QUEST FOR PROGRESS
CMIT
MUMBAI
Since 1989

100% SATISFACTION GUARANTEED

100% Placement* SUPPORT

Mulund East :

Shop No. 2, Vaity Visawa,
G. V. Scheme Road No. 2, Off 90ft Road,
Opp. G P Parsik Bank / D'Mart Ready.

+91 93200 33355

Airoli :

"Ripplez Mall", Shop No. 4 & 5, 2nd Floor, Sector 7,
Above Federal Bank / Mc'Donalds, Next to Talwalkar,

+91 93222 39424

Head Office : Mulund E.

Ketki Apt., Shop No. 9, G.V. Scheme Road No. 2, Opp. Shamrao Vithal Co-op Bank, Off. L.T. Road.

+91 93720 43618

Branches At : Bhandup West, Panvel, Rajkot (Gujarat)

FOLLOW US ON : Jd g+ f LinkedIn

: www.cmitindia.in

Building Rewarding Careers

Since 1989

- IT Graduate Diploma
- JAVA Specialist
- Animation & Multimedia
- Computer Management
- Python with Data Science
- Power Bi & Tableau
- Software Engineering
- .Net Developer Course
- R / Data Science

QUEST FOR PROGRESS
CMIT
MUMBAI
Since 1989

CMIT

Empowering Indians with Digital Skills

www.cmitindia.com

CELEBRATING 35 YEARS EXPERIENCED PEOPLE

65,000+ Happy Learners

FOLLOW US ON : Jd g+ f LinkedIn

QUEST FOR PROGRESS
CMIT
MUMBAI
Since 1989

OUR MISSION

To impart knowledge and training
In newer technologies and diverse fascinating fields
To young and old, genius and not so intelligent
Highly educated and not so much
At reasonable cost, accessible to many
Using modern tools to empower individuals

To improve their Careers in Technology driven environment

To improve the earnings and living standards and quality of life style

And open the horizons for challenging candidates.

To the vast international arena
To help attain global education and global career.



The More We Give Importance To Skill Development, The More Competent Will Be Our Youth.

- Narendra Modi -

FEATURES OF CMIT

- CMIT stands for Computer Management & Information Technology.
- Experience of 35 Years in IT Education.
- Over 65,000 Students Trained.
- ISO 9001:2015 Certified Institute
- Team of Expert & Experienced Faculties.
- State of Art Computer Labs.
- Intensive Theory and Hands on Practical.
- One PC - One Student.
- Faculty : Student Ratio 1 : 4 (Personalized attention).
- Latest Job Oriented Courses.
- Industry Recognized Certification.
- Affordable Fees and Installment Facility Available.
- Diploma / Certificate is awarded on successful completion of the Course.


Certificate of Registration

This is to Certify that the
CMIT COMPUTER INSTITUTE
Has been independently assessed and is compliant with the requirements of
ISO 9001:2015
Quality Management Systems
This Certificate is applicable to the following product or service ranges:
"PROVIDING HANDS-ON PERSONALISED COMPUTER EDUCATION AND DIGITAL SKILLS TRAINING THROUGH A DIVERSE RANGE OF ACCREDITED DIPLOMA COURSES LED BY EXPERT TRAINERS. OFFERING COMPLETE JOB ASSISTANCE AND IN ASSOCIATION WITH RECOGNISED INSTITUTIONS LIKE MKCL, YCMOU AND TEPL."
Certificate No. IN4047720S
Director (Certifications)
UT Global Edvance Certification Inc.


Certificate
Maharashtra Knowledge Corporation Limited (MKCL)
CMIT COMPUTER INSTITUTE
MKCL's Authorised Learning Center (ALC)
MS-CIT
for the Year 2025.
MS-CIT


Tally
TEPL
Certificate of Empanelment
This is to certify that
CMIT Computer Institute
is empanelled as
Training & Assessment Centre
to offer Certifications on
TallyEssential | TallyProfessional | GST using Tally

Authorised Training Partner and Certification From :

MKCL
TEPL Tally Education
YCMOU Open University
ज्ञानगंगा घरोघरी
MKCL KLiC Courses Gateway to Knowledge Lit Careers

Placement Assistance in :
Corporate, Small & Medium Enterprises, Export Firms, CA Firms, Banks - Indian & MNC, Mutual Funds, Share

* **Placement Assistance for meritorious students However it is not a Guarantee.**

Scan Code to Pay the Fee

UPI ID: cmitinstitute@okicici

or G Pay No : 93200 33355

Special Rebate for Handicapped, Defense Personal, Economically Weak Background, Senior Citizens, Cancer Patients Etc.

PL-SQL Syllabus

OCA

1. Introduction
- Introduction to PL/SQL
- PL/SQL Execution Environment
- PL/SQL Development Environment
- Introduction to PL/SQL Procedures
- Introduction to PL/SQL Functions
- Introduction to PL/SQL Packages
- Introduction to PL/SQL Triggers
- Coding PL/SQL
- The correct structure of a PL/SQL program block
- Declare and initialize a variable
- Declare and initialize data types and Boolean variables
- Summary

2. Decision Making
- IF Statement
- IF ELSE Statement
- IF-ELSIF Statements
- Summary

3. Loops
- Implement suitable control structures in PL/SQL
- Implement a suitable loop construct in PL/SQL for a given scenario
- Characteristics of FOR and nested loops in PL/SQL
- Implementation of WHILE LOOP
- Implementation of DO WHILE LOOP
- EXIT Keyword
- GOTO Statement
- Summary

4. Sub Blocks
- What is Sub Block?
- Sub Blocks implementation
- Modular Programming
- Create and populate a user-defined record in PL/SQL
- Create a record using the %ROWTYPE attribute and use it to insert and update a row
- Create a record and use it to update a table
- Summary

5. Cursors
- What is Cursor?
- Cursor Types
- Implicit Cursor
- Use explicit cursors to retrieve data
- Cursor attributes
- For Loop Cursors
- Advantages of For Loop Cursors
- Default values in cursors
- Use parameters to make cursors reusable in a given scenario
- Use an explicit cursor to retrieve and update data
- Summary

6. Exceptions
- What is Exception?
- Exception Section
- About The Exception Section
- Isolating the Specific Exception
- Outline how each of the PL/SQL exception types are raised and handled
- Trap predefined and non-predefined exceptions in PL/SQL
- Trap user-defined exceptions and identify error codes and messages
- Use nested blocks and the RAISE_APPLICATION_ERROR procedure when handling exceptions in PL/SQL
- Handle exceptions in PL/SQL
- Pragma Exception_Init
- SQLcode & SQLerrm Example
- SQL%Rowcount
- Summary

