

# 1. B.Sc. CS Semester - II Syllabus Structure

Kadi Sarva Vishwavidyalaya, Gandhinagar

Bachelor of Science (Computer Science)

B.Sc. CS Semester - II Syllabus Structure

(Scheme of Teaching and Evaluation for B.Sc. CS Programme (Basic/Honours)  
aligning to NEP - 2020 as per Govt. of Gujarat Dated 11/07/2023)

B.Sc. CS - Semester – II (First Year)								
Course Code	Title of the Paper	Category	Duration in Hours		Credits	Maximum Marks		Total
			Theory	Practical		CCE (Formative)	SEE (Summative)	
CSM203-1C	Object Oriented Programming	Major	30	60	4(2+2)	50	50	100
CSM204-1C	Data Structures and Algorithms	Major	30	60	4(2+2)	50	50	100
CSE202-1C	Operations Research	Minor	60	-	4	50	50	100
MDC242-1C	Discrete Mathematics	MDC	60	-	4	50	50	100
AEC204-1C	Communication Skills	AEC	30	-	2	25	25	50
SEC242-1C	Project - II	SEC	-	60	2	25	25	50
VAC201-1C	Environmental Studies	VAC	30	-	2	25	25	50
<b>Total</b>					<b>22</b>	<b>275</b>	<b>275</b>	<b>550</b>

**Please Note:**

1. The marks distribution is mainly divided into two components named Continuous and Comprehensive Evaluation (CCE) = 50 % and Semester End Evaluation (SEE) = 50 %.
2. Minimum Passing marks required to be scored by the students in each course and in each head (CCE and SEE) is 36%.

**Exit 1: Award of UG certificate in Major course with 44 credits with additional 4 credits of Summer Internship in core specific NSQF defined course OR continue with Major and Minor course for next NCrF credit level.**

*Prepared*  
*29/06/2024*