

**The Orchid School
Baner
Syllabus Overview 2015- 2016
Std IX
Subject : Foundation of Information Technology**

Month	Lesson / Content / Name of the Book	Expected Learning Objective	Activities/FAs Planned
	Revision of computer basic terms	Revision of previous years	
MARCH/APRIL	UNIT 1 : Basics of Information technology. Ch-1 Computing technology	Students will be able to explore about the basic functioning of computer system and to learn about the types in which computers are classified.	PPT presentation
	Ch-1 Computing technology	Students will be able to learn about the units of memory(bits,bytes etc.) , primary & secondary memory.	PPT presentation
	Ch-1 Computing technology	Students will be able to discover the use and mechanism of all input devices for computer system.	PPT presentation
	Ch-1 Computing technology	Students will be able to discover the use and mechanism of all output devices for computer system.	PPT presentation

JUNE	Ch-1 Computing technology	Students will be able to learn and discover about the devices used for computer system to store user's data.	PPT presentation
	Ch-2 Computer Software	Students will be able to understand the term 'software' and the types of it.	Prepare Charts
	Ch-2 Computer Software	Students will be able to learn about the utility softwares and their use in practical life.	Prepare Charts
	Revision	To revise the portion for FA -1	
FA 1			
JULY	Ch-2 Computer Software	Students will be able to explore about the programming languages & the generations in which they were used in.	
	Ch-3 Communication technology	To introduce the students with the term 'Network ',advantage of networking, types of computer network.	PPT presentation
	Ch-3 Communication technology	Students will be able to learn about the guided and unguided media used for computer networking.	
	Unit 2: Information processing tools, Ch-5 - Operating system: BOSS GNU/Linux	Students will be able to explore about the term 'operating system' and its types.	Prepare Charts

	Ch-5 - Operating system: BOSS GNU/Linux	Students will be able to identify the components of desktop, windows, managing files & folders and about the basic tools like calc notepad etc.	Lab practical
AUG	Ch 6 - Introduction to Windows	Students will be able to learn how to work efficiently with desktop, creating shortcuts, bars,and about the new style of windows 7	Lab practical
	Ch 6 - Introduction to Windows	Students will be able to learn how to work efficiently with desktop, creating shortcuts, bars,and about the new style of windows 7	Lab practical
	Revision	To revise the taught portion for FA-2	
	Revision	To revise the taught portion for FA-2	
FA 2			
	UNIT 1 : Basics of Information technology. Ch-4 Content technology	Students will be able to learn about various multimedia applications in daily life. Introduction of virtual reality.	
	UNIT 1 : Basics of Information technology. Ch-4 Content technology	Students will be able to identify Multimedia and its components.	PPT presentation

SEPT	Ch 7- Word processing tools: openoffice.org writer	Students will be able to learn how to create a document and the tools used in editing.	Lab practical
	Ch 7- Word processing tools: openoffice.org writer	Students will be able to explore how to format the document - as page stting, para setting,to apply borders, symbols etc.	Lab practical
	Revision	To revise the taught portion forSA - 1	
SA 1			
OCT	Ch 8- Know more about writer	Students will be able to explore more about the org writer-adding graphics,working with tables.	Lab practical
	Ch 8- Know more about writer	Students will be able to learn about more tools for writer as- editing and proofing tools, mail merge,review documents & printing in writer.	Lab practical
	Ch 9 - Presentation tool : openoffice.org Impress	Students will be able to discover the usage of presentation software ' Impress' to students.To create new ppt, to open file in that, to close ,to save. About different Views of a slide.	Lab practical

	Ch 9 - Presentation tool : openoffice.org Impress	Students will be able to learn & explore how to edit & format the slides,Add graphics, adding multimedia effects to a slide.	Lab practical
NOV	Revision	To revise the taught potion	
	Revision	To revise the taught potion	
FA 3			
DEC	Ch 10 : Spreadsheet Tool : openoffice.org Calc	To brief the students about features of spreadsheet,starting calc,create,save,open and close a worksheet.Entering data to cells and way to format.	Lab practical
	Ch 10 : Spreadsheet Tool : openoffice.org Calc	Students will be able to learn how to explore the use of terms,cell referencing, using formulae , functions in the worksheet.	Lab practical
	Ch 10 : Spreadsheet Tool : openoffice.org Calc	Students will be able to learn the use of charts in spreadsheet and how to print the required part of worksheet.	Lab practical

	UNIT 3: IT Applications Ch 11 - IT applications	To complete the given projects for .org writer.Students will be able to complete the given projects for .org Impress.	Lab practical
JAN	Ch 11 - IT applications	Students will be able to complete the given projects for .org Calc	Lab practical
	UNIT 4: Societal Impacts of IT Ch 12 : Social Impacts of IT	Students will be able to explore the term 'plagiarism' ,more about the privacy, security and integrity of information.Students will be able to discover about the intellectual property rights.	
	Ch 12 : Societal Impacts of IT	Students will be able to discuss the Careers in IT.	To prepare a project for the topic discussed(complete chapter).
	Revision	To revise the taught portion.	
FA 4			
	Revision	To revise the taught portion.	Lab practical

FEB	Revision	To revise the taught portion.	Lab practical
	Revision	To revise the taught portion.	Lab practical
SA 2			