



(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26 Lesson Plan

Department of Computer (Skill Enhancement Courses)

Teacher:- Amit Kumar

Class:- B.A. 1st Year

Semester:- 1st Sem.

Internal Assessment Marks: -20 (15+5) End Term Exam Marks: 50 (35(T) +15(P)) Course Type & Title: SEC & Basic IT Tools

Course Code:-24UN-ICT-SEC103

Credits:- 3 Maximum Marks:- 70 (50T+20P)

Practical Marks:- 20

Course Outcomes:-

- 1. Identify the basic components of computers and ter- minology
- 2. acquaint with Operating System and its applications for both desktop and mobile devices
- 3. Understand computer networks, and browse the inter- net, content search, email and collaborate with peers
- 4. Use e-Governance applications; and use computer to improve existing skills and learn new skills
- 5*. to implement various spreadsheet tools practically.

Sr.	Week/	Unit/ Topic/ Chapter to be covered	Assignment/Test/
No	Month, 2025		Remarks, if any
1	01.08.2025 -	Introduction to Computer: Computer and Latest IT gadgets,	
	02.08.2025	Evolution of Computers & its applications.	
		Practicum:- Identify the various parts of computer.	
2	04.08.2025 -	Basics of Hardware and Software, Application Software,	
	09.08.2025	Systems Software.	
		Practicum:- Identify the various parts of computer.	
3	11.08.2025 -	Utility Software. Central Processing Unit, Input devices,	
	16.08.2025	Output devices,	
		Practicum:- Using computer/mobile software and hardware.	
4	18.08.2025 -	Computer Memory & storage, Mobile Apps.	
	23.08.2025	Practicum:- Using computer/mobile software and hardware.	
5	25.08.2025 -	Introduction to Operating System, Functions of the	
	30.08.2025	Operating system, Operating Systems for Desktop and	
		Laptop.	
		Practicum:-Use of operating system for various tasks such as	
		file creation, directory.	
6	01.09.2025 -	Operating Systems for Mobile Phone and Tablets, User	
	06.09.2025	Interface for Desktop and Laptop, Task Bar, Icons &	
		shortcuts, Running an Application.	
		Practicum:- Creation, shortcut creation.	
7	08.09.2025 -	Operating System Simple Setting, Changing System Date and	

	12.00.2027		
	13.09.2025	Time, Changing Display Properties, To Add or Remove	
		Program and Features.	
		Practicum:- Using control panel, etc.	
8	15.09.2025 –	Adding, Removing & Sharing Printers, File and Folder	
	20.09.2025	Management.	
		Practicum:- All Unit-2 Practical.	
9	22.09.2025 -	Introduction to Internet and World Wide Web, Basic of	
	27.09.2025	Computer Networks.	
		Practicum:- Using Internet & various browsers.	
10	29.09.2025 -	Local Area Network (LAN), Wide Area Network (WAN),	
	04.10.2025	Network Topology, Internet, Applications of Internet.	
		Practicum:- Using Internet & various browsers.	
11	06.10.2025 -	Website Address and URL, Popular Web Browsers (Internet	
	11.10.2025	Explorer/Edge.	
		Practicum:- Identify the various hardware/software required	
		for Internet.	
12	13.10.2025 -	Chrome, Mozilla Firefox, Opera etc.), Popular Search	Minor Test
	18.10.2025	Engines, Searching on the Internet.	
		Practicum:- All Unit-3 Practical.	
1	1		
13	27.10.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox	Assignment
13	27.10.2025 – 01.11.2025		Assignment
13		E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account.	Assignment
13		and Outbox, Creating and Sending a new E-mail.	Assignment
	01.11.2025	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account.	Assignment
	01.11.2025 03.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail	Assignment
	01.11.2025 03.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter,	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 – 17.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 – 17.11.2025 –	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker. Practicum:- LinkedIn, Telegram, Writing blogs.	Assignment
14 15 16	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 17.11.2025 – 22.11.2025	and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker.	Assignment

- 1. Sinha, P.K. & Sinha, Priti, Computer Fundamentals, BPB.
- 2. Dromey, R.G., How to Solve it By Computer, PHI.
- 3. Norton, Peter, Introduction to Computer, McGraw-Hill.
- 4. Leon, Alexis & Leon, Mathews, Introduction to Computers, Leon Tech World.
- 5. Rajaraman, V., Fundamentals of Computers, PHI.
- 6. Ram, B., Computer Fundamentals, Architecture & Organization, New Age International (P) Ltd.

