Govt. College Narwana Jind

Week Wise Lesson Plan 2023-24 (Odd Semester) Computer Science

Dr.Joginder Singh   (Android Programming)BCA 5TH SEM

	August
Week 1	Mobility and mobile plateform,Android overview,Setting up Development environment
Week 2	Mobile operating , System architectures of android, ios and window, Android app
Week 3	Setting up an Android virtual device(AVD) or Emulator Logical component of an android App
Week 4	Tool repository and running App devices Building Blocks: Activity states and life cycle of and Activity, with thread
Week 5	Services states and life cycle Notification Broadcast receiver
	September
Week 1	Telephony and SMS APIs, App data handling Flate files, Shared preferences
Week 2	Relational data SQLite database
Week 3	Notification Broadcast receivers, Telephony and SMS API,s
Week 4	App data handling Flat files, shared preferences ,Relational data-SQLiteDatabase,
	October
Week 1	Multimedia –audio/video playback and record ,location serves and maps Sensors
Week 2	Testing Mobile application debugging mobile application
Week 3	White box testing Black box testing
Week 4	Test Automation of mobile apps JUnit for android
Week 5	Signing and packaging mibile apps
	November
Week 1	Distributing apps on market place
Week 2	animation APIs Multimedia –audio/video playback cycle
Week 3	Graphics and animation,custom views,canvas, animation APIs,
Week 4	user interface resources among Activities working , events interaction
	December
Week 1	project structure
Week 2	Graphics and animation, custom view, canvas
Week 3	revision

Week Wise Lesson Plan 2023-24 (Odd Semester) Computer Science

BBA 5TH SEM Fundamental of E-commerce Dr.Joginder Singh

	August
Week 1	Overview of e-commerce -:Definition of e-commerce role of internet of e-commerce
Week 2	Implication of e-commerce for accounting professionals
Week 3	Regulatory environment cryptography issues
Week 4	Privacy issues(children and issues adult right)
Week 5	Domain name disputes
	September
Week 1	Electronic agreements
Week 2	Digital signature
Week 3	Internet service provider
Week 4	Firewall Transmission control protocol ,internet protocol
	October
Week 1	Open system interconnection components of firewall
Week 2	Limitation of the security preventions provide by firewall
Week 3	EDI e-commerce& internet
Week 4	Traditional EDI system
Week 5	Value added network
	November
Week 1	Partially & fully integrated EDI System
Week 2	Benefit of EDI system
Week 3	Financial EDI & EDI system & internet
Week 4	Intelligent agents
	December
Week 1	Web based marketing ,risk management paradigm
Week 2	Role of internet
Week 3	Control in risk management

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	December
Week 1	project structure
Week 2	Graphics and animation, custom view, canvas
Week 3	revision

Week Wise Lesson Plan 2023-24 (Odd Semester) Computer Science

BA ENG HONS 1st SEM Fundamental of Cmputer Science Dr.Joginder Singh

	August
Week 1	Computer Fundamental-: Evolution of computers through generation ,characteristics of computers
Week 2	Strengths and Limitations of computer classification of computers
Week 3	Functional components of computer system application of computer in various field
Week 4	Types of software system software application software
Week 5	Utility software Memory system concept of bit, bite word nibble storage location and address
	September
Week 1	Measuring unit of storage capacity access time concept of memory hierarchy primary memory
Week 2	RAM ROM ,PROM ,Secondary memory ,types of storage device Magnetic Tap, Hard disc
Week 3	Optical disc flash memory I/O Device I/O part of Desk Top computer, Device Controller Device Deriver input device
Week 4	Classification and use, Keyboard pointing device mouse touch pad track ball,joystic
	October
Week 1	Magnetic stripes scanner digital camera and microphone output devices , speaker ,
Week 2	Introduction to operating system, Definition of operating , function of operating system
Week 3	Feature of operating system icon, folder ,file ,start button, Task bar ,Status Button, folder, short cut Recycle Bin
Week 4	Desktop my computer My documents
Week 5	The internet, introduction to Network and internet
	November
Week 1	History of internetworking of internet modes of connecting of internet
Week 2	Electronic mail introduction advantage and disadvantages user ids ,password e-mail address
Week 3	Message components ,message composition mailer feature browsers and search

	engines
Week 4	Window Explorer ,control panel
	December
Week 1	printer classification ,laser in jet dot matrix plotter
Week 2	function of operating system
Week 3	revision

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Week Wise Lesson Plan 2023-24 (Even Semester) Computer Science

