

B.Com.(CA)/ B.Com(Res) under CBCS with effect from the Academic year 2015-16

II year III semester Course Structure 2016-17

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours	Credits
1.	First Language	English	100	25	75	4	3
2.	Second Language	(Tel/Hindi/Urdu/Sans)	100	25	75	4	3
3.	Foundation Course-5	ICT-2 (Information & Communication Technology)	50	---	50	2	2
4.	Foundation Course-6	Communication & Soft Skills-2	50	---	50	2	2
5.	DSC 1C	Network and Internet Foundation	100	25	75	5	4
6.	DSC 2C	Business Statistics	100	25	75	5	4
7.	DSC 3C	Banking Theory & Practice	100	25	75	5	4
8	DSC1C	Lab	50	-	50	2	2
Total			650	125	525	29	24

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II year IV semester Course Structure 2016-17

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours	Credits
1.	Foundation Course-7*	Communication & Soft Skills-3	50	---	50	2	2
2.	Foundation Course-8	Analytical Skills	50	---	50	2	2
3.	Foundation Course-9	Entrepreneurship	50	---	50	2	2
4.	Foundation Course-10	Leader Education	50	---	50	2	2
5.	DSC 1D	Programming in C-language	100	25	75	5	4
6.	DSC 2D	Business Laws	100	25	75	5	4
7.	DSC 3D	Income Tax	100	25	75	5	4
8..	DSC 1D-	C- lab	50	----	50	2	2
Total			550	75	475	25	22

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2nd Year – 3rd Semester syllabus

NETWORKS AND INTERNET FOUNDATION

UNIT I: Introduction to Network, advantages and disadvantages of network - Types of Networks: Network topologies Network topologies, - Connecting Devices– Hubs, Repeaters, Bridges, Routers, Network Interface Cards (NIC) and Switches -- Network Operating system - Analog and Digital signal analog and digital signal transmission.

UNIT II: Introduction to Network Communication Model- Network Architecture – Application Layer, Presentation Layer, Session Layer, Transport Layer, Network Layer, Data-link Layer, Physical Layer.

UNIT III: TCP/IP Protocols – Protocols and their classification:

Address Resolution Protocol (ARP), Reverse Address Resolution Protocols (RARP) SMTP, MIME, IMAP, POP, ICMP, HTTP, and Telnet-flow control and cryptography.

UNIT IV: Overview of Internet, revolution of Internet, Growth of WWW, Internet service providers (ISP) – dial up networking, search engine, searching web using search engines Text files, Audio, Images, and Video- Newsgroup – Subscribing to news groups.

UNIT V: Intranet concepts and architecture, Uses and Benefits of Intranet, building corporate world wide web protocol, internet infrastructure, fundamentals of TCP/IP – Internet Security design intranet as business tools, future of intranet, Virus and Firewalls.

TEXT BOOKS

Introduction to Computer Networks by P.K. Singh, VK Global Publications Pvt. Ltd .

REFERENCE BOOKS

Computer Networks, Andrew S. Tanenbaum, Pearson Edition, Third Edition.

Lab:-

1. Creation of E-Mail
2. Send & Receive the E-Mails
3. Attach the Files to the Mail
4. Download Documents from the Internet

5. Chatting
6. Search and Browse the Websites
7. Download Video & Audio Files