Syllabus: ECO 341 MN - Digital Economy [2T]

Class: TYBA Economics

Semester: V

Course Type: Credits Related to Minor - Minor Subject

Course Code: ECO 341 MN

Course Name: Digital Economy

No. of Credits: 2 Credits (Theory)

No. of Lectures per week – 2 Hours

No. of Hours: 30 Hours

Total Marks: 50 Marks

Preamble:

World over economies are becoming highly digitized. In India too we see that economic transactions are increasingly being conducted digitally. Many sectors and institutions are adopting online transactions and services in order to save time, decrease fraud and increase efficiency. Given this, a whole new economy, the digital economy is taking shape and is continuously increasing its reach across people and sectors. In light of this it becomes imperative for students of Economics to gain an understanding about the nature of this digital economy, its characteristics, its scope and its problems.

Course Outcomes:

By the end of the course the student should be able to:

1. Understand what comprises the Digital Economy.
2. To understand the effect of the Digital Economy on economic growth and development.
3. To understand the problems and adverse impacts of the digital economy.
4. To understand the sectoral spread and characteristics of the Digital Economy in India.

UNITS AND CONTENTS

Unit No.	Unit Title &Contents	Hours
1	**1. Digital Economy: Definition and Working**	15
	1.1 - Definition and Meaning of Digital Economy.	
	1.2 - Working of the Digital Economy: E-Commerce, Platforms, Gig Work and Aggregators.	
	1.3 - Economics of Digital Platforms	

	1.4 - Importance of Digital Economy for Economic Growth and Development	
	1.5 - Problems and Adverse Effects of the Digital Economy (Cyber Fraud, Excessive Packaging, Crime related to home deliveries, Adverse effects of timed deliveries).	
	1.6 - Regulation of the Digital Economy	
2	**2. Digital Economy in Different Sectors in India**	15
	2.1 - Digital Banking and Payments Systems (NEFT, RTGS,UPI, IMPS, Adhar Linked Payments)	
	2.2 - E- Governance (Adhar, Digi Locker, Jan Dhan), Implementation Social Welfare Schemes, Agriculture Related Schemes	
	2.3 - Digital Economy in Transportation	
	2.4 - Gig Economy (Platform work) and E-Commerce and Changing Labour Market	
	2.5 - Economy of Online Entertainment and Social Media	
	2.6 - Economy of Online Education and Health, Trading and Investments Services	
	Total Hours	**30**

References

1. Belleflamme Paul, Martin Peitz: **The Economics of Platforms: Concepts and Strategies**; Cambridge University Press.
2. Fagan Frank and James Langenfeld: The Economics and Regulation of Digital Markets; Emarald Publishing Limited; ISBN: 9781837976430.
3. Gangashetty R.V., D.M. Madari and K.P. Suresha (2020): **Digital Economy in India: Issues and Challenges**; Current Publications; ISBN: 9789384803384.
4. Kehal Harbhajan and Varinder P. Singh (2004): **Digital Economy: Impacts, Influences and Challenges**; IGI Publishing; ISBN-10: 1591403634; ISBN-13: 978-1591403630.
5. Pande Pooja, Vibhuti Shivam Dube, Pradeep Kumar Asthana and Mr Hamid Abdullah (2023) **Resurgence of Indian Economy: Digital Transformation Through Fintech**; Shivalik Prakashan ISBN-10: 9391214681; ISBN-13 - 978-9391214685.
6. Parker Geoffrey, Marshall W. Van Alstyne, Sangeet Paul Choudary (2017): **Platform Revolution: How Networked markets are Transforming the Economy and How to Make Them Work For You;** W.W. Norton and Company.

7. Schneider Henrique: **The Economics of Network and Digital Platforms**; Pub: Business Expert Press, 192 pages. ISBN: 9781637427682.
8. Singh Jaspal (2019)**: Digital Payments in India: Background, Trends and Opportunities**, New Century Publications; ISBN: 8177084925 and 9788177084924.

Web References

1. Government of India: Digital India: https://www.digitalindia.gov.in/about-us/
2. UNTAD: Digital Economy Report, 2024. https://unctad.org/publication/digital-economy-report-2024.
3. https://www.brookings.edu/articles/regulating-a-digital-economy-an-indian-perspective/