Signature of the teacher concerned





(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26 Lesson Plan

Department of Computer (Skill Enhancement Courses)

Teacher:- Amit Kumar

Class:- B.Sc. 1st Year (Phy.Sc. & Life Sc.)

Semester:- 1st Sem.

Internal Assessment Marks: -20 (15(T)+5(P)) End Term Exam Marks: 50 (35(T)+15(P)) Course Type & Title: SEC & Basic IT Tools

Course Code:-24UN-ICT-SEC103

Credits:- 3 Maximum Marks:- 70 (50T+20P)

Practical Marks:- 20

Course Outcomes:-

- 1. Identify the basic components of computers and ter- minology
- 2. acquaint with Operating System and its applications for both desktop and mobile devices
- 3. Understand computer networks, and browse the inter- net, content search, email and collaborate with peers
- 4. Use e-Governance applications; and use computer to improve existing skills and learn new skills
- 5*. to implement various spreadsheet tools practically.

Sr.	Week/	Unit/ Topic/ Chapter to be covered	Assignment/Test/
No	Month, 2024		Remarks, if any
1	01.08.2025 -	Introduction to Computer: Computer and Latest IT gadgets,	
	02.08.2025	Evolution of Computers & its applications.	
		Practicum:- Identify the various parts of computer.	
2	04.08.2025 -	Basics of Hardware and Software, Application Software,	
	09.08.2025	Systems Software.	
		Practicum:- Identify the various parts of computer.	
3	11.08.2025 -	Utility Software. Central Processing Unit, Input devices,	
	16.08.2025	Output devices,	
		Practicum:- Using computer/mobile software and hardware.	
4	18.08.2025 -	Computer Memory & storage, Mobile Apps.	
	23.08.2025	Practicum:- Using computer/mobile software and hardware.	
5	25.08.2025 -	Introduction to Operating System, Functions of the	
	30.08.2025	Operating system, Operating Systems for Desktop and	
		Laptop.	
		Practicum:-Use of operating system for various tasks such as	
		file creation, directory.	
6	01.09.2025 -	Operating Systems for Mobile Phone and Tablets, User	
	06.09.2025	Interface for Desktop and Laptop, Task Bar, Icons &	
		shortcuts, Running an Application.	
		Practicum:- Creation, shortcut creation.	
7	08.09.2025 -	Operating System Simple Setting, Changing System Date and	

	12.00.2027		
	13.09.2025	Time, Changing Display Properties, To Add or Remove	
		Program and Features.	
		Practicum:- Using control panel, etc.	
8	15.09.2025 -	Adding, Removing & Sharing Printers, File and Folder	
	20.09.2025	Management.	
		Practicum:- All Unit-2 Practical.	
9	22.09.2025 -	Introduction to Internet and World Wide Web, Basic of	
	27.09.2025	Computer Networks.	
		Practicum:- Using Internet & various browsers.	
10	29.09.2025 -	Local Area Network (LAN), Wide Area Network (WAN),	
	04.10.2025	Network Topology, Internet, Applications of Internet.	
		Practicum:- Using Internet & various browsers.	
11	06.10.2025 -	Website Address and URL, Popular Web Browsers (Internet	
	11.10.2025	Explorer/Edge.	
		Practicum:- Identify the various hardware/software required	
		for Internet.	
12	13.10.2025 -	Chrome, Mozilla Firefox, Opera etc.), Popular Search	Minor Test
	18.10.2025	Engines, Searching on the Internet.	
		D 11 All 11 All 12 All 12 All 13 All 14 All 14	
		Practicum:- All Unit-3 Practical.	
13	27.10.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox	Assignment
13	27.10.2025 – 01.11.2025	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox	Assignment
13			Assignment
13		E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail.	Assignment
	01.11.2025	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account.	Assignment
	01.11.2025 03.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail	Assignment
	01.11.2025 03.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter,	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram.	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 – 17.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to	Assignment
14	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 – 17.11.2025 –	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker. Practicum:- LinkedIn, Telegram, Writing blogs.	Assignment
14 15 16	01.11.2025 03.11.2025 – 08.11.2025 10.11.2025 – 15.11.2025 17.11.2025 – 22.11.2025	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail. Practicum:- How to create and use e-mail account. Replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email. Practicum:- How to create and use e-mail account. Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging. Practicum:- Using Facebook, WhatsApp, Instagram. (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker.	Assignment

