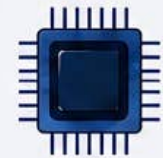
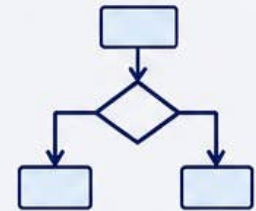




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Syllabus



SEC: Laboratory on VB.Net

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks
5.5	V	112287	Laboratory on VB.Net	2	60	4Hrs	50

Course Objectives:	1. Understand the concept of VB.NET. 2. Know the importance of VB.NET. 3. Explain the functions of VB.NET. 4. Define the scope and benefits and limitations of VB.NET.						
Course Outcomes:	On completion of the following syllabus the students will be able to - 1. To develop simple VB.NET program using form. 2. To apply simple VB.NET program using form. 3. To execute VB.NET application with various controls						
Contents					Workload Allotted	Weightage of Marks Allotted	Incorporation of Pedagogies
List of Practical: 1. Write a VB.NET program to determine whether an input number is an even number. 2. Write VB.Net to Find Greatest of Three Number 3. Write VB.Net for Conditional if else. 4. Write VB.Net for Select Case 5. Write VB.Net for Print Factorial 6. Write VB.Net for Print Prime Number 7. Write VB.Net to Generate Fibonacci Series 8. Write VB.Net to Swap Two Numbers using 2 Variables. 9. Write VB.Net to Print * like * * * * * * * * * * * * * * * 10. Write VB.Net code to print the following pattern: 1 12							Use any pedagogical technique suitable for the topic

	123 1234 12345 11. Write VB.Net code to print the following pattern: I I N I N D I N D I I N D I A 12. Write VB.Net code to print the following pattern: 1 2 3 4 5 6 7 8 9 10 13. Write VB.Net program to demonstrate constructor. 14. Write VB.Net program to demonstrate constructor overloading. 15. Write VB.Net program to demonstrate passing argument by val. 16. Write VB.Net program to demonstrate passing argument by ref. 17. Write VB.Net program to demonstrate arrays. 18. Write VB.Net program to demonstrate built in dialog boxes. 19. Write VB.Net program to demonstrate timer control. 20. Write VB.Net program to demonstrate check box. 21. Write VB.Net program to demonstrate radio button. 22. Write VB.Net program to demonstrate repeater data controls. 23. Write VB.Net program to demonstrate data grid control 24. Write VB.Net program to demonstrate panels. 25. Write VB.Net program to demonstrate string manipulation functions. 26. Write VB.Net to demonstrate classes and objects. 27. Write VB.Net to demonstrate method overloading 28. Write VB.Net to create menu editor 29. Write VB.Net for ADO.NET connection objects. 30. Write VB.Net for ADO.NET command objects.			
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References:	Weblink to Equivalent MOOC on SWAYAM if relevant: 1. https://www.programiz.com/cpp-programming/online-compiler/ 2. https://www.onlinegdb.com/online_c++_compiler 3. https://onecompiler.com/cpp 4. https://www.codechef.com/cpp-online-compiler 5. https://www.w3schools.com/cpp/cpp_compiler.asp 6. https://www.tutorialspoint.com/compile_cpp_online.php 7. https://nextleap.app/online-compiler/cpp-programming 8. https://www.jdoodle.com/online-compiler-c++			
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Assessment Rubric: Internal Examination Practical Course |(SEC)

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI PRACTICAL EXAMINATION B.Sc. III, SEMESTER – V (NEP)			
Practical	Course Code: 112287	Laboratory on VB.Net	Max Marks: 50
Sr. No.	Assessment Criteria		Marks
1.	Single Program Writing, Algorithm, Flowchart, Execution, with Sample inputs and Outputs, and Printout		20
2.	Record book preparation (Preferably handwritten) / Assignments preparation during semester		10
3.	Attendance in practical session / Students' overall performance		10
4.	Internal Viva Voce		10