

**Course Name: Certificate Course on Understanding Bitcoin and  
Blockchain Technology (30 hrs)**

**Date: 5<sup>th</sup> July, 2021 – 12<sup>th</sup> July, 2021**

**Curriculum/Course Outline:**

**Module 1: (6 hrs)**

Introduction to blockchain

**Module 2: (6 hrs)**

Blockchain as a Business

**Module 3: (6 hrs)**

Introduction to Crypto and Cryptocurrencies

**Module 4: (6 hrs)**

Mechanics of Bitcoin

**Module 5: (6 hrs)**

How to Store and Use Bitcoins

**ASSESSMENT PROCEDURE:**

Assessments are done through viva-voce, quizzes and presentation. All students successfully completed the course for the given year.

**SUMMARY REPORT WITH OUTCOME:**

The course is intended to provide the basic information about the bitcoins and cryptocurrency. Many questions were addresses during this course such as what are the basics of Bitcoin and its working, how it is different from other technologies? Security behind the Bitcoins? How anonymous are Bitcoin users? How the prices of Bitcoins are decided? What are the Basics of cryptocurrency? How cryptocurrency works? How the regulations can be applied on the cryptocurrency. What is the future of bitcoin and cryptocurrency?

70 students enrolled in this course. After the completion of this course, students can integrate the ideas of bitcoins in their project to achieve better security and how they can deal with the cryptocurrency and the myths and regulations behind this.

The image is a promotional poster for a certificate course. At the top, there are three logos: Shyam Lal College (University of Delhi) on the left, CSD (Center for Skill Development) in the center, and University of Delhi on the right. The main text is centered and reads: "SLC (University of Delhi) Shyam Lal College Center for Skill Development & IQAC present Certificate Course on Bitcoin and Blockchain Technology(30hrs)". Below this, the date is given as "Date: 5<sup>th</sup> July, 2021 to 12<sup>th</sup> July 2021". A central image shows a hand holding a glowing "BLOCK CHAIN" token surrounded by various icons representing blockchain concepts. Below the image, the text "Modules to be Covered" is followed by a list of topics: "Introduction to Blockchain", "Blockchain as a Business", "Introduction to Crypto and Cryptocurrencies", and "Mechanics of Bitcoin How to Store and Use Bitcoins". The organizing committee is listed as "Dr. Gayatri Chaturvedi, Dr. Kinshuk Majumdar, Dr. Seema Dabas, Dr. Komilla Suri, Dr. Ritu Aggarwal, Mohd. Sajid, Ms. Sumanjeet". At the bottom, the roles of the convenor, coordinator, and principal are listed: "Dr. Kavita Arora, Convenor, CSD", "Dr. Kusha Tiwari, Coordinator, IQAC", and "Prof. Rabi Narayan Kar, Principal, SLC". The contact information is "For queries mail us at: csdofslc@gmail.com".

**SLC (University of Delhi)**  
**Shyam Lal College**  
**Center for Skill Development & IQAC**  
*present*  
**Certificate Course on Bitcoin and Blockchain Technology(30hrs)**  
◆ *Date: 5<sup>th</sup> July, 2021 to 12<sup>th</sup> July 2021*

**Modules to be Covered**

Introduction to Blockchain    Blockchain as a Business  
Introduction to Crypto and Cryptocurrencies  
Mechanics of Bitcoin    How to Store and Use Bitcoins

◆ **Organizing Committee: Dr. Gayatri Chaturvedi,  
Dr. Kinshuk Majumdar, Dr. Seema Dabas, Dr. Komilla Suri,  
Dr. Ritu Aggarwal, Mohd. Sajid, Ms. Sumanjeet**

**Dr. Kavita Arora**    **Dr. Kusha Tiwari**    **Prof. Rabi Narayan Kar**  
Convenor, CSD                      Coordinator, IQAC                      Principal, SLC

◆ **For queries mail us at: [csdofslc@gmail.com](mailto:csdofslc@gmail.com)**