



Training | Internships | Projects | Product Development

# Diploma in Software Development Program

Course Contents  
Proposed Hours - 220+

# Diploma in Software Development Program

## Introduction:

In today's competitive world, education alone doesn't suffice. Students who move to corporates or start as budding entrepreneurs need to hone skills that make them compete in an ever-evolving environment. These skills need to be carved out and practiced on a day to day basis to groom them for the future!

## **Web Development - Module 01 (40Hrs)**

### Front End Development

- Html
- Css
- Javascript
- JQuery
- Ajax
- Cloud Api
- Firebase
- Nodejs & Expressjs

Workshop - Mini Project with cloud deployment on GCP/AWS

## **Programming - Module 02 (120Hrs)**

- Core Java
- Data Structures
- Design Patterns
- Spring Boot
- Mockito & Junit
- Python
- Flask/Django

Workshop - Mini Project on programming skills.

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## **Database - Module 03 (30Hrs)**

- RDBMS (oracle/mysql/postgres)
- NoSQL (Mongodb/cassandra)
- Graph Database (Neo4j)

Workshop - Big Project.

## **Specialization Module**

Student can choose any one from the specialization

### **Machine Learning - Specialization 01**

- Regression
- Classification
- Artificial Neural Network (ANN)
- Convolutional Neural Network (CNN)
- Natural Language Processing (NLP)

### **Blockchain - Specialization 02**

- Basics of cryptography
- Creating a blockchain from scratch
- Bitcoin and Ethereum - Hyperledger Fabric
- Solidity and smart contract development
- Deployment with web3.js

### **Mobile Apps - Specialization 03**

- Kotlin
- React Native

All Mini Projects has to be completed from each student | Attendance should be above 90% from students  
Softskills and interview skills will be added to course

# Distance Education Programs

**BCOM | BA | BBA | BCA | MBA | MCA | MCOM | MA**

We have tied with many UGC recognized university to serve our students who may have discontinued or looking to add wings of education to their career through distance education. We have selected a few universities which are strong in their education system and provide the best platforms to students for their further studies.

Online Study Materials

Online Exams | Online Training

Online Assignments

Relationship Manager

Easy Exam Patterns

## **Our Branches:**

Banashankari 3rd Stage

Jalahalli Cross

Rajarajeshwari Nagar

Head Office:



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