SRI CHAITANYA TECHNO CURRICULUM

INDIA

Year Plan For the Academic Year - 2019-2020

Class : VII (2 Periods Per Week)

Month	No. of Theory periods	No. of Practicals periods	Chapter Name	Topic
June				**Computer Basic classes**
July	1	0	WEB CONCEPTS	Introduction, E-mail, examples of E-mail, instant messaging, chatting, social networking, video conference, E-greeting, E-commerce, features
	1	0		types of E-commerce, advantages, payment systems, guidelines while shopping online
				Intellectual Skill Sheet
			ADVANCED QBASIC PROGRAMMING	Introduction, Recap, rules of Qbasic
				syntax, syntax errors, control statements:- if-then & if-then-else statement with examples
				if-then-else if with example, Lab exercise
	1	0		Loops in Qbasic:- For - next loop with syntax and examples
	1	0		Lab Exercise
August	1	0		Do-while loop with syntax and examples
	0	1		while-wend loop with examples, lab exercise
	0	1		Arrays, string arrays, library functions with examples and Intellectual Skill Sheet
	0	1	WORKING WITH MICROSOFT ACCESS	Introduction, Database, DBMS, DBMS applications, functions of DBMS, popular DBMS names, Introduction to MS-Access
	0	1		starting MS-Access, interface, creating a new data base, assigning data types to fields, saving database
	0	1		database components in MS-Access, creating a table, design view, entering data into table
	0	1		modifying table:- add new record, edit, insert new field, copy & paste, delete record. Modify table in design view
September	1	0		Lab Exercise
	0	1		Intellectual Skill Sheet
	1	0	NETWORKING	Introduction, Networks, advantages, wireless technology, fixed, mobile, portable, IR wireless technologies.
	0	1		Bluetooth, WIFI, advantages of wifi, Intellectual Skill Sheet

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October	0	1	**CONCEPTS**	Network topology:- Bus & star topologies with advantages & disadvantages, ring, mesh & tree topology with advantages and disadvantages, Intellectual Skill Sheet, OSI model, introduction, layers of OSI, Intellectual Skill Sheet

Revision for Summative Assessment - I & Summative Assessment - I

Month	No. of Theory periods	No. of Practicals periods	Chapter Name	Topic
November	0	1	**WORKING WITH HTML**	Introduction, HTML, uses of HTML, structure, classification of HTML elements with example
	0	1		creating HTML document, editing, attributes, HTML tags with examples
	0	1		Formatting HTML document:- heading, paragraph tags, align attributes, line break tag with examples
	0	1		bold, italic, underline, mark, big element tags with example. small, strike, superscript, subscript, horizontal, center element tags with examples. Saving a HTML file
	1	0		Intellectual Skill Sheet
	0	1	**MORE ON HTML**	Introduction, HTML formatting elements:- font, font color, font face, marquee, background color tags with examples
	0	1		list elements:- unordered, ordered, nested, scroll tags with examples
December	0	1		inserting images, background sound, adding video to webpage with examples
	1	0		Intellectual Skill Sheet
	0	1		Project
	1	0	**COMPUTER CODES**	Introduction, computer codes, number system, positional number system
	1	0		Decimal & binary number systems with examples
	1	0		octal & hexadecimal number systems with examples, Intellectual Skill Sheet
January	1	0	**CODE CONVERSIONS**	Introduction, conversions of numbers, non-decimal to decimal:- binary to decimal with examples, activity
	1	0		octal to decimal conversion with examples

Pongal Vacations

Month	No. of Theory periods	No. of Practicals periods	Chapter Name	Topic
February	1	0	**CODE CONVERSIONS**	hexadecimal to decimal conversion with examples
	1	0		decimal to non-decimal conversion:- decimal to binary with examples

February	1	0	CODE CONVERSIONS	decimal to octal conversion with examples, decimal to hexadecimal, octal to hexadecimal, with examples
	1	0		Intellectual Skill Sheet
March	Basal Projects, Activities, Practical revision				
April	**Revision & Examination for Summative Assessment -II**				