal data, external data and scenario analysis
- Operational risk modeling software

- Introduction to R: an open-source operational risk modeling software
The Basics and Features of Fixed Income Securities

Contact Us: **TOLL FREE – 1800 200 5835**