7. Stored Procedures
- Create, remove, and view PL/SQL stored procedures
- Use IN, OUT, and IN OUT parameter modes to pass values to and from stored procedures and programs
- Create stored procedures with suitable parameters
- Assign values to multiple parameters
- Summary

8. Stored Functions
- Create a stored function
- Execute a stored function
- Call, remove, and view stored functions in PL/SQL
- Summary

9. Managing Subprograms
- Definer Rights
- Invoker rights
- List all Procedures and Functions
- Summary

10. Packages
- Identify features of PL/SQL packages
- Sequence steps for developing PL/SQL packages
- Identify the syntax for creating a PL/SQL package
- Identify tasks involved in managing PL/SQL packages
- Identify features of the overloaded subprograms contained in PL/SQL packages
- Identify features of forward referencing in PL/SQL packages
- Summary

11. Managing LOBs
- Identify features of the DBMS_LOB package
- Identify the code to work with Large Object (LOB) values
- Identify methods of selecting Character Large Object (CLOB) values
- Identify features of temporary Large Objects (LOBs)
- Summary

12. Triggers
- Identify features of triggers
- Identify the code to create a Data Manipulation Language (DML) trigger
- Identify the code to create a Data Manipulation Language (DML) row trigger
- Match the options for managing triggers with their descriptions
- Identify guidelines for testing triggers
- Identify the benefits of triggers in different business application scenarios
- Identify the syntax for creating triggers for DDL and system events
- Summary

13. Advanced Triggers
- Creating Trigger on DDL Statements
- LOGON & LOGOFF Trigger example
- Advantages of trigger
- Conditional Security
- Summary

Course Duration	Course Fees
12 Weeks	Enquire

Study Material Provided. (Soft Copy)

MASTER DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING

MCSE

21ST CENTURY IT GRADUATE PROGRAM

Course Contents :

Module I
OS, Application S/W, & MS-CIT (Govt. Recognized)

1.	Computer Concepts / History	-	Fundamentals
2.	Graphical User Interface World's	-	Windows 10 / New Release
	Popular Office Automation Software		MS Office 2019 / 365
3.	Word Processor	-	Word
4.	Electronic Spreadsheet	-	Excel
5.	Presentation Package	-	PowerPoint
6.	Organizer & E-Mail Manager	-	Outlook
7.	Database Package	-	Access
8.	World Wide Web	-	Browsing, E-mail / Banking E-Ticketing, Social Networking.

Module II
Computer Programming / Languages

1. Programming Logic & Techniques
2. Flowcharts & Algorithms
3. Software Development Activities
4. Software Development Model
   - Spiral Model - Waterfall Model
5. 'C' Language
6. OOPs - C++
7. C#. Net
8. RDBMS Concepts
9. Structured Query Language - SQL
10. Core JAVA
11. Python Basics
12. Advance JAVA or Adv. Python

Module III
Web Designing & Development

1. HTML 5.0
2. CSS
3. Java Script
4. Dream Weaver
5. Word press
6. PHP & My SQL

Module IV
Graphic Designing & Animation

1. In Design
2. Corel Draw
3. Photoshop
4. Illustrator
5. Animate
6. 3D Animation
7. Google Sketchup

Module V
Digital / Virtual Marketing Skills

1. Digital Marketing Overview
2. Website Planning & Creation
3. Email Marketing
4. Lead Generation
5. Google Ad Words & Analytics
6. Social Media Marketing
7. Search Engine Optimision (SEO)
8. Search / Display Advertising
9. Ecommerce Marketing
10. Mobile Web Marketing
11. Content Marketing
12. Online Reputation Management
13. Affiliate Marketing Basics
14. AdSense & Blogging
15. WhatsApp Marketing

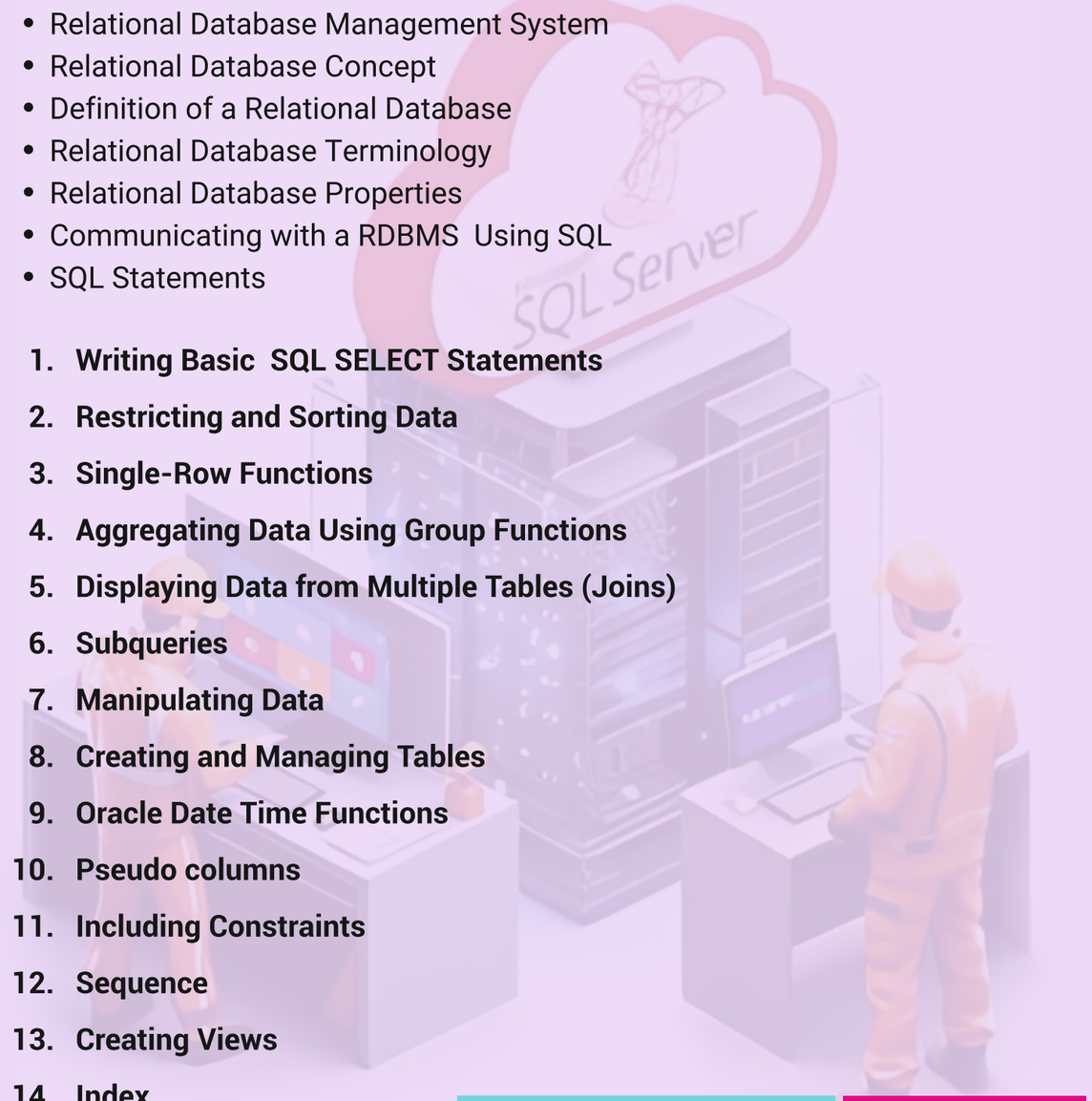


SQL Syllabus (OCA)

