



Innovation Center for Education

# Blockchain

## Global Certification Program

Know More!



Scan me

# Market Trends

## ✓ Growth

It will add \$3.1 Trillion to the world economy by 2030

## ✓ Salary

Average salary in India is 6.97L pa

## ✓ Job Opportunities

Globally 0.5 Million

# Global Skill Gap

IBM and Mastercard have already filed more than 80 patents each for Blockchain related technology and companies are struggling to find sufficient talent to develop their initiatives.

Since January 2017, the demand for Blockchain engineering talent has grown 700 percent and 40% of the fully managed software development projects requested in the last month require Blockchain skills.

# Why Learn Blockchain ?

The growth of Blockchain technology is increasing rapidly and will impact of several aspects like transactions, payments, handling records in future. This impact will affect several organizations, financial norms and government agencies.

# Blockchain

This specialization provides an overview on the Blockchain, the technologies involved in Blockchain, the components of Blockchain and its advantages.

It helps to gain knowledge on building the Blockchain application using Hyperledger which includes composer framework model, composer API's etc.

# Pre-requisites

## Academic Qualification

- Student graduated/pursuing science stream (CS)
- B.Tech – 3rd and 4th year (CS/IS/ Electronics)
- M.Tech/MCA/MSc – 1st and 2nd year
- Professionals with minimum 2 years experience in IT with at least one programming skill

## Knowledge Required

- Basic programming skills
- Basic understanding of security and business environment



# Subjects

- Introduction to Blockchain
- Blockchain Applications using Hyperledger
- Industry Application Development using Blockchain

## About Us

### IBM and ASAP Collaboration

Additional Skill Acquisition Program (ASAP) has identified the need to tie up with a well recognized organization, whose skill development methodologies, tools and capabilities are proven, whose certification is globally recognized.

#### IBM

75+ years of experience in the field of education, one of the most respected and recognized company globally.

#### ASAP

ASAP was incorporated in the year 2012 through State Skill Development Project with the aim of 'empowering' the youth of

## Why Choose Us ?

- World Class Content
- Virtual Labs
- Learning Pedegogy
- Enhanced Learning
- World Class Training
- Projects
- Flexibility
- Global Recognition

## Blockchain Outcome

**The successful completion of this course will make the student:**

- Have sufficient knowledge and skills in the areas of Blockchain, Hyperledger etc
- Gain a hands-on capability on various techniques and applications of Blockchain tools that are relevant to the industry
- Obtain required skills on Python programming and Hyperledger Fabric
- To be an IBM digital badge holder for Advanced Certificate in Blockchain
- Become employable gainfully and be productive from day one to the employer



## Job Roles

- Blockchain Developer
- Blockchain System Architect
- Blockchain Software Engineer
- Blockchain Designer
- Blockchain Quality Engineer
- Blockchain Solution Architect
- Blockchain Project Manager
- Blockchain Legal Consultant
- Blockchain Web Designer
- Core Blockchain Developer
- Blockchain Analyst
- Blockchain QA Engineer

## Globally Recognized IBM Digital Badge



## Register Now!

**IBM Innovation Center for Education (ICE)**  
**Global Certification Program Center,**  
NAD Rd, HMT Colony, North Kalamassery, HMT Kalamassery, Ernakulam,  
Kerala 683503

## Specializations

**Artificial Intelligence/  
Machine learning**

**Business Analytics**

**Data Science**

**Blockchain**

**Cybersecurity**

**Internet of Things**