



C.U. SHAH UNIVERSITY
VBT's Institute of Commerce
Wadhwan city
W.e.f.- June 2020

FACULTY OF: - COMMERCE
DEPARTMENT OF: - Master of Commerce (e-Commerce)
SEMESTER: - IV
CODE: - 5CO04SEC1
NAME: Security in e-Commerce
 (Group-2) (Elective I)

Teaching & Evaluation Scheme

Sr. No	Subject Code	Name of the Subject	Teaching Hours / Week				Credits	Evaluation Scheme							
			Th	Tu	Pr	Total		Theory				Practical			Total Marks
								Sessional Exam		University Exam		Internal	Un ive rsi ty		
								Marks	Hr/s	Marks	Hr/s			Pr / Vi va	
1	5CO04SEC1	Security in e-Commerce	4	--	--	4	4	30	1 ¹ / ₂	70	3	--	--	--	100

Objective: To enable the students to understand the concept, principles and techniques applied in e-Marketing

Prerequisite: Required fundamental knowledge of e-Commerce

Course Outline

Sr.No.	Course Content	No of hours
1	Introduction <ul style="list-style-type: none"> • Need and Concept • Definition and Scope of e – Security • Major to ensure Security 	11
2	Risks of insecure system <ul style="list-style-type: none"> • Introduction • Internet associated Risks 	12

	<ul style="list-style-type: none"> • Intranet associated Risks (a Systems of Computer inside an organization) • Risks Associated with business transaction Data transferred between Trading partners 	
3	Issues of Securities <ul style="list-style-type: none"> • Security in cyber space, kinds of threats and crimes – Credit card frauds and Internet security using VPN and firewalls • Attacking methods of e- security (hacking, sniffing, cyber-vandalism etc. 	10
4	Solutions for Issues of Securities <ul style="list-style-type: none"> • Technologies solutions (Encryption, Security channels of communication, protecting networks and protecting servers and clients) • Security protocol in Internet • Information security Management (ISM) 	12
	Total hours	45

References: -

1. E-Commerce Concepts, Models, Strategies, C S V Moorthy, Himalaya Publications.
2. Global Electronic Commerce- Theory and Case Studies, J Christopher Westland, Theodore H K Clark, University Press.

On-line Resources:

a. Books

1. <https://www.csie.ntu.edu.tw/~ec/Laudon/Chapter5.pdf>
2. <https://www.pearsonhighered.com/assets/samplechapter/0/1/3/0/0130161438.pdf>

b. Videos

1. <https://www.youtube.com/watch?v=XVLELqu5oDI>
2. <https://www.youtube.com/watch?v=gBUY3ba2qU8>
3. https://www.youtube.com/watch?v=BdIndDGe_V8

c. Ppt slides

1. <https://www.slideshare.net/m8817/security-in-ecommerce>
2. <https://www.slideshare.net/sadaftst/security-issues-in-e-commerce-78394259>
3. <https://slideplayer.com/slide/5139575/>