OCA

Introduction

- Relational Database Management System
- Relational Database Concept
- Definition of a Relational Database
- Relational Database Terminology
- Relational Database Properties
- Communicating with a RDBMS Using SQL
- SQL Statements



1. **Writing Basic SQL SELECT Statements**
2. **Restricting and Sorting Data**
3. **Single-Row Functions**
4. **Aggregating Data Using Group Functions**
5. **Displaying Data from Multiple Tables (Joins)**
6. **Subqueries**
7. **Manipulating Data**
8. **Creating and Managing Tables**
9. **Oracle Date Time Functions**
10. **Pseudo columns**
11. **Including Constraints**
12. **Sequence**
13. **Creating Views**
14. **Index**
15. **Controlling User Access**
16. **Synonyms**

Course Duration	Course Fees
12 Weeks	Enquire

Study Material Provided. (Soft Copy)

R / R DATA SCIENCE

RRDS

1. Getting Started with R:
- 1.1 Installing R on Windows
- 1.2 Writing Code / Setting Your Working Directory (Windows)
- 1.3 Data Types - R Objects and Attributes
- 1.4 Data Types - Vectors, Lists, Matrices, Factors, Data Frames and Name Attribute
- 1.5 Subsetting
- 1.6 Getting Started and R Nuts and Bolts
- 1.7 Variables

2. Programming with R:
- 2.1 Control Structures- Loops
- 2.2 Functions
- 2.3 Scoping Rules

3. Fundamentals with R:
- 3.1 What is a Vector?
- 3.2 Vectors
- 3.3 Packages and Functions in R

4. Loops with R:
- 4.1 Loop Functions - lapply, mapply, tapply, etc.
- 4.2 Debugging Basic Functions

5. Matrices with R:
- 5.1 Matrices
- 5.2 Building Your First Matrix
- 5.3 Naming Dimensions, Colnames() and Rownames()
- 5.4 Matrix Operations
- 5.5 Visualizing With Matplot()
- 5.6 Visualizing Subsets

6. Capstone Project with R:

Duration : 8 Weeks	**Method of Training**
Tuition Fees : Enquire	**Practical : 80%**
Installment :	**Theory : 20%**

Study Material provided. (Soft Copy)

Extended Part in R with Data Science

7. DataFrames with R:
- 7.1 Importing data into R
- 7.2 Exploring your dataset
- 7.3 Using the $ sign
- 7.4 Basic operations with a Data Frame
- 7.5 Filtering a Data Frame
- 7.6 Introduction to qplot
- 7.7 Visualization with qplot
- 7.8 Building and Merging Dataframes

8. GGPLOT with R:
- 8.1 What is a Factor?
- 8.2 Aesthetics
- 8.3 Plotting With Layers
- 8.4 Overriding Aesthetics
- 8.5 Mapping vs Setting
- 8.6 Histograms and Density Charts
- 8.7 Starting Layer Tips
- 8.8 Statistical Transformations and Coordinates
- 8.9 Perfecting By Adding Themes

9. Advance Programming with R:
- 9.1 Math Functions with R
- 9.2 Regular Expressions
- 9.3 Regular Expressions

10. Data Manipulation Static and dynamic network visualization with R:
- 10.1 Guide to Using Dplyr
- 10.2 Pipe Operator
- 10.3 iGraph
- 10.4 Plotting Networks with iGraph
- 10.5 Interactive Network Visualization
- 10.6 Dynamic Network Visualization

11. Machine Learning with R
- 11.1 Linear Regression with R
- 11.2 Logistic Regression with R
- 11.3 K Nearest Neighbors with R
- 11.4 Support Vector Machines with R
- 11.5 K Means Clustering with R
- 11.6 NLP (Natural Language Processing) with R
- 11.7 Neural Nets with R

12. Capstone Project with R

Duration : 12 / 14 Weeks
Tuition Fees : Enquire
Installment :

Study Material provided. (Soft Copy)

Module VI
ChatGPT AND Ai Tools

ChatGPT
- What is Chat-GPT?
- How to Create Chat-GPT Account?
- Understand Chat-GPT
- What Chat-GPT Can Do For You?
- How to write effective Chat-GPT prompts?
- Create Quizzers for the Study Materials
- Blog Content Writing with Chat-GPT
- Essay and Story Written by Chat-GPT

Ai Tools
- Create Single Page Website, Documents & PPT in Minutes Using AI
- Create Designs for FREE using AI
- AI Magic Tool to convert Text to Video
- AI Magic Tools to convert Text to Image
- Use AI to Create a Social Media Contents
- AI Writer for all your Writing Needs

Module VII
Assignment & Project Work

Module VIII
Practical on Job Training / Live Experience

Duration	**: 18 months (1 hours daily)**
Tuition Fees	**: Rs. 1,75,000/- (Free : Laptop*)**
Installment	**: DP - 50,000/- (14 X 10,000/- p.m)**
Tuition Fees	**: Rs. 1,40,000/- without Laptop**
Installment	**: DP - 50,000/- (10 X 10,000/- p.m)**

Note : Study Material Provided. (Soft Copy)



Ideal Course to Become a Computer Genius / Wizard

(Laptop will be provided to the Student only on Full Payment of Fees.)

- **FREE LAPTOP** Carrying **1 Year Warranty** from the Manufacturer
- Qualified, Experienced & Expert Faculty Members
- Industry Recognized Masters Diploma Will be awarded to the learner on completion of course / Exams / Case studies / Assignments
- 400 Hours of Hardcore Training + Course Material (Softcopy)

My number one piece of advice is; you should learn how to program.

