Faculty of Science
BBA/BCA/BA/B.Sc./B. Com
IV Semester
Paper-Vocational
E-Commerce

Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Understanding the challenging needs of the society in the field of E-Commerce.	U
CO 2	Understanding various activities and operations in the context of online transactions.	U
CO 3	Applying the steps in surfing of e-commerce websites.	Ap
CO 4	Understanding the working of arithmetic & logic unit	U
CO 5	Applying the various e-payment systems.	Ap
CO 6	Analysing security issues in E-Commerce.	A

Credit and Marking Scheme

	Credits	Marks		Total Marks
		Internal	External	
Theory	2	40	60	**100**
Practical	2	40	60	**100**
Total	**4**			**200**

Evaluation Scheme

	Marks	
	Internal	External
Theory	3 Internal Exams of 20 Marks (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)
Practical	3 Internal Exams (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)

ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+ 'Grade by NAAC(CGPA:3.68/4.00)
College with Potential for Excellence by UGC
DST-FIST Supported & STAR College Scheme by DBT

Content of the Course
Theory

No. of Lectures (in hours per week): 2 Hrs. per week

Total No. of Lectures: 30 Hrs.   **Maximum Marks:** 60

Units	Topics	No. of Lectures
I	Introduction to E-Commerce Concepts and significance of E-commerce; Driving forces of E- commerce; E-commerce business models Key elements of a business model and categories; Design and launch of E-commerce website - Decisions regarding Selection of hardware and software; Outsourcing Vs in-house development of a website; Functions of E-Commerce; Types of E-Commerce; E-Commerce Systems and Prerequisites, Scope of E-Commerce.	8
II	E-Commerce Activities and Operations Various E-Commerce activities; Various manpower associated with e- commerce activities; Types of E-Commerce Providers and Vendors: Modes of operations associated with E-Commerce; E-commerce applications in various industries (banking, insurance, payment of utility bills and others), e-marketing, e-tailing, online services, e-auctions, online portal, online learning, e-publishing and e-entertainment, online shopping.	7
III	E-payment System E-payment Methods- Debit card, Credit card, Smart cards, E-Money, E- Wallets; Digital signatures- procedures and legal position; Payment gateways; Online banking- concepts, importance; Electronic fund transfer; Automated Clearing House. Automated Ledger Posting, Emerging modes and systems of E-payment (M-Paisa, PayPal and other digital currency), UPI Apps, Aadhar Enabled Payment Systems, BHIM App E-payments risks.	8
IV	Security and Legal Aspects of E-commerce E-commerce security meaning and issues. Security threats in the E- commerce environment- security intrusions and breaches, attacking methods like hacking, sniffing, cyber-vandalism etc.; Technology solutions- encryption, security channels of communication, protecting networks, servers and clients. Overview of Information Technology Act, 2000-provisions related to secure electronic records.	7

ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+ 'Grade by NAAC(CGPA:3.68/4.00)
College with Potential for Excellence by UGC
DST-FIST Supported & STAR College Scheme by DBT

References

Text Books:

1. E-commerce- Tulsiram Kundala, K.maheshwari- Himalya publication Nagpur
2. E-commerce- Dr. Sandeep Srivastava, Er. Meera Goyal - SBPD-New Delhi
3. E-commerce-Avriti Tangri- VK Global Publications Pvt
4. E-commerce-B. Bhardwaj Dr. RS, Garg-Galgotia Publishing Company
5. Essential of E-Commerce -M.K.Mallick - Sanjay Sahity Bhavan Agra
6 Business on the Net: An Introduction to the whats and hows of E-commerce. Noida, Uttar Pradesh: Agarwala, K. N., Lal, A., &Agarwala, D Macmillan Publishers India Limited.
7. Electronic commerce- A Manager's Guide to E- Business.- Diwan, P., & Sharma, S- Vanity Books International Delhi.

Suggested equivalent online courses: e-reading:

1. https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_ECommerce_Lecture Notes.pdf
2. https://oms.bdu.ac.in/ec/admin/contents/387_P16MCE4A 2020051801071611.pdf
3. https://www.gasckovilpatti.com/studymaterial/commerce/I1%20MCOM%20E%20COMMERCE%20pKCM33.pdf
4. https://irp-cdn.multiscreensite.com/1c74f035/files/uploaded/introduction-to-e-commerce.pdf
5. https://backup.pondiuni.edu.in/storage/dde/dde ug pg books/E-%20Commerce.pdf
6. https://www.tutorialspoint.com/e commerce/e commerce tutorial.pdf

List of Practical

1. Help others to learn the use of e-wallet, e-payment, digital signatures. Prepare a report on the skills used by them to help others learn.
2. Use the internet banking facility to buy a product from any online website.
3. Open internet banking account and operate it.
4. Create their own YouTube channel and post one video on awareness of cyber security and crime
5. Clicking various E-Commerce websites and how to register and login on it.
6. Use the internet banking facility to buy a product from any online website.
7. Register the complaint regarding various issues i.e. refund, return, defective product and delay in delivery.