



B.Sc. (Computer Science)
B.Sc. (CS) (Semester-II)

Course Code	US02SECSC01	Title of the Course	Information Technology Fundamentals – II (ITF-II)
Total Credits of the Course	2	Hours per Week	2

Course Objectives:	<ol style="list-style-type: none">1. To impart basic knowledge on Internet, web browsers, search engines and social networks2. To learn different types of communication technologies
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Course Content		
Unit	Description	Weightage* (%)
1.	Internet Usage for E-learning <ul style="list-style-type: none">– Introduction to Internet and Web Browsers– Basics of search engines and their functionalities, Searching information, saving web pages, downloading files, etc.– Open learning sites- Wikipedia, Wikispaces, Wikieducator, etc.– Open Freewares – Introduction and examples– Advanced Social Networking	50
2.	Communication Technologies <ul style="list-style-type: none">– Different communication mechanisms– E-mail: Writing e-mails to single and multiple users, attaching a file, Marking CC and BCC, Creating exclusive communication groups.– LCD Projectors: Using LCD projectors for making an audio-visual presentation– Tele/Video Conferencing– Blogging and chatting– Fax and Mobiles	50





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.11))
Syllabus with effect from the Academic Year 2023-2024

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Teaching-Learning Methodology	Multiple teaching approaches: lecture and discussion, exploration and inquiry, cooperative group work, demonstrations, and presentations
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	-
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	-
3.	University Examination	100%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the basics of Information and communication technology
2.	Explore the applications of ICT in infrastructure

Suggested References:	
Sr. No.	References
1.	Online relevant references.
2.	Behrouz Forouzan, introduction to data communications and networking, Tata McGraw-Hill Publishing co. Ltd., New Delhi, 1998, 4 th edition.
3.	Tanenbaum A. S., Computer Networks, 3 rd Edition Prentice-Hall of India Pvt. Ltd., New Delhi, 1997.

