

Syllabus according to NCERT Books

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Class 9

<u>Sr. No.</u>	<u>NCERT Book Topics</u>	<u>Spoken Tutorial-IIT Bombay</u>
1.	Introduction to ICT	***Theoretical Chapter***
2.	Creating Textual Communication	Libreoffice Suite writer 6.3
3.	Creating visual Communication	GIMP
4.	Creating audio-visual communication	Audacity
5.	Presenting Idea	Libreoffice Suite Impress 6.3
6.	Getting Connected: Internet	Firefox, Introduction to computer, Digital India
7.	Safety and Security in the Cyber World	***Theoretical Chapter***
8.	Fun with logic	KTurtle

Class 10

<u>Sr. No.</u>	<u>NCERT Book Topics</u>	<u>Spoken Tutorial-IIT Bombay</u>
1.	Computer & its component	***Theoretical Chapter***
2.	Advanced GIMP	GIMP
3.	Tables	HTML
4.	Forms	HTML
5.	DHTML & CSS	HTML
6.	Network Security	***Theoretical Chapter***
7.	Project	HTML

Class 11

<u>Sr. No.</u>	<u>NCERT Book Topics</u>	<u>Spoken Tutorial-IIT Bombay</u>
1.	Computer System	***Theoretical Chapter***
2.	Encoding Schemes and Number System	***Theoretical Chapter***

3.	Emerging Trend	***Theoretical Chapter***
4.	Introduction to Problem Solving	C and C++
5.	Getting Started with Python	Python 3.4.3
6.	Flow of Control	C and C++
7.	Function	Python 3.4.3
8.	Strings	Python 3.4.3
9.	Lists	Python 3.4.3
10.	Tuples & Dictionaries	Python 3.4.3
11.	Societal Impact	***Theoretical Chapter***

Class 12

<u>Sr. No.</u>	<u>NCERT Book Topics</u>	<u>Spoken Tutorial-IIT Bombay</u>
1.	Exception Handling in Python	Python 3.4.3
2.	File Handling in Python	Python 3.4.3
3.	Stack	Python 3.4.3
4.	Queue	Python Django
5.	Sorting	Python 3.4.3
6.	Searching	Python 3.4.3
7.	Understanding Data	LibreOffice Suite Base
8.	Database Concept	LibreOffice Suite Base
9.	SQL	RDBMS PostgreSQL
10.	Computer Network	***Theoretical Chapter***
11.	Data communication	***Theoretical Chapter***
12.	Security Aspect	***Theoretical Chapter***
13.	Project Based Learning	Python3.4.3, SQL, Python Django

Class 6

<i>Sr. No.</i>	<i>Topic Name</i>	<i>Spoken Tutorial-IIT Bombay</i>
1	Lovely Letter	LibreOffice Suite Writer 6.3
2	Globes & maps in computer	Marbles(Geography)
3	When Line Meet	GeoGebra 5.04,Applications of GeoGebra
4	To the World of Information	Firefox
5	Into the Wonderful World of the Sky	Marbles(Geography)

Class 7

<i>Sr. No.</i>	<i>Topic Name</i>	<i>Spoken Tutorial-IIT Bombay</i>
1	Let's Write a Letter	LibreOffice Suite Writer 6.3
2	Mathematical Figures in the Computer	GeoGebra 5.04,Applications of GeoGebra
3	What Fun it is to Draw!	LibreOffice Suite Draw 6.3
4	Sound Recording in the Computer	Audacity
5	The Tortoise that Draws Pictures	KTurtle
6	Along the Information Pathways	Firefox
7	Data Analysis	Libreoffice Suite Calc 6.3
8	Let's Make our Presentations Impressive	Libreoffice Suite Impress 6.3

Class 8

<i>Sr. No.</i>	<i>Topic Name</i>	<i>Spoken Tutorial-IIT Bombay</i>
1	When A Letter Reaches the Computer	LibreOffice Suite Writer 6.3, Tux Typing
2	The Wonderland of Pictures	GIMP, INKSCAPE,LibreOffice ,Synfig, Blender
4	The Amazing World @ your Fingertips	Digital India, Digital Divide, Firefox

5	My Own Computer Game.	Inkscape,Blender,Synfig
6	Data Analysis Made Easy	Libreoffice Suite Calc 6.3
7	Laboratories in your Computer	PhET Simulations for Chemistry, biology & maths, GeoGebra 5.04,Applications of GeoGebra
8	Presentations Made Attractive.	Libreoffice Suite Impress 6.3
9	Hello...Mic Testing	Audacity
10	My Computer.	Introduction to Computer, firefox, Linux