- 1. Sinha, P.K. & Sinha, Priti, Computer Fundamentals, BPB.
- 2. Dromey, R.G., How to Solve it By Computer, PHI.
- 3. Norton, Peter, Introduction to Computer, McGraw-Hill.
- 4. Leon, Alexis & Leon, Mathews, Introduction to Computers, Leon Tech World.
- 5. Rajaraman, V., Fundamentals of Computers, PHI.
- 6. Ram, B., Computer Fundamentals, Architecture & Organization, New Age International (P) Ltd.

Signature of the teacher concerned





(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26 Lesson Plan

Department of Computer (Skill Enhancement Courses)

Teacher:- Amit Kumar

Class:- B.A. 1st Year Major in Geography

Semester:- 1st Sem.

Internal Assessment Marks: -20 (15(T)+5(P)) End Term Exam Marks: 50 (35(T)+15(P)) Course Type & Title: SEC & Basic IT Tools

Course Code:-24UN-ICT-SEC103

Credits:- 3 Maximum Marks:- 70 (50T+20P)

Practical Marks:- 20

Course Outcomes:-

- 1. Identify the basic components of computers and ter- minology
- 2. acquaint with Operating System and its applications for both desktop and mobile devices
- 3. Understand computer networks, and browse the inter- net, content search, email and collaborate with peers
- 4. Use e-Governance applications; and use computer to improve existing skills and learn new skills
- 5*. to implement various spreadsheet tools practically.

Sr.	Week/	Unit/ Topic/ Chapter to be covered	Assignment/Test/
No	Month, 2024		Remarks, if any
1	01.08.2025 -	Introduction to Computer: Computer and Latest IT gadgets,	
	02.08.2025	Evolution of Computers & its applications.	
		Practicum:- Identify the various parts of computer.	
2	04.08.2025 -	Basics of Hardware and Software, Application Software,	
	09.08.2025	Systems Software.	
		Practicum:- Identify the various parts of computer.	
3	11.08.2025 -	Utility Software. Central Processing Unit, Input devices,	
	16.08.2025	Output devices,	
		Practicum:- Using computer/mobile software and hardware.	
4	18.08.2025 -	Computer Memory & storage, Mobile Apps.	
	23.08.2025	Practicum:- Using computer/mobile software and hardware.	
5	25.08.2025 -	Introduction to Operating System, Functions of the	
	30.08.2025	Operating system, Operating Systems for Desktop and	
		Laptop.	
		Practicum:-Use of operating system for various tasks such as	
		file creation, directory.	
6	01.09.2025 -	Operating Systems for Mobile Phone and Tablets, User	
	06.09.2025	Interface for Desktop and Laptop, Task Bar, Icons &	
		shortcuts, Running an Application.	
		Practicum:- Creation, shortcut creation.	
7	08.09.2025 -	Operating System Simple Setting, Changing System Date and	

