



BCT4SMEs

High level knowledge awareness of BlockChain Technology applications in SMEs

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We are happy to announce that we have completed the course development for the project!

Each module that is relevant to blockchain technology and will equip SMEs with the knowledge and skills required to keep up to date with new technologies and boost their business's performance.

Let's take a closer look at the module and their learning objectives:

MODULE 1: CRYPTOCURRENCIES

The learner will:

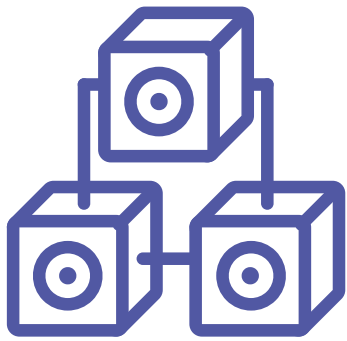
- Understand what cryptocurrencies are and what is the role of blockchain technology in their success.
- Learn the concepts and terms related to investing in cryptocurrencies.
- Understands what cryptocurrency mining is and how different cryptocurrencies provide security.



MODULE 2: PAYMENTS & TRANSACTIONS

The learner will:

- Understand the benefits of implementing DLT-based applications and cryptocurrency payment gateways.
- Learn how to apply additional safety measures for digital payments provided by Blockchain Technology.
- Become familiar with various payment applications.



MODULE 3: TRADING

The learner will:

- Find out more about creating a smart contract in transaction.
- Familiarize himself with the supply chain industry such as track and trace process and related challenges.
- Explore how consensus mechanisms and existing consensus protocols can benefit blockchain technology.



MODULE 4: SECURITY AND PRIVACY

The learner will:

- Be aware of the security and privacy risks in the technological network of SMEs, such as cyber-attacks.
- Understand the advantages offered by the encrypted system, the common ledger and decentralized operations to protect trade secrets and intellectual property.
- Learn how to choose the BaaS platform according to the need and size of their business.



MODULE 5: STORAGE SOLUTIONS

The learner will:

- Know what distributed database and how to use it.
- Understand the difference between on-chain storage and off-chain storage.
- Be aware of the connection between Internet of Things (IoT) and blockchain.
- Learn the advantages of the Decentralized Cloud Storage (DCS).
- Acquire basic knowledge about InterPlanetary File System.