BSC 6TH SEM COMPUTER NETWORK

	Feb
Week 1	Introduction to word processing Development of processor
Week 2	Design considerations for word processed document
Week 3	Creating, opening and closing documents
Week 4	Working with multiple documents saving document
Week 5	Save and existing file under another name save different version
	March
Week 1	Formatting document text formatting
Week 2	Paragraph formatting text alignment tabs and its type placing text at the tab position
Week 3	Paragraph spacing working with lists paragraph border and shading
Week 4	Adding tables adding data to table
	April
Week 1	Deleting a table add and delete columns and rows
Week 2	Modifying columns and row images
Week 3	Inserting image modifying images ,resize an image and charts
Week 4	Mail merge
Week 5	Preparing the document creating the main document
	May
Week 1	Creating the data source class test
Week 2	Document formatting
	Revision

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Week Wise Lesson Plan 2023-24 (Even Semester) Computer Science

BSC 6TH SEM COMPUTER NETWORK

	Feb
Week 1	Introduction to computer Network and its uses ,Network categorization and hardware broad cast and point to point network
Week 2	, Topologies, wireless network Network software LAN,MAN,WAN, internetworks,protocol
Week 3	Network service Network architecture
Week 4	design issue, OSI reference model TCP/IP reference model introduction to example to networks
Week 5	Internet connection oriented Network
	March
Week 1	X-25, Frame Relay ATM Data communication model , Digital and Analog data and signals bit rate bound Bandwidth
Week 2	Guided transmission media ,Twisted pair cable ,coaxial cable optical fiber, transmission
Week 3	Wireless Radio waves microwave, infrared waves, satellite communication ,switching ,circuit switching packet switching multiplexing
Week 4	frequency Division multiplexing Time Division Multiplexing Data link layer Design issues, framing , error control, Flow control , Error detection and correction Elementary data link protocol , sliding
	April
Week 1	Aloha ,CSMA protocol collision free protocol , Limited contention protocol ,wavelength division Window protocol , Media access control
Week 2	Multiple access control Wireless LAN protocol MACA ,IEEE 802.3 Ethernet ,IEEE 802.4
Week 3	Token Bus, IEEE802.5 Token ring ,Digital cellular,
Week 4	Network layer ,Design issue , Virtual Circuit and Datagram subnet , Routing Algorithms Radio GSM,CDMA, FDDI
Week 5	Optimality principal ,shorts path, Routing Flooding ,Distance Vector Routing Link state Routing
	May
Week 1	Hierarchical Routing Broadcast and multicast Routing
Week 2	Routing for multipale hosts Routing in Adhoc Network , Leaky bucket token bucket choke packets Load shedding

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Week Wise Lesson Plan 2023-24 (Even Semester) Computer Science

BCA 4TH SEM COMPUTER NETWORK BCA-19-43

	Feb
Week 1	Introduction to computer Network and its uses ,Network categorization and hardware broad cast and point to point network
Week 2	LAN,MAN,WAN, internetworks , Topologies, wireless network Network software ,protocol
Week 3	Network service Network architecture, design issue, OSI reference model
Week 4	TCP/IP reference model introduction to example to networks
Week 5	Internet connection oriented Network X-25, Frame Relay ATM
	March
Week 1	Data communication model , Digital and Analog data and signals bit rate bound Bandwidth
Week 2	Guided transmission media ,Twisted pair cable ,coaxial cable optical fiber, Wireless transmission
Week 3	Radio waves microwave, infrared waves, satellite communication ,switching ,circuit switching packet switching multiplexing frequency Division multiplexing Time Division Multiplexing
Week 4	Data link layer Design issues, framing , error control, Flow control , Error detection and correction Elementary data link protocol , sliding Window protocol , Media access control
	April
Week 1	Aloha ,CSMA protocol collision free protocol , Limited contention protocol ,wavelength division
Week 2	Multiple access control Wireless LAN protocol MACA ,IEEE 802.3 Ethernet ,IEEE 802.4
Week 3	Token Bus, IEEE802.5 Token ring ,Digital cellular, Radio GSM,CDMA, FDDI
Week 4	Network layer ,Design issue , Virtual Circuit and Datagram subnet , Routing Algorithms
Week 5	Optimality principal ,shorts path, Routing Flooding ,Distance Vector Routing Link state Routing
	May
Week 1	Hierarchical Routing Broadcast and multicast Routing Routing for multipale hosts
Week 2	Routing in Adhoc Network , Leaky bucket token bucket choke packets Load shedding