	1		
	13.09.2025	Time, Changing Display Properties, To Add or Remove	
		Program and Features.	
		Practicum:- Using control panel, etc.	
8	15.09.2025 -	Adding, Removing & Sharing Printers, File and Folder	
	20.09.2025	Management.	
		Practicum:- All Unit-2 Practical.	
9	22.09.2025 -	Introduction to Internet and World Wide Web, Basic of	
	27.09.2025	Computer Networks.	
		Practicum:- Using Internet & various browsers.	
10	29.09.2025 -	Local Area Network (LAN), Wide Area Network (WAN),	
	04.10.2025	Network Topology, Internet, Applications of Internet.	
		Practicum:- Using Internet & various browsers.	
11	06.10.2025 -	Website Address and URL, Popular Web Browsers (Internet	
	11.10.2025	Explorer/Edge.	
		Practicum:- Identify the various hardware/software required	
		for Internet.	
12	13.10.2025 –	Chrome, Mozilla Firefox, Opera etc.), Popular Search	Minor Test
	18.10.2025	Engines, Searching on the Internet.	
		Practicum:- All Unit-3 Practical.	
13	27.10.2025 -	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox	Assignment
	01.11.2025	and Outbox, Creating and Sending a new E-mail.	
		Practicum:- How to create and use e-mail account.	
14	03.11.2025 -	Replying to an E-mail message, forwarding an E-mail	
	08.11.2025	message, searching emails, Attaching files with email.	
		Practicum:- How to create and use e-mail account.	
15	10.11.2025 –	Email Signature. Social Networking: Facebook, Twitter,	
	15.11.2025	LinkedIn, Instagram, Instant Messaging.	
		Practicum:- Using Facebook, WhatsApp, Instagram.	
16	17.11.2025 –	(WhatsApp, Facebook Messenger, Telegram), Introduction to	
	22.11.2025	Blogs, Digital Locker.	
		Practicum:- LinkedIn, Telegram, Writing blogs.	
17	24.11.2025 -	Revision of theory and Practical Unit I-IV.	
	29.11.2025		

- 1. Sinha, P.K. & Sinha, Priti, Computer Fundamentals, BPB.
- 2. Dromey, R.G., How to Solve it By Computer, PHI.
- 3. Norton, Peter, Introduction to Computer, McGraw-Hill.
- 4. Leon, Alexis & Leon, Mathews, Introduction to Computers, Leon Tech World.
- 5. Rajaraman, V., Fundamentals of Computers, PHI.
- 6. Ram, B., Computer Fundamentals, Architecture & Organization, New Age International (P) Ltd.

Signature of the teacher concerned



(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26 Lesson Plan Department of Computer (Skill Enhancement Courses)

Teacher:- Amit Kumar Course Type & Title: SEC & Advance IT Skills

Class:- B.A. 2nd Year Course Code:-24UN-ICT-SEC301

Semester:- 3rd Sem. Credits:- 3 Maximum Marks:- 70 (50T+20P)

Internal Assessment Marks: -20 (15(T)+5(P)) Practical Marks: -20 End Term Exam Marks: 50 (35(T)+15(P))

Course Outcomes:-

- 1. Use e-Governance applications; and use computer to improve existing skills and learn new skills
- 2. Using internet for Digital Financial services
- 3. understand the concept of Cyber security and issues and challenges associated with it
- 4. Develop knowledge about Future Skills
- 5*. to understand the various concepts in the syllabi practically.

Sr. No	Week/ Month, 2024	Unit/ Topic/ Chapter to be covered	Assignment/ Test/ Remarks, if any
1	01.08.2025 – 02.08.2025	WWW and E-Governance- Website Address and URL Practicum:- WWW and E-Governance.	
2	04.08.2025 – 09.08.2025	Introduction to IP, Address, ISP and Role of ISP, Internet Protocol, Modes of Connecting Internet (HotSpot, Wifi, LAN Cable, Broad Band, USB Tethering) Practicum:- Understanding the various devices related to Internet.	
3	11.08.2025 – 16.08.2025	Identifying and uses of IP/MAC/IMEI of various devices, Downloading Web Pages, Printing Web Pages. Introduction to Blogs, Basics of E-commerce, Netiquettes, Overview Practicum:- Using e-governance services.	
4	18.08.2025 – 23.08.2025	of e-Governance Services like Railway Reservation, Passport, e-Hospital [ORS], Accessing e-Governance Services on Mobile. Practicum:- Writing e-blogs.	
5	25.08.2025 – 30.08.2025	Digital Financial Tools and Applications Digital Financial Tools, Understanding OTP [One Time Password]and QR [Quick Response] Code, UPI [Unified Payment Interface] Practicum:- Digital Financial Tool: Using digital financial tools.	
6	01.09.2025 – 06.09.2025	AEPS [Aadhaar Enabled Payment System], USSD[Unstructured Supplementary Service Data], Card [Credit/Debit], eWallet, PoS [Point of Sale]	

