

Learn Computer Skills



MS EXCEL

Duration: 12 Hours

Fees Rs: 3000/

Introduction to Excel

- Navigating worksheets
- Formatting and conditional formatting
- Security and protection
- Absolute /Relative Reference
- Data Table

Working with formulas and function

- Reference Function
- Filter , advance filter
- Sorting and data validation
- Names Ranges

Creating Chart and Graphics

- Simple Chart
- Pie chart

Logical functions using excel

- AND ,IF,OR ,TRUE,FALSE
- CONCATENATE ,LEFT,RIGHT,MID,LEN,TRIM,UPPER,LOWER,PROPER,etc.
- FIND,SEARCH,REPLACE, SUBSTTTTUTE,IFERROR,DATE

Analyzing Data with excel

- Consolidating Worksheets, Array, Hyperlink.GoTo.FreezePanes,PasteSpecial
- (VLOOKUP/HLOOKUP,INDEX,MATCH,etc) Offset ,what if, Goal seek, Cumulative
- Pivot tables

Mathematical functions

- SUM,COUNT,COUNTA,MAX,MIN,AVERAGE,SUMIFS, COUNTIF,COUNTBLANK,SUMIF,SUMPRODUCT

3 Real Life Case Study

MS VBA

Duration: 25 Hours

Fees Rs: 4000/

Introducing VBA

- What is Logic?
- What is VBA?
- Introduction to macro Recordings, IDE

How VBA works with excel

- Working in the Visual basic Editor
- Introducing the excel object Model
- Using the Excel Macro Recorder
- VBA sub and Function procedures

Key Components of Programming language

- Essential VBA Language Elements
- Keywords & Syntax
- Programming statements
- Variables & Data types
- Comments
- Operators
- Working with Range objects

A Look at some commonly used codes snippets

Programming constructs in VBA

- The With -End with Block
- Control Structures

- Looping Structures

Functions & Procedures in VBA- Modularizing your programs

- Worksheet & workbook functions
- Automatic procedures and events

Objects & Memory Management in VBA

- The NEW and SET Key words
- Destroying Objects - The Nothing Keyword

Error handling controlling accessibility of your Code -Access specifies

Code Reusability - Adding references and components to your code

Communicating with your Users

- Simple Dialog Boxes
- User Form Basic
- Using User From Controls
- Accessing your Macros through the user interface

MS SQL + ACCESS

Fees Rs: 4000/

Duration: 14 Hours

Introductions to Ms Access

- What are databases
- Create and Modify Tables
- Working with Tables
- Form Designing
- Report Designing

What is SQL – A Quick Introduction Getting Started

- SQL Management Studio
- Utilizing the object Explorer

Understanding basic RDBMS concepts

- Schema –Meta Data –ER Diagram
- Looking at an example Database design
- Data Integrity Constraints & type of relationships
- Basic concepts –Queries ,Data types & Null Values, Operators and Comments in SQL

Data Manipulations –Reading & manipulating a single table

- Basic Select statement
- Additional components –where ,Group , By, Order by & Having clauses

Data manipulation – Basic Functions

- Union clause –Use & constraints
- Reading & Manipulating Multiple Tables
- Join & Aliases

Data based objects creation (DDL Commands)

- Creating , Modifying & Deleting Tables
- Create Tables & Create Index statement
- Insert , Update & Delete statement
- Drop & Truncate statement –Users & Differences
- Alter Table & alter Column statements

Introduction to R

1. Download and setup of R Studio
2. Understanding the R Studio IDE
3. Understanding variables and data types
4. Vectors, Matrices, Factors, Lists, Data frames

Programming in R

1. Relational operators and Logical operators
2. Conditional statements
3. Loops - while loop, for loop etc
4. using in built functions
5. Apply family of functions
6. Data manipulation functions and regular expressions
7. Working with time series data
8. Introduction to R packages

Writing functions in R

1. Creating your own functions
2. Functional coding
3. Advanced functional coding
4. Creating robust function and error handling

T2S Talent to Success

Duration: 1 Month

Fees Rs: 6000/

Future Track has launched online course T2S in India which is developed by qualified actuary of UK and duration of this course is One month which will help you to get a job in company, interview and CV preparation and basic software skills (MS-Excel, MS-Access, VBA) exercises on real time data like (Reserving, claim Analytics, Investment, Future Payment).This product is considered as an internship project, as you get feedback for each Exercise by Fellow Members from UK.

T2S is specially developed for Actuarial Science students. The price of this course is Rs 6000. After paying fees a student will get login id and can complete course Anywhere with help of internet. For more details please visit www.futuretrack/org/internship.php

Duration 3 Hours



Why should you attend this session?

