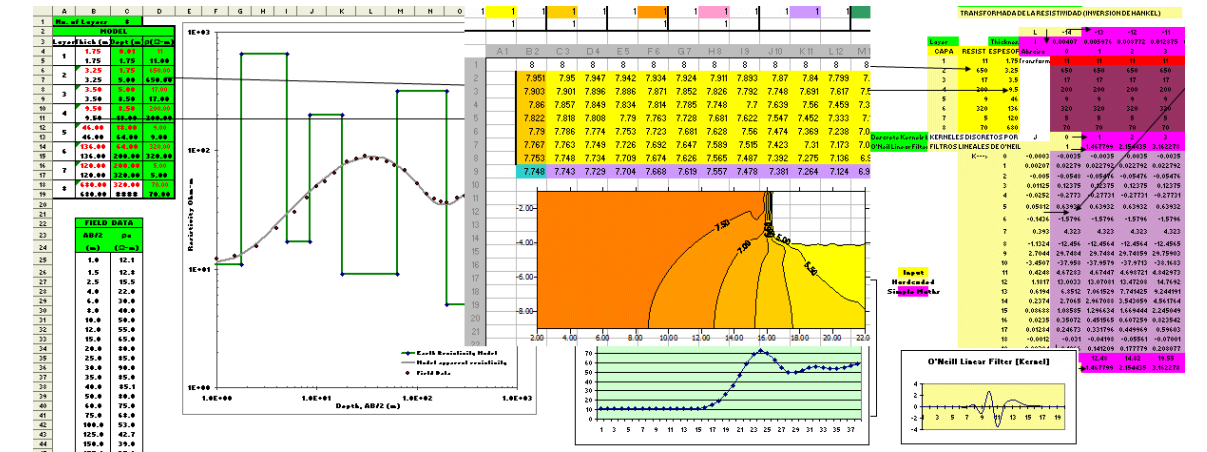


# GI-103: Advance Excel for Scientific, Engineering & Management Applications



## Who Should Attend

Geoscientists, Engineers and Management Professionals

## Overview

The course starts with basic spreadsheet principles and quickly moves to advance applications of spreadsheet based analysis. Practical examples have been included that help in understanding the procedures.

## Contents

- Spreadsheet Principles
- Designing Forms and Templates
- Encoding Mathematical Equations
- Dynamic Cell Addressing
- Mathematical Functions
- Logical Functions
- Charts and Graphs
- Interactive Graphics
- Least Squares Regression Analysis
- Matrices & Solving System of Linear Equations
- Spreadsheet Modeling and Simulation
- Programming with Visual Basic for Applications (VBA)