		Practicum:- Digital Financial Tool: Using digital financial tools.	
7	08.09.2025 -	Internet Banking, National Electronic Fund Transfer (NEFT)	
	13.09.2025	Practicum:- Digital Financial Tool: Using digital financial tools.	
8	15.09.2025 -	Real Time Gross Settlement (RTGS), Immediate Payment Service	
	20.09.2025	(IMPS), Online Bill Payment	
		Practicum:- Digital Financial Tool: Using digital financial tools.	
9	22.09.2025 -	Cyber Security: Cyber Security, Defining Cyberspace, Architecture	
	27.09.2025	of cyberspace, Regulation of cyberspace, Concept of cyber	
		security, Issues and challenges of cyber security.	
		Practicum:- Checklist for reporting cyber-crime at Cybercrime	
		Police Station	
10	29.09.2025 -	Classification of cybercrimes, Common cybercrimes- cybercrime	
	04.10.2025	targeting computers and mobiles, cybercrime against women and	
		children, financial frauds, social engineering attacks, malware and	
		ransomware attacks	
		Practicum:- Checklist for reporting cybercrime online	
11	06.10.2025 -	zero day and zero click attacks, Cybercriminals modus-operandi,	
	11.10.2025	Reporting of cybercrimes, Remedial and mitigation measures,	
		Legal perspective of cybercrime, IT Act 2000 and its amendments	
		Practicum:- Reporting phishing emails	
12	13.10.2025 –	Cybercrime and offences, Organisations dealing with Cybercrime	Minor Test
	18.10.2025	and Cyber security in India	
		Practicum:- Demonstration of email phishing attack and	
		preventive measures.	
13	27.10.2025 -	Overview of Future skills: Introduction to Internet of Things (IoT)	Assignment
	01.11.2025	Practicum:- Futuristic Technology	
14	03.11.2025 -	Big Data Analytics, Cloud Computing, Virtual Reality	
	08.11.2025	Practicum:-	
15	10.11.2025 -	Artificial Intelligence, Social & Mobile, Blockchain Technology	
	15.11.2025	Practicum:- Introducing various futuristic technologies	
16	17.11.2025 –	3D Printing/Additive Manufacturing, Robotics Process	
	22.11.2025	Automation.	
		Practicum:- Introducing various futuristic technologies	
17	24.11.2025 -	Revision of theory and Practical Unit I-IV.	
	29.11.2025		

- *Cyber Crime Impact in the New Millennium, by R. C Mishra, Auther Press. Edition 2010.
- *Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspec-tives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011)
- *Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson, 13th November, 2001)
- *Electronic Commerce by Elias M. Awad , Prentice Hall of India Pvt Ltd.
- *Computer Fundamentals By Pradeep K. Sinha, Priti Sinha, BPB Publications, 6th Edition

Signature of the teacher concerned



(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26 Lesson Plan Department of Computer (Skill Enhancement Courses)

Teacher:- Amit Kumar

Class:- B.Sc. 2nd Year (Phy.Sc. & Life Sc.) Semester:- 3rd Sem.

Internal Assessment Marks:-20 (15(T)+5(P))

End Term Exam Marks: 50 (35(T)+15(P))

Course Type & Title: SEC & Advance IT Skills

Course Code:-24UN-ICT-SEC301

Maximum Marks:- 70 (50T+20P) Credits:- 3

Practical Marks:- 20

Course Outcomes:-

- 1. Use e-Governance applications; and use computer to improve existing skills and learn new skills
- 2. Using internet for Digital Financial services
- 3. understand the concept of Cyber security and issues and challenges associated with it
- 4. Develop knowledge about Future Skills
- 5*. to understand the various concepts in the syllabi practically.

