

CURRICULAM – WEB RESOURCES

Name of Programme :B.Sc – Computer Science

Sl.No	Year	Name of Subject	Web Resources
1	I	PROGRAMMING IN C	<ol style="list-style-type: none"> https://codeforwin.org/ https://www.geeksforgeeks.org/c-programming-language/ http://en.cppreference.com/w/c http://learn-c.org/ https://www.cprogramming.com
2	I	PROGRAMMING IN C LAB	<ol style="list-style-type: none"> https://codeforwin.org/ https://www.geeksforgeeks.org/c-programming-language/ http://en.cppreference.com/w/c http://learn-c.org/ https://www.cprogramming.com
3	I	Discrete Mathematics – I	<ol style="list-style-type: none"> Web resources from NDL Library, E-content from open-source libraries
4	I	Fundamentals of Information Technology	<ol style="list-style-type: none"> https://testbook.com/learn/computer-fundamentals https://www.tutorialsmate.com/2020/04/computer-fundamentals-tutorial.html https://www.javatpoint.com/computer-fundamentals-tutorial https://www.tutorialspoint.com/computer_fundamentals/index.htm https://www.nios.ac.in/media/documents/sec229new/Lesson1.pdf
5	I	Problem Solving Techniques	<ol style="list-style-type: none"> https://www.codesansar.com/computer-basics/problem-solving-using-computer.htm http://www.nptel.iitm.ac.in/video.php?subjectId=106102067 http://utubersity.com/?page_id=876
6	II	DATA STRUCTURES AND ALGORITHMS	<ol style="list-style-type: none"> https://www.programiz.com/dsa https://www.geeksforgeeks.org/learn-data-structures-and-algorithms-dsa-tutorial/
7	II	DATA STRUCTURES AND ALGORITHMS LAB	<ol style="list-style-type: none"> https://www.programiz.com/dsa https://www.geeksforgeeks.org/learn-data-structures-and-algorithms-dsa-tutorial/
8	II	Numerical Methods	<ol style="list-style-type: none"> Web resources from NDL Library, E-content from open-source libraries
9	II	OFFICE AUTOMATION	<ol style="list-style-type: none"> https://www.udemy.com/course/office-automation-certificate-course/ https://www.javatpoint.com/automation-tools
10	II	Advanced Excel	<ol style="list-style-type: none"> https://www.simplilearn.com https://www.javatpoint.com https://www.w3schools.com
11	III	Python programming	<ol style="list-style-type: none"> https://www.programiz.com/python-programming https://www.guru99.com/python-tutorials.html https://www.w3schools.com/python/python_intro.asp https://www.geeksforgeeks.org/python-programming-language/ https://en.wikipedia.org/wiki/Python_(programming_language)
12	III	Python programming	<ol style="list-style-type: none"> https://www.programiz.com/python-programming https://www.guru99.com/python-tutorials.html

		Lab	3. https://www.w3schools.com/python/python_intro.asp 4. https://www.geeksforgeeks.org/python-programming-language/ 5. https://en.wikipedia.org/wiki/Python_(programming_language)
13	III	Statistical Methods and its Application-I	1. Web resources from NDL Library, E-content from open-source libraries
14	III	PHP PROGRAMMING	1. Opensource digital libraries: PHP Programming 2. https://www.w3schools.com/php/default.asp
15	III	Multimedia Systems	1. https://www.geeksforgeeks.org/multimedia-systems-with-features-or-characteristics/
16	IV	Java Programming	1. https://javabeginnerstutorial.com/core-java-tutorial 2. http://docs.oracle.com/javase/tutorial/ 3. https://www.coursera.org/
17	IV	SoftwareTesting	1. https://www.javatpoint.com/software-testing-tutorial 2. https://www.guru99.com/software-testing.html
18	IV	Java Programming Lab	1. https://www.w3schools.com/java/ 2. http://java.sun.com 3. http://www.afu.com/javafaq.html
19	IV	Digital Logic Fundamentals	1. Web resources from NDL Library, E-content from open-source libraries
20	IV	WEB DESIGNING	1. NPTEL & MOOC courses titled Web Design and Development. 2. https://www.geeksforgeeks.org
21	IV	Resource Management Techniques	1. Web resources from NDL Library, E-content from open-source libraries
22	V	Software Engineering	1. Web resources from NDL Library, E-content from open-source libraries
23	V	Database Management System	1. Web resources from NDL Library, E-content from open-source libraries
24	V	Database Management System Lab	1. Web resources from NDL Library, E-content from open-source libraries
25	V	Operating Systems	1. Web resources from NDL Library, E-content from open-source libraries
26	V	Big Data Analytics	1. https://www.simplilearn.com 2. https://www.sas.com/en_us/insights/analytics/big-data-analytics.html
27	VI	Computer Networks	1. https://en.wikipedia.org/wiki/Computer_network 2. https://citationsy.com/styles/computer-networks
28	VI	.Net Programming	1. https://www.geeksforgeeks.org/introduction-to-net-framework/ 2. https://www.javatpoint.com/net-framework
29	VI	.Net Programming LAB	1. https://www.geeksforgeeks.org/introduction-to-net-framework/ 2. https://www.javatpoint.com/net-framework
30		Data analytics using R Lab	1. https://www.simplilearn.com
31		Image Processing	1. https://kanchiuniv.ac.in/coursematerials/Digital%20image%20processing%20-Vijaya%20Raghavan.pdf 2. http://sdeuoc.ac.in/sites/default/files/sde_videos/Digital%20Image%20Processing%203rd%20ed.%20-%20R.%20Gonzalez%2C%20R.%20Woods-ilovepdf-compressed.pdf 3. https://dl.acm.org/doi/10.5555/559707

			4. https://www.ijert.org/image-processing-using-web-2-0-2
32		Artificial Intelligence	1. https://github.com/dair-ai/ML-Course-Notes 2. https://web.cs.hacettepe.edu.tr/~erkut/ain311.f21/index.html 3. https://www.toolify.ai/?gclid=CjwKCAjwvdajBhBEEiwAeMh1U6tlqU1LXIRFbcghLMZVwICm_4PkIRcDRE-VYq_wTDcuaQeq_bCHnhoCcm4QAvD_BwE