

## Course Title: Geostatistics

**Course Duration:** 5 days

**Who Should Attend:** Geologists (modelers), Petroleum Geologists and Reservoir Engineers.

**Course Content:**

- Introduction to Geostatistics
- Univariate Statistics
- Bivariate Statistics
- Spatial Statistics & Transformations
- Semivariogram
- Simple Kriging
- Ordinary Kriging
- Block Kriging
- Cokriging
- Cross validation and Critical Review
- Sequential Gaussian Simulation
- Simulated Annealing
- Filter Simulation
- Reliability & Uncertainty
  
- Practical Training (Software)  
Participants shall practice learnt concepts on industry-standard software