Sr. No	Week/ Month, 2024	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01.08.2025 - 02.08.2025	WWW and E-Governance- Website Address and URL Practicum:- WWW and E-Governance.	
2	04.08.2025 – 09.08.2025	Introduction to IP, Address, ISP and Role of ISP, Internet Protocol, Modes of Connecting Internet (HotSpot, Wifi, LAN Cable, BroadBand, USB Tethering) Practicum:- Understanding the various devices related to Internet.	
3	11.08.2025 – 16.08.2025	Identifying and uses of IP/MAC/IMEI of various devices, Downloading Web Pages, Printing Web Pages. Introduction to Blogs, Basics of E-commerce, Netiquettes, Overview Practicum:- Using e-governance services.	
4	18.08.2025 – 23.08.2025	of e-Governance Services like Railway Reservation, Passport, eHospital [ORS], Accessing e-Governance Services on Mobile. Practicum:- Writing e-blogs.	
5	25.08.2025 – 30.08.2025	Digital Financial Tools and Applications Digital Financial Tools, Understanding OTP [One Time Password] and QR [Quick Response] Code, UPI [Unified Payment Interface] Practicum:- Digital Financial Tool: Using digital financial tools.	
6	01.09.2025 – 06.09.2025	AEPS [Aadhaar Enabled Payment System], USSD[Unstructured Supplementary Service Data], Card [Credit/Debit], eWallet, PoS [Point of Sale] Practicum:- Digital Financial Tool: Using digital financial tools.	

7	08.09.2025 -	Internet Banking, National Electronic Fund Transfer (NEFT)	
	13.09.2025	Practicum:- Digital Financial Tool: Using digital financial tools.	
8	15.09.2025 -	Real Time Gross Settlement (RTGS), Immediate Payment	
	20.09.2025	Service (IMPS), Online Bill Payment	
		Practicum:- Digital Financial Tool: Using digital financial tools.	
9	22.09.2025 -	Cyber Security: Cyber Security, Defining Cyberspace,	
	27.09.2025	Architecture of cyberspace, Regulation of cyberspace, Concept	
		of cyber security, Issues and challenges of cyber security.	
		Practicum:- Checklist for reporting cyber-crime at Cybercrime	
		Police Station	
10	29.09.2025 -	Classification of cybercrimes, Common cybercrimes-	
	04.10.2025	cybercrime targeting computers and mobiles, cybercrime	
		against women and children, financial frauds, social	
		engineering attacks, malware and ransomware attacks	
		Practicum:- Checklist for reporting cybercrime online	
11	06.10.2025 -	zero day and zero click attacks, Cybercriminals modus-	
	11.10.2025	operandi, Reporting of cybercrimes, Remedial and mitigation	
		measures, Legal perspective of cybercrime, IT Act 2000 and its	
		amendments	
		Practicum:- Reporting phishing emails	
12	13.10.2025 -	Cybercrime and offences, Organisations dealing with	Minor Test
	18.10.2025	Cybercrime and Cyber security in India	
		Practicum:- Demonstration of email phishing attack and	
		preventive measures.	
13	27.10.2025 -	Overview of Future skills: Introduction to Internet of Things	Assignment
	01.11.2025	(IoT)	
		Practicum:- Futuristic Technology	
14	03.11.2025 -	Big Data Analytics, Cloud Computing, Virtual Reality	
	08.11.2025	Practicum:-	
15	10.11.2025 -	Artificial Intelligence, Social & Mobile, Blockchain Technology	
	15.11.2025	Practicum:- Introducing various futuristic technologies	
16	17.11.2025 –	3D Printing/Additive Manufacturing, Robotics Process	
	22.11.2025	Automation.	
		Practicum:- Introducing various futuristic technologies	
17	24.11.2025 -	Revision of theory and Practical Unit I-IV.	
	29.11.2025		

- *Cyber Crime Impact in the New Millennium, by R. C Mishra, Auther Press. Edition 2010.
- *Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspec-tives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011)
- *Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson, 13th November, 2001)
- *Electronic Commerce by Elias M. Awad , Prentice Hall of India Pvt Ltd.
- *Computer Fundamentals By Pradeep K. Sinha, Priti Sinha, BPB Publications, 6th Edition

Signature of the teacher concerned