

Diploma in MDCA

Duration - 18 Months

MDCA stands for **Master Diploma in Computer Application** and is a skill-oriented computer program that offers studies about computers and their applications. You will learn to use various types of computer applications such as Computer Operating systems, Internet Browsing, Email, MS Office, Photo Editing, Graphic Designing, Software, Computer Hardware, O.S. and so on. In this computer course, you will learn about programming and know how to make computer software with the help of various programming languages.

1. Microsoft Office

Microsoft Word

- + Paragraph Formatting, Decorative
- + Formatting, Border and Shading
- + Style and Editing Feature, Table and Macro
- + Header and Footer, symbol and text Formatting and Tabs Setting
- + illustration and Links, editing (find and replace, Go To)
- + Page Setup and Page Background
- + Table Of Contents, End notes and Footnotes-
- + Comment, Track Change, Protection
- + View Letter Mailing, envelop making

Microsoft Excel

- + Introduction, Alignment, Number
- + Formatting Cell Reference, Paste Special
- + Transpose, Mixed Cell Reference
- + Naming Cell Range, Conditional Formatting
- + Goal Seek, Scenario, Solver, Subtotal
- + Consolidate, View, Header and Footer
- + Printing Setting, Save Workspace, Macro
- + Group and Outline, Custom List text function
- + MIS with Pivot Table Math Functions
- + Lookup and Reference Functions
- + Financial Function, Loan Amortization
- + Sheet

Microsoft PowerPoint

- + Introduction, Slide Design, Animation
- + Sound and videos Add in slide show
- + Slide rehearse timings
- + Add Narration during slide show
- + Broadcasting slide show
- + Control slide with the help of Action function

2. ADVANCE EXCEL

- ✚ About Advance Excel, Tabs & Ribbons, Workbook, Workspace & Sheets.
- ✚ Cell Referencing: Relative, Mix & Fix,
- ✚ Creating & Formatting Options.
- ✚ Conditional Formatting, Data Sorting & Searching, Filter & Data Validation.
- ✚ IF Conditions, VLOOKUP, Hookups, Index, Match, Sum product, Text Functions.
- ✚ Financial Functions, Data Analysis, Pivots & Charts, Name Manager & Trace.
- ✚ What if Analysis, Text to Columns, Consolidate, Subtotal, External Data.
- ✚ Freeze Panes, Print Setup, Share Workbook, Security Features etc.

3. DESKTOP PUBLISHING

ADOBE PHOTOSHOP

- ✚ introduction to PHOTOSHOP
- ✚ lasso tool
- ✚ magic wand
- ✚ transforming selection
- ✚ shapes
- ✚ modifying shapes
- ✚ using layers image adjustment
- ✚ color balance hue and saturation
- ✚ curves image retouching, filters
- ✚ blending slicing
exporting

COREL DRAW

- ✚ introduction to coral draw,
- ✚ interface: working with menus
- ✚ toolbar,
- ✚ dockers document slip
drawing and coloring, text,
- ✚ extruding text skewing and rotating
- ✚ object using blending,
- ✚ contorting envelopes, lenses,
- ✚ power clip, fill
- ✚ special effects,
- ✚ print & publishing

4. TALLY PRIME

- ✚ What are Tally Prime,
- ✚ overview of software,
- ✚ introducing gateway and its elements,
- ✚ creating of company,
- ✚ importance of tax information in ledger,
- ✚ generating inventory books & reports,
- ✚ introducing Bom -bill of materials,
- ✚ cost center and cost categories,
- ✚ bill of materials (Bom),
- ✚ salary slip generation, pf, ESI, gratuity bonus,
- ✚ professional tax, TDS payable computation & reconciliation,
- ✚ TDS receivable computation & reconciliation,
- ✚ why GST in an indirect tax, GST components,
- ✚ GST and sac issues and challenges,
- ✚ gstr-1, gstr-2, gstr-3b, why e-way bill, generation of e-way bill, generation & filling of gstr-3b, e-way.

5. WEB DESIGNING

HTML

- ✚ introduction internet,
- ✚ understanding browsers,
- ✚ starting with html, html page's structure,
- ✚ defining web layout (head body)
- ✚ head tag with background,
- ✚ background with images and text color,
- ✚ text formatting,
- ✚ text attributes,
- ✚ knowing images format for web design with links
- ✚ internal links,
- ✚ external links

CSS

- ✚ introduction to cascading styles sheets,
- ✚ types of style sheets (inline, internal and external),
- ✚ class selector
- ✚ id selector,
- ✚ absolute relatives positioning,
- ✚ inking menu

JavaScript

- ✚ introduction to JavaScript,
- ✚ adding java script with html files,
- ✚ variables in java script,
- ✚ declaring java script variables,
- ✚ scope of the variables

6. PYTHON

- ✚ Introduction of PYTHON
- ✚ Download and Install Python Setup
- ✚ Introduction of VS Code
- ✚ Download and Install VS Code
- ✚ Write First Python Program via VS Code & IDLE Editor
- ✚ Python Variables & Data Types, Strings, Integers, Floats & Booleans
- ✚ Python Simple Operators, (+, -, *, /) & (>, <, ==)
- ✚ Conditionals (If-Else)
- ✚ Loops (For & While)
- ✚ Python Data Structures, Lists, Tuples & Dictionaries
- ✚ Python Functions
- ✚ File Handling
- ✚ Project

7. Database SQL

- ✚ Introduction of SQL
- ✚ Download and Install PostgreSQL Setup
- ✚ Types of Command SQL
- ✚ Create a Database and Table in SQL
- ✚ Data Types and Constraints in SQL
- ✚ Updating Data in SQL
- ✚ Query Toolbar in SQL
- ✚ Importing a CSV file into an SQL Database
- ✚ Types of Operators in SQL
- ✚ Functions in SQL
- ✚ Project

LeHub - I.T. Academy Solutions

E-8, 1st Floor, Main Karawal Nagar Road, Tanki Wale School ke Samne, Dayalpur, Delhi - 110094.

Contact No. - 9756757626 www.lehubitacademy.in Email id: - inlehub@gmail.com