Every organization wants to hire people who will help them grow and add to its success factor. Organizations that are serious about attracting and retaining the best talent use this tool to assess their candidates. While people often talk about the obvious measures like - technical skills and subject knowledge, they fail to gauge the importance of soft skills like attitude, communication skills, body language etc. all of which are being taken into consideration by recruiters.

This session will help you to understand how this test works and how recruiters use this tool subtly to understand if you are a right fit for the organization.

Topics to be covered!

The topics that we aim to cover in this session are as follows:

- a) What is a Psychometric test and its relevance in the Actuarial domain
- b) Are recruiters looking for right answers or right attitude?
- c) Most commonly asked questions in this test
- d) Real life case studies



Time Management Workshop!

Why should you attend this session?

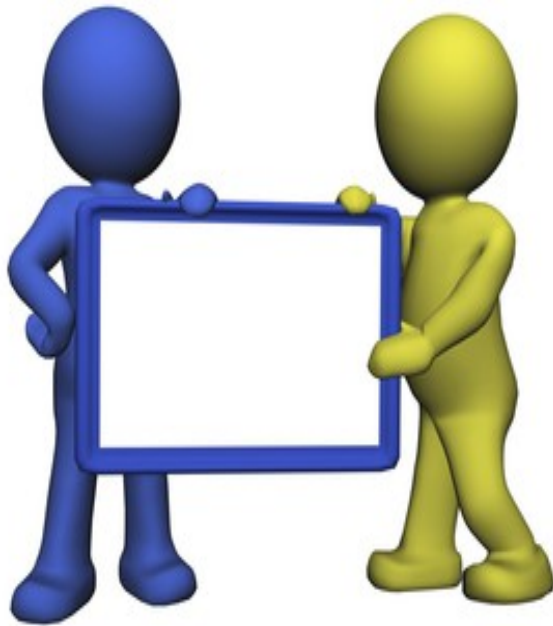
Time management is the epicenter of our being. Every success story is backed by an efficient time management. Time management is “extremely” important in everyone’s life.

This is a highly effective and powerful workshop where the participant will go through some life changing processes. Each participant will be going through a journey of self-realization and will be introduced to some of the best time management techniques which are used across top B schools and organizations.

What to expect from this session?

- Meet the unexpected side of you
- Intense live brainstorming sessions
- Step by step guide for effective time management
- Powerful “2-list” strategy to push you towards success
- A transformed lifestyle

Making Smarter Presentation Workshop



Presentation plays a **vital** role in e-learning and has revolutionized the concept of providing knowledge at all levels. Whether it is on initial stages like schools and colleges or it is on the corporate front, learning has taken a new edge with advanced technology.

Why should you attend this session?

In today's fast moving world, where we are dealing with plethora of numbers and facts, it is a challenge to present the information to the audience (which can range from a fresher to the CEO of the company) in a short, precise and impactful manner. While many people use PowerPoint, very few use it effectively.

A lot of hiring processes, professional papers, project works, and internships involve extensive use of PowerPoint and having knowledge about this tool would definitely give you an edge over other. It is unfortunate that a lot of times people, despite having all the talent, do not succeed, because they fail to present their view points in the right way.

This session will give you a thorough understanding on:

- a) What are the three types of presentation and why they are used?
- b) The art of storytelling through presentation
- c) What are the four skills that need to be considered while making a presentation?
- d) Some secret tools available that will help you create magical presentations!
- e) Extensive use of ribbons

In a profession like Actuarial, we are constantly dealing in PowerPoints. Be it exams, interviews, project work, corporate work or even presenting new ideas, this tool will definitely be an advantage to you.

TECHNICAL TRAINING

Duration 6 Hours

A workshop on ULIP which will cover following aspects:

- Financial mechanics of the life insurance company
- Roles played by the actuaries in the life insurance company
- Type of life insurance products
- ULIP - Customer point of view
- ULIP - Insurance Company point of view
- Inputs required for projecting CF's
- Source of Inputs
- MADs for reserving requirement
- IRDAI Solvency requirement
- Starting with a simple excel ULIP model
- Validating an Actuarial model

Duration 6 Hours

A workshop on **TERM** which will cover following aspects:

- What Actuary does?
- What Actuary can does?
- Why Actuary is restricted to insurance particular in India?
- Then briefing about all the actuarial functions done in an Insurance companies (Help to understand the student job profile and understand things better)
- What is an term plan
- Ingredients required to manufacture it
- IRDAI regulations (soft copy will be shared & relevant regulations will be shown)
- Source & actuarial standards for assumptions like investment, expenses, mortality, lap station
- Building an cash flow model on excel
- Projecting premium, expense, death and reserving cash flows
- Validating the model to find out any error in the model.

Duration 12 Hours

A workshop on **Reserving in General Insurance** which will cover following aspects:

- Reserving - a concept
- Regulations
- Data preparation and Data manipulation
- Reserving methods
- Practical reserving models, Diagnostics and reasonability of results

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