- Mark Zuckerberg -



B

DIPLOMA IN JAVA PROGRAMMING

JP

Java rules the net, Now you can rule Java

Become a Java Specialist

Course Contents :

1. **Introducation to Java**
   - Difference between C, C++, Python & Java
2. **Features of Java**
3. **Operator in Java**
4. **Data type, Keywords & Identifiers**
5. **Control Flow Statement, Array**
   - If, if-else, nested if
   - Switch
   - Loops - While, for, do... While
   - Break & continue
6. **OOP'S IN JAVA**
   - Class
   - Object
   - Functions
   - Data Abstraction
   - Encapsulation
   - Constructor
   - Inheritance
   - Polymorphism
   - Access Modifier
   - Finalize( )
7. **Interface & Packages**
   - Java I/o
   - Java utilities
8. **Exception Handling**
   - Try....catch...finally statement
   - Throw...statement
9. **Numbers**
   - Static
   - Math
   - Date
10. **Threading & Multithreading**
11. **Java Collections**
    - Array List
12. **Streams & File handing**
13. **Java Applets**
    - Difference between Applets & Application Programming
14. **Event Handling**
    - Item Listener
    - Event Listener
15. **Abstract Window Toolkit**
    - AWT component
    - Frame
    - Panel
16. **Project**

Duration : 2 Months (50 Hours)	**Method of Training**
Tuition Fees : Rs. 15,000/-	**Practical : 80%**
Installment : Rs. 8,000/- + 8,000/-	**Theory : 20%**

Note : Study Material Provided. (Soft Copy)

"It Is Possible To Fly Without Motors, But Not Without Knowledge And Skill."



N

SAP FICO COURSE MODULE

SFCM

Certified SAP FICO Course Module

Certified MODULE (Finance and Cost Controlling)

1. DEFINE GLOBAL PARAMETER FOR COMPANY CODE : Define Company - OX15 | Define Company Code - OX02 | Assign Company Code to Company - OX16 | Define Field Status Variant -OBC4 | Assign Field Status Variant to Company Code - OBC5 | Define Fiscal (Financial) Year Variant - OB29 | Assign Fiscal Yeat variant to Company Code - OB37 | Define Variants for Open Posting Period - OBBO | Assign Posting Period Variant to Company Code -OBBP | Open and Close Posting Period Variant -Ob52

2. GENERAL LEDGER ACCOUNTING : Create Chart of Account -OB13 | Assign Chart of Account to Company Code - OB62 | Create Account Groups - OBD4 | Define Retain Earning Account - OB53 | Create GL Accounts - Centrally, Company Code, COA - F500 | Create Tolerance Group for GL. Account OBA0 | Create Tolerance for Employee - OBA3 | Create Tolerance range for Customer/Vendor - OBA4 | Maintain Exchange Rate Table - 0B08 | Maintain Payment Term - OBB8 | Document Types - OBA7 | Posting Keys - OB41 | Define Number Ranges for Comp Code - FBN1

3. CONTROLLING MODULE SETTING : Create Controlling Area - OKKP | Assign Controlling Area to Company Code - OKKP | Activate Controlling Components - OKKP | Create Standard Hierarchy for Profit Center -OKES | Create Primary Cost Element - F500 | Create Segment | Create Profit Centel - KES1 / KES2 / Ke5a / Ke54 | Create Business Area - OX03 | Create Cost Center - KS91 | Create internal Order - KO01 | Create WES -CI20N | Maintain Number Ranges for Controlling Document-KANK | Maintain Version Management - OKEQ | Set Controlling Area - OKKS

4. ACCOUNT PAYABLE - VENDOR : Create Vendor Reconciliation Account (It is post automatically by default) - FS00 | Create Vendor Account Group - OBD3 | Create Number Ranges for Veridors -XKN1 | Assign Number Range for Vendor Groups - OBAS | Create Vendor Master - FK0I/FK02/FK03/FK04/FK05 | Post Vendor Invoice -FB60 | Display Vendor invoice -FBO3 | Edit/Park Vendor invoice - FV60 | Post Park Document- FV60 | Post Vendor invoice in Foreign Currency - FB60 | Post-Standard. Partial & Residual Vendor Payment - F-53 | Reverse Payment Document - FB08 | Display Vendor Balances Report - FK10N | Display Vendor Line item Report - FBL1N | Post Vendor Invoice with Cash Discount Received | Post Vendor Down Payment | Set-Up Automatic Payment Program (FBZP) | Define APP Corpariy Code | Define APP in Paying Company Code | Payment Method in Country | Payment Method in Company Code| Bank Determination | House Bank | Maintain Payment Method in Vendor Master - Fk02 | Post Vendor Invoices with due date — FB60 | Run Automatic Payment Program - F110

5. ACCOUNT RECEIVABLE - CUSTOMER : Create Customer Reconciliation A/c - FS00 | Create Customer A/c Group - OBD2 | Create Number Ranges for Customer - XDN1 | Assign Number Range-for Customer Group - OBAR | Create Customer Master - FD01 | Post Customer invoice - FB70 | Post Partial Customer Payment - F-28 | Post Residual Customer Payment F- 28 | Post Customer Full Payment - F-28 | Edit/Park Cust invoice -FV70 | Post Park Doc - FV70 | Pest Cust. Invoice in Foreign Currency | Display Cust. Balance Report - FD10N | Display Customer Line item Report - FBL5N | Doc Reversal - FB08 | Post Customer invoice with Cash Discount Granted | Post Customer Advance Receipt

6. BANK ACCOUNTING : Create GL Account for Main, incoming and Outgoing Bank - Fs00 (Revavent to CashFlow tick) | Create House Bank Master Data.- FI12.| Define Bank Key - FI01 | Create Check Lot - FCHI | Cancellation of unused Check - FCH3 | Check Register - FCHN | Creation of Void Reason- FCHV | Past Vendor Payment Document- F-S3 | Manual Check Creation - FCH5 | Electronic Bank Reconciliation - OT83 | Run Electronic Bank Reco. FF_5 | Display Bank Statement - FF_6 | Re-Run Bank Reco - FEBAN | Cash Journal/Petty Cash - FBCJ | Cash journal/Petty Cash - Create Cash Journal GL accourit - Post Automatically Tick - FS00 | Define Document Type for Cash Journal - CJ (OBA7) | Define Number Ranges for Number Range for Cash Journal 01-20 | Create Change Delete Business Transaction - From & To -\Main Bank GL | Set up cash Journal | Print Setup Parameter for cash jourrial | Post Cash journal - FBCJ | Daily Report

