



Innovation Center for Education

The background of the top half of the slide features a collage of cryptocurrency-related items: several gold and silver coins (Bitcoin, Ethereum, Litecoin) are scattered over a document with columns of numerical data. A blue pen lies diagonally across the left side. A large, semi-transparent blue triangle points from the right edge towards the center, containing the word 'Blockchain' in white.

# Blockchain

## IBM Global Certification Program

"Dare to be remarkable !"



## Market Trends

### ✓ Growth

It will add \$14.2 Trillion to the world economy by 2030

### ✓ Salary

Global average salary  
INR 55L pa

### ✓ Job opportunities

Globally 5000+  
India 600+

## 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 percent of the fully managed software development projects requested.

## 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

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

### Skills

- Basic programming skills
- Basic networking skills
- Basic knowledge on cryptography



# Subjects

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- Introduction to blockchain
- Blockchain applications using Hyperledger
- Industry application development using blockchain

## About Us

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### 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

74+ 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 Kerala.

## Why Choose Us ?

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

## Blockchain Outcome

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**On successful completion of this specialization, the audience will:**

- Understand the concepts, usage and benefits of blockchain technology
- Gain knowledge on developing hyper-ledger blockchain applications
- Learn about blockchain technology in various industries
- Get IBM digital badge as Blockchain professional



## Job Roles

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- Backend 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

## IBM Digital Badge



Become a globally certified Blockchain professional!

**Start Now!**

## Contact Us

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**IBM Global Certification Program Center,**  
NAD Rd, HMT Colony, North Kalamassery,  
HMT Kalamassery, Ernakulam, Kerala 683503

Visit : [www.icecsp.com](http://www.icecsp.com)

Email : [info@icecsp.com](mailto:info@icecsp.com)

Phone :

## IBM Specializations

**Blockchain**

**Business Analytics**

**Cyber Security**

**Artificial Intelligence/  
Machine learning**

**Data Science**

**Internet of Things**