

ARMY PUBLIC SCHOOL GOPALPUR

SPLIT UP SYLLABUS (2020-21)

CLASS: VII SUBJECT: COMPUTER

MONTH : APRIL

NO. OF DAYS:23

NO. OF PERIODS:07

TOPIC : Ln-01 : **COMPUTER SOFTWARE**

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
About software, types of software, System software, application software, software suite	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to read more on software. →Parents are encourage children touse different apps in computer .	→Understanding computersoftware. →Understanding use of computer in our daily life. → To know about Open Word and categorize them as system software and application software →Talk about” Pirated Software”

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CLASS:VIISUBJECT: COMPUTER

MONTH : JUNE

NO. OF DAYS:09

NO. OF PERIODS:03

TOPIC :Ln-2: NUMBER SYSTEM

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Binary system, number system, conversion to and from other number system, bits and bytes	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use binary number system and its conversation. →Parents are encourage children use memory card and measure its memory	→Understanding Number system → Understanding Bit, byte, KB, MB, GB, TB → To know how to convert binary number system to decimal number, octal number and Hexa decimal number system.

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CLASS: VIISUBJECT: COMPUTER

MONTH : JULY

NO. OF DAYS:25

NO. OF PERIODS: 09

TOPIC :Ln-3: ADVANCED FEATURES OF MS-EXCEL

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Microsoft Excel, formula and function , calculating loan terms, optimizing a result with goal seek, finding products and square roots, adding conditional sum, generating a series, understanding database list, creating database table, adding records using a data form, editing records, setting data validation rules, sorting and filtering records Creating Graphical Chart	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use MS Excel software. →Parents are encourage children to calculate loan, making list of family members and their monthly income. → Parent will help the children to use various graphical chart by taking numerical data.	→Understanding formula and function. → Understanding sorting and filtering → To know data validation rule apply for daily life work →Create a database table of any ten items in your computer lab →Create a Pay slip for any five Employees And calculate HRA, DA, TA, CCA and Gross →Create a line chart by using Sales Analysis table .

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MONTH : AUGUST

NO. OF DAYS:23

NO. OF PERIODS: 07

TOPIC :Ln-4: INTRODUCTION TO HTML

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Introduction to HTML, HTML editors, web browser for HTML, Steps for creating web pages, Viewing HTML code in a Browser	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	<p>→Parents will help the children to visit the different educational websites.</p> <p>→Parents are encourage children to simple webpage by using HTML language..</p>	<p>→Understanding elements of HTML Code</p> <p>→they able to learn how to Turn on your computer and view different web browsers present in the computer.</p> <p>→ they able to learn Open different web pages in the web browser through Internet and view HTML code of each page</p>

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CLASS: VIISUBJECT: COMPUTER

MONTH : SEPTEMBER

NO. OF DAYS:16

NO. OF PERIODS: 05

TOPIC :Ln-4: REVISION FOR MTT

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Revision for MTT	Discuss method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children for preparation of MTT exam	→ They will able to answers all the question of MTT syllabus.

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MONTH : OCTOBER

NO. OF DAYS:19

NO. OF PERIODS:07

TOPIC :Ln-5: MORE ON HTML

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Creating and saving a web page, Basic HTML tags, displaying Web page in a web browser, Paragraph , formatting	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to develop school website. →Parents are encourage children to collect more html tags from Internet.	→Understanding basic programming concept of HTML →Understanding how to design the website.

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CLASS: VIISUBJECT: COMPUTER

MONTH : NOVEMBER

NO. OF DAYS:24

NO. OF PERIODS:08

TOPIC :Ln-6: GRAPHICS, LINKS & TABLES IN HTML

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
HTML tags, images in a web pages, using images, centering an Image, increasing the size of Image, aligning image, wrapping text between two images, adding border to an image , adding horizontal rule, links and tables	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to insert their family photo into their webpage. →Parents are encourage children to makelink to various educational website by using HTML language.	→Understanding concept of Hyperlink → Understanding how to insert Image and their attributes → To know how to create HTML table by using html tags.

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CLASS: VIISUBJECT: COMPUTER

MONTH : DECEMBER

NO. OF DAYS:18

NO. OF PERIODS:06

TOPIC :Ln-2: INTRODUCTION TO MS ACCESS

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Database, Components of MS Access, Starting Access, Create a Blank Database, understanding Access window , creating a database using template, opening a database file , changing the navigation pane view , opening and closing objects Revision for PMTT	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to make database of the all the friends and relatives. →Parents are encourage children to collect data of school and make them to electronic database.	→Understanding components of MS Access and their importance →Understanding how to create database, view database and manage the database. →able to school database, employee's detail database by using this software.

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MONTH : JANUARY

NO. OF DAYS:24

NO. OF PERIODS: 08

TOPIC :Ln-8:SERVICES OF INTERNET

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Internet, WWW, protecting yourself on the web, entertainment on the web, sharing photos on the web, social networking , blogging , whatsapp messenger, web app, video conferencing, FTP, E-commerce	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use sharing photos, video through whatapp. →Parents are encourage children to buy and sell online product through Internet.	→Understanding use of Internet and protecting themselves on the web. →Understanding how to create web blog and video conferencing. → To know E-commerce and E-business

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MONTH : FEBRUARY

NO. OF DAYS:23

NO. OF PERIODS: 08

TOPIC :Ln-9: COMPUTER NETWORK

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Computer Network, Network hardware, need for a network, types of Network, Network Topology, Network Operating system Revision for Final Exam	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to connect mobile network with computer →Parents are encourage children to show how network is working in the banking sector, railway sector.	→Understanding computer networks and its uses → Understanding types of computer network → To know about network operating system.

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MONTH : MARCH

NO. OF DAYS:06

NO. OF PERIODS: 02

TOPIC :REVISION FOR FINAL EXAM

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Revision for Final Exam	Discussion	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to their study for preparation of final Exam →Parents are encourage children to practice worksheet.	→they will able to ready for final examination.

MR B.BALARAM REDDY (TGT COMP)