7. FIXED ASSET : Define Reference Chart of Depreciation | Copy/Delete Depreciation Area | Assign Input Tax Indicator for Non Taxable Acquisition | Assign Chart of Depreciation to Company Code | Specify Account Determimation | Create Screen layout Rules | Define Number Rarige interval for Asset | Define Asset Class | Define Screen Layout for Asset Depreciation Area | Define Depreciation Key | Create Acquisition, Accmulated and Depreciation GL Account | Assign GL Accounts for Asset Posting | Determine Depreciation Area in Asset Class | Create Asset Master Data - AS01 | Block Asset Master Data - ASO5 | Delete Asset Master Data - AS06 | Post Asset Acquisition - F-90 | Display Asset Explorer - AW01N | Reverse Asset Posting - AB08 | Asset Transfer within Company Code - ABUMN | Asset Retirement with Customer -F-92 | Asset Retirement without Customer - ABAON | Asset Retirement by Scrappirig -ABAVN | Run Depreciation - AFAB | Asset Reports — AR01/AR02

8. TAXATION ©: Tax on Sales and Purchase | Define Access Sequence in Pricing Procedure - O8Q2 (MWST) | Define Condition Type in Pricing Procedure -OBB1 (MWV5) Output (MWAS) | Maintain Condition Type in Pricing Procedure - OBQ3 (TAXINN] | Assign Country to Calculation Procedure - OBBG | Create Tax Code . FTXP | Creste input Tax GL Account - FS00 | Define Tax Code to Transaction Key-OB40 | Maintain Tax Code for Transaction Type - OBZT | Maintain Tax rate in Condition Record - FV11 | Post Vendor Invoice with Tax Code -FB60 | Withholding Tax (TDS) | Define WHT Keys | Define WHT Type | Assign Recipient Type to WHT Type | Assign WHT Type to Company Code | Define WHT Code | Create GL Account for WHT | Maintain WHT GL Account - OBWW | Activate WHT in Company Code | Maintain WHT code in Vendor Master | Post Vendor Invoice with TDS .

9. MONTH END & YEAR END ACTIVITIES IN FI : Open Posting Period - OB52 | Run Bank Reconciliation -F.05 | Run Depreciation -AFAB | Post Accrual - FB50/FB01 | Post Recurring Entries - FBD1 | Post Foreign Currency Evaluation -Yearly | Open Posting Period - Ob52 | Close Asset Accounting Year - AJRW | Open Asset Accounting Year - AJAB

10. PROJECT TOPICS : LSMW | Integration of FI with MM and SD | Table Management | Functional Specification Writing | TR Management | GST SAP Overview | HANA Overview.

Duration : 4 Months	**Method of Training**
Tuition Fees : Enquire	**Practical : 80%**
Installment :	**Theory : 20%**

Study Material Provided. (Soft Copy)

DIPLOMA IN CYBER SECURITY AND ETHICAL HACKING

CYBER SECURITY & ETHICAL HACKING SYLLABUS

DCSEH

COURSE BENEFITS : You will learn to identify security vulnerabilities and weaknesses in the target applications. Covers ethics, legality, methodologies, and advanced techniques of hacking. Ideal for students from IT Stream

TRAINING MODULES

Module 1: Introduction to Cyber Security (8 Hours)
Core Topics : What is Cyber Security?, CIA Triad (Confidentiality, Integrity, Availability), Types of Hackers & Cyber Attacks, Cyber Security Domains, Information Security vs Cyber Security, Cyber Laws & Ethics, Career Opportunities
Hands-On Practical: Setting up a Virtual Lab | Installing VirtualBox & Kali Linux

Module 2 : Networking Fundamentals (15 Hours)
Core Topics : OSI Model & TCP/IP Model, IP Addressing (IPv4 & IPv6) & Subnetting Basics, DNS, DHCP, HTTP, HTTPS, FTP, SSH, SMTP, Ports & Protocols, Routers, Switches & Firewalls
Hands-On Practical : Network Commands Exploration | Packet Analysis with Network Tools | IP Configuration Lab

Module 3: Linux Essentials (12 Hours)
Core Topics: Linux Installation & File System Architecture, Essential Linux Commands, File Permissions & User Management, Shell Basics & Intro to Bash Scripting
Hands-On Practical: Kali Linux Command-Line Lab | Writing Simple Bash Scripts

Module 4: Ethical Hacking Fundamentals (15 Hours)
Core Topics: Ethical Hacking Methodology, Footprinting & Reconnaissance, Open Source Intelligence (OSINT), Google Dorking & WHOIS Lookup, DNS Enumeration Techniques
Tools Covered: Maltego, Recon-ng, theHarvester
Hands-On Practical: Comprehensive Information Gathering Lab

Module 5: Network Scanning & Enumeration (12 Hours)
Core Topics: Host Discovery Techniques, Port Scanning & Service Enumeration, Banner Grabbing, Vulnerability Identification
Tools Covered: Nmap, Netcat, Wireshark
Hands-On Practical: Scanning Local Authorized Networks | Packet Analysis & Capture

Module 6: Vulnerability Assessment (15 Hours)
Core Topics: Vulnerability Assessment Frameworks, Understanding CVE & CVSS Scores, Common Weaknesses & Risk Analysis
Tools Covered: Nessus Essentials, OpenVAS, Nikto
Hands-On Practical: Scanning Target Test Machines | Generating Professional Vulnerability Reports

Module 7: Web Application Security (20 Hours)
Core Topics: Website Architecture & HTTP Requests/Responses, Cookies, Sessions, Authentication & Authorization, OWASP Top 10 Vulnerabilities, SQL Injection (SQLi), Cross-Site Scripting (XSS) & CSRF, File Upload Vulnerabilities
Tools Covered: Burp Suite Community, OWASP ZAP
Hands-On Practical: Testing and Auditing Vulnerable Web Applications

Module 8: Password & Wireless Security (10 Hours)
Core Topics: Password Security & Cryptographic Hashing, Multi-Factor Authentication (MFA), Wireless Security Fundamentals & Wi-Fi Encryption, WPA/WPA2 Basics
Tools Covered: John the Ripper, Hashcat
Hands-On Practical: Password Strength Testing & Cracking Demonstrations

Module 9: Malware & Social Engineering Awareness (Flexible)
Core Topics: Malware Types: Ransomware, Trojans, Spyware, Social Engineering Psychologies & Phishing Mechanics, Email Security & Header Analysis
Hands-On Practical: Malware Identification Lab | Phishing Awareness Exercises

Module 10: Digital Forensics & Incident Response (10 Hours)
Core Topics: Digital Evidence Handling & Chain of Custody, Log Analysis & Event Reconstruction, Incident Response Lifecycle, File Recovery Basics
Hands-On Practical: Basic Forensic Investigation & Artifact Recovery

Module 11: Cloud & Mobile Security (8 Hours)
Core Topics: Cloud Security Basics & Shared Responsibility Model, Android Security Architecture & Mobile Threats, Secure Cloud Implementation Practices



COURSE DURATION	TUITION FEES	METHOD OF TRAINING
4-6 Months	Enquire	Practical : 70% / Theory : 30%

Study Material Provided. (Soft Copy)

ADVANCED DIPLOMA IN JAVA PROGRAMMING

AJP

EXCELLENT JOB PROSPECTS

Salary Starting from Rs. 25,000/-* per Month for Java Professionals.



