

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING:: TIRUPATI – 517 502

Department of Computer Science and Engineering
B.Tech (CSE) – Choice Based Credit System – 2020 Regulations
(With effect from the academic year 2021-22)
Scheme of Instruction and Examinations

III Semester

(effective from the batch of students admitted from the academic year 2020-21)

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits
		L	T	P	Total	
MA301C	Mathematics III	3			3	3
CA301C	Fundamentals of Database Management Systems	3	1		4	4
CS303C	Discrete Mathematical Structures	3			3	3
CA302C	Introduction to Artificial Intelligence	3			3	3
CA303C	Elements of Electronics and Digital Logic Design	3			3	3
CA304L	Fundamentals of Database Management Systems Laboratory			3	3	1.5
CA305L	Electronics and Digital Logic Design Laboratory			3	3	1.5
CS309S	Skill Oriented Course - Basic Python Programming	1		2	3	2
PA310A	Audit Course - Constitution of India	2			2	0
Total		18	1	8	27	21

- All Courses - 40 marks (Internal) + 60 Marks (Univ. Semester End)
- Audit Course - 100 marks (Internal) - Zero Credits

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IV Semester

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits
		L	T	P	Total	
CS401C	Signals and Systems	3			3	3
CS402C	Operating Systems	3			3	3
HS403C	Managerial Economics and Accountancy	3			3	3
CS404C	Computer Oriented Numerical Methods	3			3	3
CS405C	Computer Organization	3			3	3
CS406C	Design and Analysis of Algorithms	3			3	3
CA401L	Artificial Intelligence Laboratory			3	3	1.5
CA402L	Operating Systems and Algorithms Laboratory			3	3	1.5
CS409S	Skill Oriented Course - Basic Web Designing	1		2	3	2
Total		19		8	27	23
Internship for 4 to 6 Weeks (Mandatory) during summer vacation.						

- All Courses - 40 marks (Internal) + 60 Marks (Univ. Semester End)