

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandes
Study Materials

Department Of Computer Science

B.Sc.I Semester I

1S: Fundamentals of Information Technology and C Prog

Sr. No.	Syllabus	Teaching Material Link
1	Unit I: Introduction to Computer	
	Introduction of Computer	https://youtu.be/afEkcbd7Pgl
	Classification of Computer according to its Principles	https://youtu.be/GWDZ1WPmtU0
	Classification of Computer Based on its Memor	https://youtu.be/ZZWS3YTnTHO
	Block Diagram of Computer	https://youtu.be/hDHAy72N_Ug
	Concept of Memory	https://youtu.be/JwEKvzPtHtI
2	Unit II : Introduction to O.S.	
	Introduction of O.S	https://youtu.be/3_WE33KWmAU
	Types Of Operating System(Batch and Time Sh	https://youtu.be/LaDYYdU411M
	Tppes Of Operating Syetem(Real time & Multi	https://youtu.be/NpJ5bqXXWm0
	File Handling in C and File Operation.	https://youtu.be/SfSCLFWS3wY
3	Unit III Networking	
	Concept OF Networking	https://youtu.be/Ctnqk5ZerRo
4	Unit IV: Programming Concept	
	Elements of C: Structure Of C Program	https://youtu.be/Lztblc3_NMc
5	Unit V Constants and Variables, Data types.	
	Constant and Variables in C	https://youtu.be/HxGUXlQrUbQ
	Expression in C and Basic Data Types	https://youtu.be/88fujfn4rmY , https://youtu.be/88fujfn4rmY
6	Unit VI: I/O Operations.	
	Formatted I/O Functions	https://youtu.be/nxCiHyxwg4M
	Control Statements: While and Do While Stater	https://youtu.be/xO2U8CxpPo

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Programming.

Format	Credit
Video	Miss. Ashvini D. Ambadkar
Video	Miss. Ashvini D. Ambadkar
Video	Miss. Ashvini D. Ambadkar
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Video	Miss. Ashvini D. Ambadkar
Video	Miss. Ashvini D. Ambadkar
Video	Miss. Ashvini D. Ambadkar
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale

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(2S: Web

Sr. No.	Syllabus
1	Unit I: HTML:
	Introduction, History of HTML and Stages.
	Structure of HTML Document
	Steps to Create HTML Document
	HTML Elements (HEAD & BODY section, Te
	List, IMG and Font Tag
2	Unit II: Style Sheet
	CSS: Introduction, Declaration of Style Sheet, f
3	Unit III: XML
	Unit I, II, III MCQ Notes (HTML, Style Sheet &
4	Unit VI: Structure and File Handling
	Introduction to File Handling

Vidnyan Mahavidyalaya, Nandgaon Khandeswar

Study Materials

Department Of Computer Science

B.Sc.I Semester II

Technology and Advanced Programming in C)

Teaching Material Link	Format	Credit
	PDF	Miss. Ashvini D. Ambadkar
file:///C:/Users/Gaurav/Downloads/Structure%20of%20C%20language.pdf	PDF	Miss. Ashvini D. Ambadkar
https://mail.google.com/mail/u/0/#inbox/FMfcgzGrbl	PDF	Miss. Ashvini D. Ambadkar
https://mail.google.com/mail/u/0/#inbox/FMfcgzGrbl	PDF	Miss. Ashvini D. Ambadkar
https://mail.google.com/mail/u/0/#inbox?projector=1	PDF	Miss. Ashvini D. Ambadkar
https://mail.google.com/mail/u/0/#inbox?projector=1	PDF	Miss. Ashvini D. Ambadkar
file:///C:/Users/Gaurav/Downloads/Unit%20I,II%20and%20III%20of%20C%20language.pdf	PDF	Miss. Ashvini D. Ambadkar
https://youtu.be/SfSCLFWS3wY	Video	Miss. Ashvini D. Ambadkar

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khand
Study Materials

Department Of Computer Science
B.Sc.IISemester III

(3S: Data Structure and C++)

Sr. No.	Syllabus	Teaching Material Link
1	Unit I: Data Structure	
	Introduction to Data Structure	https://youtu.be/pLpc1i0-fJs
	Types of Data Structure	https://youtu.be/KRSdjVy6SoA
2	Unit II: Queues and Linked List	
	Types of Linked List	
3	Unit III: Trees	
	Representation of Binary Tree	https://youtu.be/lpAsZ4Iox-U
	Sorting Techniques: Insertion Sort	https://youtu.be/a81w2TwYuDY
	Sorting Techniques: Merge Sort and Quick S	https://youtu.be/jBkk4E3mivg, ht
4	Unit IV: Object Oriented Programming	
	Introduction to OOP	https://youtu.be/-xi4sk_asp4
	C++ program Structure	https://youtu.be/v8zgr_m2oFo
	How to Create C++ Program	https://youtu.be/YrjJqH5UsHM
	Operators in C++	https://youtu.be/x80u1vEGj5I
	Classes and Objects: Managing Console I/O	https://youtu.be/L0bVI4HIHck
	Class Declaration, Access Specifier	https://youtu.be/bjBeqYtc4Aw
	Creating Object in C++	https://youtu.be/QH9qcleuhf8
5	Unit V: Function In C++	
	Function Components	https://youtu.be/QcCmd71bNlc
	Passing Object to & Returning object from fu	https://youtu.be/m62iVWm14sl
	Constructor and Destructor	
	Constructor in C++	https://youtu.be/wolZo6WnCUl
	Types of Constructor	https://youtu.be/uGOMdRoAJA
6	Unit VI: Operator Overloading	
	Concept and Types of Operator Overloading	https://youtu.be/jMroFJTdOul
	Inheritance and Types of Inheritance	https://youtu.be/vcAjCThJ01o
	Online Class Test	

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Format	Credit
Video	Miss. Aarti V. Dahikar
Video	Miss Aarti V. Dahikar
PDF	Miss Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Shubhangi A. Petale
Video	Miss. Ashvini D. Ambadkar
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Video	Miss. Ashvini D. Ambadkar
Google form Link	Miss. Ashvini D. Ambadkar