Course Contents :

Module I

Operating Systems & Application Softwares

1. **Distributed Communication in RMI**
   - RMI concepts
   - More about stub & skeleton
   - RMI packages
2. **Networking in JAVA**
   - Socket Programming
   - Networking concepts
3. **JAVA Database Connectivity**
   - Various drivers for connectivity
   - JDBC Architecture
4. **JAVA Stored Procedure**
   - More database concepts & queries
5. **Swing in JAVA**
   - More GUI envoronment for application development
   - GUI concepts
6. **Swing Components**
   - J- Button
   - J-TextBox
   - J-Menu etc.
7. **Beans Fundamental**
   - More about JAVA Beans
   - Structure of JAVA
   - Implementation of JAVABeans
8. **JSP Programming**
   - JSP Standard Actions
   - JSP Scripiting Elements
   - JSP Lifecycle
9. **Introduction to XML**
10. **Servlet Programming**
    - Server Side Programming
    - Client Side programming
    - Cookies
    - Sessiontracking
    - Servlet Lifecycle
    - Servlet Request response
11. **Project**

Duration	: 2 Months (50 Hours)	Method of Training
Tuition Fees	: Rs. 17,000/-	Practical : 80%
Installment	: Rs. 10,000/- + 8,000/-	Theory : 20%

Study Material Provided. (Soft Copy)

Add on : STRUTS, J2EE, J2ME, SPRINGS

Note : Study Material provided. (Soft Copy)

DIPLOMA IN SOFTWARE ENGINEERING

DSE

Become a Programmer / Developer / Coder

Salary starting from Rs. 20,000/-* per month for S / W Programmers / Developers.

Course Contents :

Compulsory Topics

1. Programming Logic & Techniques
2. Flow Charts & Algorithms
3. Software Development Activities
4. Software Development Model
   - Spiral Model
   - Waterfall Model

Any 3 Languages

5. System Programming - C
6. OOPs - C ++
7. Java Script
8. C#.Net or VB.Net
9. RDBMS, SQL - Oracle
10. Core JAVA or Core Python



Duration : 4 Months (100 Hours)	**Method of Training**
Tution Fees : Rs. 30,000/-	**Practical : 80%**
Installment : Rs. 12,000/- + 10,000/- + 10,000/-	**Theory : 20%**

Study Material provided. (Soft Copy)

Your Time Is Limited.
Don't Waste It Living
Someone Else's Life

- steve jobs

Tools You Will Master

- Microsoft Excel (Advanced)
- Business Statistics
- SQL / MySQL
- Tableau
- Microsoft Power BI
- Python
- Power Query
- Power Pivot
- DAX
- Data Visualization

Practical Projects

During the programme, you will work on industry-oriented projects such as:

- Sales Dashboard
- HR Analytics Dashboard
- Customer Analysis
- Financial Reports
- Marketing Performance Dashboard
- Data Cleaning Projects
- Business Intelligence Reports
- End-to-End Data Analytics Mini Project

Skills You'll Develop

After completing the course, you'll be able to:

- Clean and prepare business data
- Analyse large datasets
- Create interactive dashboards
- Build insightful reports
- Use SQL for data extraction
- Develop Power BI & Tableau dashboards
- Perform data visualization
- Present business insights confidently

Career Opportunities

This programme prepares you for roles such as:

- Data Analyst
- Business Analyst
- MIS Executive
- Reporting Analyst
- Power BI Developer
- Tableau Developer
- SQL Analyst
- Junior Data Scientist (Entry Level)
- Business Intelligence Executive

Who Can Join?

Ideal for :

- Students
- Fresh Graduates
- Working Professionals
- Commerce Graduates
- Engineers
- IT & Non-IT Professionals
- Anyone interested in a career in Data Analytics

No prior programming knowledge required

Why Choose CMIT?

- Industry-Oriented Curriculum
- 80% Practical Training
- Experienced Trainers
- Real-Life Projects
- Interview Preparation
- Career Guidance
- Placement Assistance
- Established Institute Since 1989, 65000+ Careers launded

Certification

On Successful Completion, Students Receive:

- CMIT Computer Institute Course Completion Certificate
- MKCL KLiC / YCMOU Certification

Duration : 4-5 Months	**Method of Training**
Training Hours : 100-120 Hours	**Practical : 80%**
Mode : Offline • Online • Hybrid	**Theory : 20%**

Eligibility Students, Graduates & Working Professionals

Study Material Provided. (Soft Copy)

DIPLOMA IN DATA ANALYTICS

DDA

Become a Job-Ready Data Analyst in Just 4–5 Months

Your Learning Journey

Module 1
Business Statistics
Build a strong analytical foundation by learning:
- Types of Data
- Mean, Median & Mode
- Probability
- Data Cleaning
- Correlation Analysis
- Data Interpretation

Outcome : Understand how businesses use numbers to make better decisions.

Module 2
Advanced Microsoft Excel
Master one of the most demanded business tools.
You will learn:
- Advanced Formulas
- Lookup Functions
- Pivot Tables
- Pivot Charts
- Interactive Dashboards
- Power Query
- Power Pivot
- Macros

Hands-on Projects
Create professional MIS Reports and Business Dashboards.

Outcome : Extract business information from large databases confidently.

Module 3
SQL & MySQL Database
Learn how companies store and retrieve data.
Topics include:
- Database Concepts
- SQL Queries
- Filtering Data
- Joins
- Aggregate Functions
- Ranking Functions
- Views
- Stored Procedures

Module 4
Tableau
Turn raw data into beautiful visual stories.
Learn:
- Interactive Charts
- Filters
- Parameters
- Calculated Fields
- Dashboards
- Storytelling with Data
- Dashboard Publishing

Outcome : Create impressive dashboards for presentations and business reporting.

Module 5
Microsoft Power BI
One of the most in-demand BI tools globally.
Topics Covered
- Data Import
- Data Modelling
- Relationships
- DAX
- Interactive Reports
- KPIs
- Dashboards
- Publishing Reports

Outcome : Build professional business intelligence dashboards used in industries worldwide.

