

COMPUTER ENGINEERING COURSE
SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019-2020

SEMESTER – V

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P	Duration (Hrs)	Marks					Credits
						Th	IA	TW*	P	Total	
CE510	Database Management & Query Processing	3	0	0	3	100	25	0	0	125	3
CE520	Operating Systems	3	0	0	3	100	25	0	0	125	3
CE531	Graph Theory	3	0	0	3	100	25	0	0	125	3
CE532	Neural Networks										
CE533	Object Oriented Programming using JAVA										
CE534	Distributed Operating Systems										
CE541	Modern Computer Graphics	3	0	0	3	100	25	0	0	125	3
CE542	Web-Technologies										
CE543	Testing & Quality Assurance										
CE544	Real Time Systems										
CE550	Database Management & Query Processing Lab	0	0	4	--	0	0	25	50	75	2
CE560	Operating Systems Lab	0	0	4	--	0	0	25	50	75	2
**	Open Elective	3	0	0	3	100	25	0	0	125	3
HM300	Cyber Law and IPR	3	0	0	3	100	25	0	0	125	3
	<u>TOTAL</u>	18	0	8	--	600	150	50	100	900	22

* Term Work marks are to be awarded through continuous evaluation

** Students may enter the subject code of the open elective selected from the courses of other branch of Engineering.

LEGEND

Abbreviation	Description
L	Lecture
T	Tutorial
P	Practical
O	Oral
Th	Theory
TW	Term Work
IA	Internal Assessment

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SEMESTER – VI

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						Th	IA	TW*	P	Total	
CE610	Modern Computer Networking	3	1	0	3	100	25	25	0	150	4
CE620	Artificial Intelligence	3	1	0	3	100	25	25	0	150	4
CE631	Computational Number Theory	3	0	0	3	100	25	0	0	125	3
CE632	Advanced Computer Organization & Architecture										
CE633	Speech & Natural Language Processing										
CE634	Data Mining & Data Warehousing										
CE641	High Performance Computing	3	0	0	3	100	25	0	0	125	3
CE642	Information Retrieval										
CE643	Image Processing & Vision										
CE644	Cloud Computing & Applications										
CE650	Computer Networks Lab	0	0	2	--	0	0	0	50	50	1
CE660	Artificial Intelligence Lab	0	0	2	--	0	0	0	50	50	1
**	Open Elective	3	0	0	3	100	25	0	0	125	3
HM200	Technical Writing & Professional Ethics	3	0	0	3	100	25	0	0	125	3
	<u>TOTAL</u>	18	2	4	--	600	150	50	100	900	22

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