

**+2 LEVEL BIFOCAL SUBJECTS**  
**ENGINEERING AND TECHNOLOGY GROUP**

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Standard XII Subject: Computer Science (D9) Paper 1(Theory).

**Reduction of Syllabus : For Academic Year 2020-21**

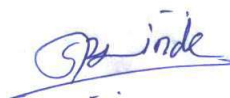
Sr. No.	Unit	Sub-Unit to be Omitted		Reasons for Omitting	Remark
1	Operating Systems	1.3	Overview of OS Win 98, Win NT, LINUX.	Covered in Practical	Self-Study Possible
		1.7	GUI:	Covered In Practical	Self-Study Possible
2	Data Structures	2.1	Introduction to Data Structures	Self Learning	Non -evaluative
3	C++	3.1	Review Of C++	Covered in Practical	Self -Study Possible
		3.3	Principal Of Object Oriented Programming	Self Learning	Non -evaluative
4	HTML	4.1	Introduction To HTML	Self Learning	Non - evaluative

Note: Teachers can use supplementary material like e-Resources, worksheets, projects, assignments, home-work etc. to deal with the self-study portion.



Smt. Gangurde M. S.

Sign of Committee Member 1



Shri. Shinde S. R.

Sign of Committee Member 2

Shri. Shinde S. D.

Sign of Committee Chairman

Standard XII

Subject: Computer Science (D9) Paper 1 (Practical)

**Reduction of Syllabus (25%) : For Academic Year 2020-21**

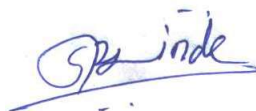
Sr. No.	Sr. No. in Syllabus	Practical to be Omitted	Reasons for Omitting	Remark
1	1	C++ Program - Using Array And Pointers	Covered in Std. 11 th	Repeat Practical
2	10	VB Program - Creating And Customizing Menus	Covered in Std. 11 th	Repeat Practical
3	11	VB Program -	Covered in Std. 11 th	Repeat Practical
4	12	VB Program -	Covered in Std. 11 th	Repeat Practical
5	113	VB Program -	Covered in Std. 11 th	Repeat Practical
6	15	Designing A Simple Web Page With Text	Can be Covered in Other Practical	Self Study Possible

Note: Teachers can use supplementary material like e-Resources, online simulators, worksheets, projects, assignments, home-work etc. to deal with the self-study portion.



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**+2 LEVEL BIFOCAL SUBJECTS**  
**ENGINEERING AND TECHNOLOGY GROUP**

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Standard XII Subject: **Computer Science (D9)** Paper 2 (Theory).

**Reduction of Syllabus : For Academic Year 2020-21**

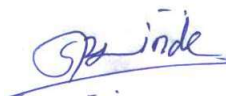
Sr. No.	Unit	Sub-Unit to be Omitted		Reasons for Omitting	Remark
1	Introduction To Microprocessor And Organisation Of 8085	1.1	Evolution of Microprocessor	Self Learning	Self-Study Possible
		1.3	Block Diagram Of Generic Microprocessor	Can be covered in Practical	Self-Study Possible
2	Instruction Sates And Programming Of 8085	2.2	Programming Model Of 8085	Can be covered in Practical	Self-Study Possible
3	Introduction to Intel X86 Family	3.1	Introduction to Advance Microprocessors	Self Learning	Self -Study Possible
4	Introduction to Microcontroller	4.1	Introduction to Microcontroller	Self Learning	Self-Study Possible
5	Networking Technology	5.4	Protocols	Can be covered in Practical	Self-Study Possible

Note: Teachers can use supplementary material like e-Resources, worksheets, projects, assignments, home-work etc. to deal with the self-study portion.



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Standard XII

Subject: Computer Science (D9) Paper 2 (Practical)

**Reduction of Syllabus (25%) : For Academic Year 2020-21**

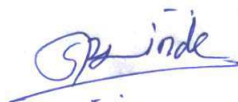
Sr. No.	Sr. No. in Syllabus	Practical to be Omitted	Reasons for Omitting	Remark
1	10	Program for searching a given number	Covered in Std. 11 th	Repeat Practical
2	11	Program using routine instruction	Covered in Std. 11 th	Repeat Practical
3	13	Program to Generate a square wave	Can be covered in other Practicals	Self Study Possible
4	14	Study of Interrupts	Can be covered in other Practicals	Self Study Possible
5	15	Study Of Transmission Media	Can be covered in other Practicals	Self Study Possible
6	18	Setting up of LAN network in Laboratory	Can be Covered in Other Practical	Repeat Practical

Note: Teachers can use supplementary material like e-Resources, online simulators, worksheets, projects, assignments, home-work etc. to deal with the self-study portion.



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