Module 6
Python for Data Analytics
Learn programming in the easiest possible way.
Topics include
- ✔ Python Basics
- ✔ Variables
- ✔ Loops
- ✔ Functions
- ✔ NumPy
- ✔ Pandas
- ✔ Matplotlib
- ✔ Data Cleaning
- ✔ Exploratory Data Analysis
- ✔ Mini Project



ADVANCED DIPLOMA IN SOFTWARE ENGINEERING

ADSE

To be a Software Developer / Programmer / System Analyst in a Reputed IT Company

Suitable for XII, Graduates, PG, Job Seekers in S / W Development Field.

Course Contents :

1. Programming Logic & Techniques
2. Flow Charts & Algorithms
3. Software Development Activities
4. Software Development Models

Any 6 languages

5. Systems Programming - C
6. OOPs - C++
7. Java Script
8. Oracle - SQL
9. Oracle - PL / SQL.

or **MS SQL**

10. Core JAVA. or Core Python
11. Adv. JAVA or Adv. Python
12. .Net Frameworks
13. C#.net
14. VB.net
15. ASP.net
16. PHP with My SQL
17. Perl Language

Duration : 8 Months (200 Hours)	**Method of Training**
Tuition Fees : Rs. 60,000/-	**Practical : 80%**
Installment : Rs. 20,000/- + (7,000/- x 6)	**Theory : 20%**

Study Material provided. (Soft Copy)

We're changing the world with technology. - Bill Gates



F

DIPLOMA IN COMPUTER MANAGEMENT

DCM

Comprehensive Career Course in Information Technology

TOPICS
(Select any 10 Topics)

1. Computer Concepts & Windows 10
2. MS-Office - 2019 / New Version
   (Word, Excel, PPT, Out Look)
3. Adv. Excel
4. Adv. Power Point
5. Corel Draw
6. Illustrator
7. Photoshop
8. Animate
9. HTML
10. Dreamweaver
11. Java Script
12. Tally Prime (Level 1)
13. Adv. Tally + GST
14. C ++ or Core Python
15. Basic of Chat GPT & Ai Tools

Free :
Certificate in MS-CIT
+
Klick Diploma
(Selected Topics)

Duration : 8 Months (1 Hour Day)	**Method of Training**
Tuition Fees : Rs. 85,000/-	**Practical : 80%**
Installment : Rs. 40,000/- + (8,000/- x 6)	**Theory : 20%**

Study Material provided. (Soft Copy)



"Our industry does not respect tradition - it only respects innovation."

- Satya Nadella, Chief Executive
(Officer of Microsoft)

K

DIPLOMA IN PYTHON LANGUAGE

DPL

Learn Core and Advanced Python Coding Skills

WHY LEARN PYTHON?

- High Industry Demand & Growth: Top growing skill in the software industry with excellent career mobility.
- Lucrative Compensation: Starting salary for Python developers is around ₹70,000+ per month.
- Easy to Learn & Clean Syntax: Simple, readable syntax without braces and semicolons for faster coding and debugging.
- Versatile & Powerful: Supports Object-Oriented, Functional, Procedural, and Imperative paradigms with dynamic typing.

WHO SHOULD LEARN & WHY CMIT?

- Fresh Programmers & Students: Ideal entry language for beginners into high-level software development.
- Experienced Developers: Quick to pick up for expanding skill sets and building modular applications.
- Hands-on Experienced Faculty: Learn from reputed instructors with real corporate hands-on experience.
- Personalized Learning Pace: Individualized attention focusing on student needs with demo classes available.

APPLICATIONS OF PYTHON LANGUAGE

- ✔ **Web & CGI Development :** Building dynamic web interfaces, server-side CGI scripting, cookies & file uploads.
- ✔ **Database Systems :** Database connection management, executing queries, handling transactions, and error handling.
- ✔ **GUI Applications :** Desktop graphical interfaces using Tkinter widgets and desktop event management.
- ✔ **Network & Multithreading :** Socket programming, client-server models, priority queues, and thread synchronization.
- ✔ **Enterprise & Systems :** Automation scripting, cross-platform system integration (Windows, Linux, Mac OS, .NET, Java JVM).

COURSE SYLLABUS HIGHLIGHTS (CORE & ADVANCED)

CORE PYTHON MODULES

- Introduction & Features: History, Setting path, Basic Syntax
- Data Structures: Variables, Data Types, Operators, Expressions
- Control Flow: Conditional statements (If, If-Else, Nested), Loops (For, While), Break, Continue, Pass
- String Manipulation: Accessing strings, Operations, Slices, Methods
- Collections: Lists, Tuples, Dictionaries (Accessing, Operations, Functions & Methods)
- Modular Programming: Defining/Calling Functions, Arguments, Anonymous functions, Scope, Modules, Packages

ADVANCED PYTHON MODULES

- File I/O & Exception Handling: Keyboard input, File R/W, Try-Except-Finally, User Defined Exceptions
- Object Oriented Programming (OOPs): Classes, Objects, Attributes, Inheritance, Overloading, Overriding, Data Hiding
- Regular Expressions: Match & Search functions, Modifiers, Patterns
- Web & CGI Programming: Architecture, CGI Environment, GET/POST, Cookies, File Uploads
- Database & Networking: DB Connections, Queries, Transactions, Sockets, Client/Server interaction
- Multithreading & GUI: Thread Synchronization, Threading Module, Priority Queues, Tkinter Widgets

COURSE DURATION	TUITION FEES	ENROLLMENT
4 Months (100 Hours)	**Rs. 30,000/-**	**Register for Demo Class!**

DIPLOMA IN DOT NET DEVELOPER

DDND

Certified Course in Dot Net with MVC

PART-1 ; C#.NET / VB.NET

DotNET Enterprise Architecture : Introduction to the , NET platform | Common Language Run Time (CLR) | The Common Type Specification (CTS) | The Common Language Specifications (CLS) | Microsoft intermediate Language (MSIL) | C#,NET Language Basics | Data Types -Type Conversion | Boxing & Unboxing | Conditional Statements | Looping | Methods in C# | Properties | Arrays | Structures, Enumerations | Strings

Objects Oriented Programming : Oops Concepts | Encapsulation | Inheritance | Polymorphism | Class and Object | Constructors | Dynamic types | Optional parameters | Names & optional | arguments | Covariant generic type parameters | Destructors | Method | overloading | Method overriding | Early binding. Late Binding | Abstract Classes | Abstract Methods | Interfaces | Multiple inheritance

Memory Management : Garbage Collector | Stack.and Heap | System, GC Class | System. Object Class

Exception Handling : System Defined & Custom Exceptions | Try, Catch, Finally | Throwing exceptions

Operator Overloading Gui Application Development : Windows forms and Controls | Creating Menus | Toolbars, Image List | Tree view, List view

File Handling & Multi Threading : System. I O namespace | File Stream | Stream Reader & writer | Fileinfo | Directory info | Threading | Thread synchronization | Thread life cycle

PART-2 : ASP.NET

Web Programming Inraduction | HTML and JavaScript Introduction | Introduction to ASP | ASP.NET Introduction & Sample Programs | Validation Controls | Applying Themes and Styles to Controls | ASP.NET Architecture | Page Navigation Options | Creating a Layout Using Master Pages | User Control | ASP.NET State Management | Databound Controls | Creating Virtual Directory & Web Application | Understanding Web.Config | Web Caching | Authentication & Authorization | Globalization and Localization

PART-3 : ASP.NET MVC

ASP.NET MVC Intro | Advantages MVC | MVC Controller | MVC Action | MVC Action Selector | MVC Action Filter | MVC Model | MVC Model Binding | MVC View | MVC Validation | MVC Authentication | MVC Routing | MVC Project.

