

**LEARNING MANAGEMENT SYSTEM (LMS)
DEPARTMENT
OF
COMPUTER SCIENCE & APPLICATIONS (B.SC)**

C- PROGRAMMING		
UNIT	TOPIC	E-Content
1.	Introduction to C language	https://youtu.be/EjavYOFoJJ0
2.	Low Level Language v/s Assembly Language	https://youtu.be/E6jtj-7xJoA
3.	Language Translators/compiler/interpreter	https://youtu.be/qcEBXrqFLe8
4.	Functions, Pointers and Arrays in C	https://youtu.be/ccokzYaO0jI
C++ PROGRAMMING		
UNIT	TOPIC	E-Content
1.	An Introduction to programming through C++	https://youtu.be/pQKPUD4_6gA
2.	Problem Solving using computer	https://youtu.be/JR3Ysh0ySXY
3.	Basic Elements of Program	https://youtu.be/I99bi-iw6IM
4.	Program Design	https://youtu.be/dedP0G_3mzs
DATA STRUCTURES WITH C++		
UNIT	TOPIC	E-Content
1.	Introduction to Data structures	https://youtu.be/5_5oE5lgrhw
2.	Introduction to Recursion	https://youtu.be/yVdKa8dnKiE
3.	Trees	https://youtu.be/OYqYEM1bMK8
4.	Graphs, Hashing, Heaps	https://youtu.be/NEtwJASLU8Q
WEB TECHNOLOGIES		
UNIT	TOPIC	E-Content
1.	Structuring Documents for the Web	https://youtu.be/i94zoNYSFik
2.	Cascading Style Sheets	https://youtu.be/6EMkq7UqMGE
3.	Learning Java scripts, working with Java scripts, Putting your site on the web	https://youtu.be/W6NZfCO5Sik
4.	Javascript, XML Declaration & Documentation, Cookies in servlet, Cookies and Sessions	https://youtu.be/m-SkpKpVpGI https://youtu.be/iLC12EinND0 https://youtu.be/_w2TYBy_7L0 https://youtu.be/Ae3WBXMMIXA

PROGRAMMING IN JAVA		
UNIT	TOPIC	E-Content
1.	Introduction to Java Programming	https://youtu.be/OjdT21-EZJA https://youtu.be/VksxhzfD8kQ https://youtu.be/1B5ppTif5ZY https://youtu.be/2duE6dWb6dY
2.	Packages, Exceptions, Multithreading, Input/output in Java	https://youtu.be/TwU3cv1FFis https://youtu.be/vUov8EkjZjU https://youtu.be/6rYOyIGfy3w https://youtu.be/1Yuj9nn0PBU
3.	Applets, Event handling, AWT, Swing, Database handling using JDBC	https://youtu.be/cC_Ij7WmP_k https://youtu.be/Vtc-eipVgL0 https://youtu.be/mQj34vUhpts
4.	Encapsulation, Interface, Information Hiding, Exception Handling, Inheritance	https://youtu.be/K9gQwLeNXyw https://youtu.be/qgBv1_Plldo https://youtu.be/t4GPGkLh4Vg https://youtu.be/vUov8EkjZjU https://youtu.be/rxsl1TzcEgg
DATABASE MANAGEMENT SYSTEMS		
UNIT	TOPIC	E-Content
1.	Introduction to the Relational Model	https://youtu.be/Q45sr5p_NmQ
2.	Database Design and the E-R model	https://youtu.be/uvSNzQVZq7A
3.	Introduction to SQL, Intermediate, Advanced SQL	https://youtu.be/HAI5DG_l60k
4.	Transaction Management	https://youtu.be/YsPRw4OWFZE
PHP with MySQL		
UNIT	TOPIC	E-Content
1.	INTRODUCTION TO PHP	https://youtu.be/VWlaRuCzdo8 https://youtu.be/VoEzaumuag0 https://youtu.be/keE6_lGDl4Go
2.	XAMPP in Windows, PHP Arrays, Loops, Statement, Operators, Functions	https://youtu.be/P0VpNo3-WRw https://youtu.be/XgGds-eb5dQ https://youtu.be/Qrr0XXLdsnU

		https://youtu.be/80w_zulsRFg https://youtu.be/4FO7W3Mf0TY https://youtu.be/47uzgZ8Jn4Y
3.	MySQL	https://youtu.be/pdQ1OsfJSRw https://youtu.be/WK3nn45vwAo https://youtu.be/EfY4n5j77PQ https://youtu.be/1plzd6CHzSM
4.	PHP String Functions, Cookies, Sessions, Encryption	https://youtu.be/2abiIAqo64A https://youtu.be/ZpmfQtDeeKg https://youtu.be/THeGVeW3jOw https://youtu.be/EuIkLUH0PGE

HMMV COMPUTER