



SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2022-2023

(BCom) (Business Studies)
(BCOM) (Programme Name) Semester (III)

Course Code	UB03DCOM84	Title of the Course	Computer Applications - VI
Total Credits of the Course	03	Hours per Week	03 + 02 Practical per Batch

Course Objectives:	<ol style="list-style-type: none">1. To aware of Computer Network, Component of Network, Network Devices, Network Protocols and Network Topology2. To develop skill of Internet Terminologies and Equipment needed for it.3. To Introduce students about E-Mail and its procedures.4. To aware students about Social Networking and Blogging and its usefulness in modern business.
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Computer Networking: Networks, Need for Networking, Hardware Sharing, Data and Information Sharing, Software Sharing , Facilitated Communications</p> <p>Types of networks: Local Area Network (LAN), Metropolitan Area Networks (MAN), Wide Area Networks (WAN)</p> <p>Network components: Computer, Network Interface Card (NIC), Connector, Cables, Servers, Network Printer, Hubs, Switches, Repeaters, Bridges, Routers, Terminator, Work Station / Node</p> <p>Network Topology: Star, Bus, Ring, Mesh Topology</p> <p>Network Devices: Servers, Network Printer, Network Interface Card, Hubs, Switches, Repeaters, Bridges, Routers</p> <p>Network Communication Technology: Ethernet, Token- ring, TCP / IP (Transmission Control Protocol / Internet Protocol)</p>	25%
2.	<p>Internet: Internet, History Of Internet, How Internet Works ?, Internet Addresses, Top – Level Domain (TLD)</p> <p>Advantages Of The Internet: E-mail (electronic mail), information , Entertainment, Programs, Discussion groups , On-line shopping , Chat, Internet Service Providers, World Wide Web, Web Page, Web Site, Types of websites, Hyperlinks, URL, Home page, Web Browsers, Bookmarks of Favorites, History list, security on the web, Secure Web Pages, Visit Secure Web Pages, Protect yourself on the web</p> <p>Equipments Needed For Internet: Modem, Types Of Modems, Speed Of Modem, Telephone Line , Other Connections, ISDN, Cable Modem, DSL/ADSL</p>	25%



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3.	Electronic Mail (E- Mail): Advantages of E-Mail, E-Mail Address - Parts of Email address, Selecting an E-mail Address, Parts of E-mail Message - From, To, Cc, Bcc, Subject Creating Message: Writing Style, Smileys, Abbreviations, Shouting, Signature Sending a Message: Compose, Use The Address Book, Bounced Message, Attachment E-Mail Features: Receive, Reply, Forward, Print, Organize, Delete, Trace, Move, Bulk, Spam, Some Etiquette of writing a good E-mail, Creating an E-Mail Account	25%
4.	Social Networking Sites: Introduction, Advantages & Disadvantages of Social networking, precautionary measures for social network, Today's Social Network, Twitter, Facebook, Introduction to Skype, Google+, WhatsApp, Linked in, Instagram, YouTube Blogging: Creating a blog, advantages of blog Use of Social networking in Education Use of Social Networking in commerce, Introductions to Open-source blogging tools	25%

Teaching-Learning Methodology	Multiple teaching approaches: Lectures and discussion, exploration and inquiry, cooperative group work, demonstration and presentation. Traditional classroom teaching as well as online/ICT based teaching practices. Hands on training through required ICT tools.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Theory (50%) + Practical (50%) Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination Theory (50%) + Practical (50%)	70%

Course Outcomes: Having completed this course, the learner will be able to understand	
1.	About Computer Networks, Its Components and Devices used for that, Topologies of Network and Protocols used.
2.	Internet, its uses and devices needed for Internet.
3.	E-Mail and its different various properties.
4.	Blog, Blog creation and its usages, social networking sites in Business Studies.



Suggested References:	
Sr. No.	References
1.	Computer Network, Global Vision Publishing House, Kaushal Kishore Rastogi
2.	Computer networks, Technical Publications, V. S. Bagad, I. A. Dhotre
3.	Computer Ek Parichay, Uva Upanishad Publications, Sanjay Solanki and Ajay Patel
4.	How to create a blog?, Edusafar.com, Bharat L Chauhan
5.	Internet (Full Version) (Gujarati), Computer World Publications
6.	Social Media and Networking: Concepts, Methodologies, Tools, and Applications, Information Resources Management Association

On-line resources to be used if available as reference material
On-line Resources:
https://en.wikipedia.org/wiki/Computer_network
https://www.youtube.com/watch?v=QKfk7YFILws
https://www.youtube.com/watch?v=YOXwcbwSEUo
https://www.youtube.com/watch?v=nzbGB-jqyg8
https://www.youtube.com/watch?v=vcDdv-EyTgw
