

ADD ON COURSE 2022-23		
DIGITAL MONEY		
Duration: 30 Hours	Department of Economics	Course code: ECO-DM
<p><b>Course Description:</b> This course provides an in-depth examination of digital money and its impact on the global economy. Students will explore the evolution of digital currencies, block chain technology, payment systems, and regulatory frameworks governing digital transactions.</p> <p><b>Course Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Understand the concept and evolution of digital money.</li> <li>2. Explore different forms of digital currencies and payment systems.</li> <li>3. Analyse the role of block chain technology in digital transactions.</li> <li>4. Examine the impact of digital money on financial inclusion and access.</li> </ol>		
<b>Module 1:</b>		<b>06 Hours</b>
<p><b>Introduction to Digital Money:</b> Definition and characteristics of digital money, Historical overview of digital currencies, Impact of digitization on traditional banking and finance</p> <p><b>Types of Digital Currencies:</b> Cryptocurrencies (e.g., Bitcoin, Ethereum), Central bank digital currencies (CBDCs), Stable coins and tokenized assets</p>		
<b>Module 2:</b>		<b>06 Hours</b>
<p><b>Block chain Technology:</b> Fundamentals of block chain technology, Decentralized ledger systems, Smart contracts and decentralized finance (DeFi)</p> <p><b>Payment Systems and Digital Wallets:</b> Overview of payment systems (e.g., credit cards, mobile payments), Digital wallet technologies and providers, Peer-to-peer (P2P) payment platforms</p>		
<b>Module 3:</b>		<b>06 Hours</b>
<p><b>Financial Inclusion and Digital Money:</b> Role of digital money in promoting financial inclusion, Challenges and opportunities for expanding access to digital finance, Case studies of digital money initiatives in developing countries</p> <p><b>Regulatory Frameworks:</b> Regulatory approaches to digital currencies and fintech innovation, AML (Anti-Money Laundering) and KYC (Know Your Customer) requirements, Consumer protection and privacy considerations</p>		
<b>Module 4:</b>		<b>06 Hours</b>
<p><b>Security and Risks in Digital Transactions:</b> Cybersecurity threats and mitigation strategies, Risks associated with digital asset custody and storage, Fraud prevention and detection mechanisms</p> <p><b>Cryptocurrency Markets and Trading:</b> Overview of cryptocurrency exchanges, Trading strategies and investment considerations, Regulatory issues in cryptocurrency trading</p> <p><b>Digital Money and ecommerce:</b> Impact of digital currencies on online retail and ecommerce, Integration of digital payment systems into ecommerce platforms, Case studies of successful ecommerce businesses leveraging digital money</p>		
<p><b>Textbook:</b> "Digital Gold: Bitcoin and the Inside Story of the Misfits and Millionaires Trying to Reinvent Money" by Nathaniel Popper</p> <p><b>References:</b></p> <ol style="list-style-type: none"> <li>1. "The Age of Cryptocurrency: How Bitcoin and Digital Money Are Challenging the Global Economic Order" by Paul Vigna and Michael J. Casey</li> <li>2. "Block chain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher</li> </ol>		