Duration	**: 6 Months**	
Tuition Fees	**: Enquire**	
Installment	**:**	
Method of Training	**Practical : 80%**	**Theory : 20%**

Study Material Provided. (Soft Copy)

DIPLOMA IN GRAPHICS & ANIMATION

DGA

For Creative Careers in Graphics & Animation

- Corel Draw or illustrator (Vector Work)
- Photoshop (Image Editor)
- Adobe Animate (2D Animation)
- 3D Studio Max (3D Animations)
- 3 D Character Studio & Modeling (Basics)

Duration : 6 Months (150 Hours)	**Method of Training**
Tuition Fees : Rs. 50,000/-	**Practical : 80%**
Installment : Rs. 25,000/- + (4,500/- x 6)	**Theory : 20%**

Study Material provided. (Soft Copy)

REWARDING CAREERS IN

- Advertising Print and Art Media
- Fashion Designing
- Jewellery Designing
- Packaging
- Product Designing
- Industrial Designing
- Internet Advertising
- Printing Technologies & many more



Salary starting from Rs. 25,000/-* P.M. onwards.

*Conditions Apply

"Technology will not replace great teachers but technology in the hands of great teachers can be transformational."

- George Couros -

H

DIPLOMA IN GRAPHICS ANIMATION & MULTIMEDIA

DAM

For Creative Careers in Graphics, Animation & Multimedia

Salary starting from Rs. 25,000/-* per month.

1. InDesign (Text Editor)
2. Corel Draw (Vector Work)
3. Adobe Illustrator (Vector Work)
4. Adobe Photoshop (Image Editing)
5. Adobe Animate (2D Animation)
6. Adobe After Effects (Special effects VFX)
7. Adobe Premier Pro (Video Editing)
8. Adobe Audition (Sound Editing)
9. 3D Studio Max (3D Animation)
10. Maya Basics (3D Modeling)

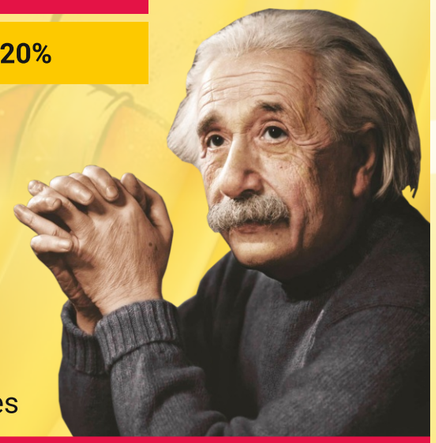
Duration : 12 Months (300 Hours)	**Method of Training**
Tuition Fees : Rs. 100000/-	**Practical : 80%**
Installment : Rs. 30,000/- + (8000/- x 10)	**Theory : 20%**

Study Material provided. (Soft Copy)

*Conditions Apply

Rewarding Careers in

- Advertising Print and Art Media
- Fashion Designing
- Jewellery Designing
- Packaging
- Product Designing
- Industrial Designing
- Internet Advertising
- Film Productions
- Digital Media
- Printing Technologies



“If you can’t explain it simply, you don’t understand it well enough.”

- Albert Einstein -

I

DIPLOMA IN ANDROID DEVELOPER

DAD

Certified Android Application Developer

Module 1: introduction to Android: Android Studio | Architecture and Libraries. | Dalvik Virtual Machine, DDMS, SDK Manager and AVD Manager. | Android API levels | Setting Android Programrming Environment.

Module 2: Application Structure (in detail) : Basic Building blocks -Activities & Life Cycle | AndroidManifest.xml | Gradle | Layouts & Drawable Resource | Values (Color.xml, String.xml and styles.xml) | First sample App

Module 3: Emulator-Android Virtual Device : Create emulator | Editing emulator settings | Emulator shortcuts | Log-cat usage | Timber library | Testing Application in Different resolutions & OS version Emulators.

Module 4: Basic UI design : Form widgets | Text Fields | Using Coordinator Layout | RelativeLayout | LinearLayout | ConstraintLayout | Material Design [Snackbar, fab button, toolbar etc) | Examples of Calculator App.

Module 5: Basic UI Components : Time-picker and Date-picker | imageView and Vector Images | RadioButton and RadioGroup | Checkbox & Spinner | SeekBar & AutoCompleteTextview | with Examples App.

Madule 6: Intents (in detail) : Explicit intents (Communicating data among - Activities) | Implicit intents (Phone Calls, SMS and Email Sending) | Services & Broadcast Sending and Receivers. Problems & solutions, | Thread Running in Background Services | Examples of the communication between Activities.

Module 7: Adapters and List Views : RecyclerView with CardView | Custom Listview, Listview & Gridview. | Array Adapters, Base Adapters | Example App

Module 8: Data Storage : Shared Preferences | Android File System, | Examples of Sign-in And Sign-up App

Module 9: Room Database (Content Providers) : Creating Database, Insert Update, Delete & Select Operations | Using Cursor Reading and updating records in DB.| Example: Develop an App for CRUD operations

Module 10:Google API Services : FCM Notifications Implementation | Using Google Developer Consoles | Google MAP integrations with API Key | GPS, Location Manager based Services| with Example Application

Module 11: Networking Connection : Implementing Async Task | JSON Parsing with GET and POST Requests Using Volley Library | Glide Library for Image Loading from URL | Accessing Image & Upload on Web Server Using API | Basic Networking Using Retrofit | Live Examples

Module 12: Advanced Topic : VicieoView & Media player | Fragments Life Cycle with respect-to Activity Class | Using Webview | Dashboard UI Design | Alert Dialog Boxes | Navigation View with Drawet Layout | Introduction to MVVM | Generate Signed APK for Google App Store...

Duration : 4 Months	**Method of Training**
Tuition Fees : Enquire	**Practical : 80%**
Installment :	**Theory : 20%**

Study Material Provided. (Soft Copy)