

**COMPUTER ENGINEERING COURSE**  
**SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019-2020**  
**SEMESTER – III**

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination						Credits
		L	T	P	Duration (Hrs)	Marks				Total	
						Th	IA	TW**	P		
CE310	Mathematics III	3	1	0	3	100	25	25	0	150	4
CE320	Logic Design	3	0	0	3	100	25	0	0	125	3
CE330	Data Structures	3	0	0	3	100	25	0	0	125	3
CE340	Object Oriented Programming System	3	0	0	3	100	25	0	0	125	3
CE350	Computer Organization	3	1	0	3	100	25	25	0	150	4
CE360	Data Structures Programming Lab	0	0	4	0	0	0	25	50	75	2
CE370	Object Oriented Programming System Lab	0	0	4	0	0	0	25	50	75	2
HM001	Technical Communication	2	0	0	0	0	0	75	0	75	2
AC390	Mathematics I & II (Bridge Course)*	2	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	<b>19</b>	<b>2</b>	<b>8</b>		<b>500</b>	<b>125</b>	<b>175</b>	<b>100</b>	<b>900</b>	<b>23</b>

\*Applicable to direct second year /lateral entry students

\*\*Term Work marks are to be awarded through continuous evaluation

### **LEGEND**

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

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

**SEMESTER – IV**

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
CE410	Discrete Mathematics	3	1	0	3	100	25	25	0	150	4
CE420	Microprocessors & Microcontrollers	3	0	0	3	100	25	0	0	125	3
CE430	Formal Languages & Automata Theory	3	0	0	3	100	25	0	0	125	3
CE440	Modern Algorithm Design Foundation	3	0	0	3	100	25	0	0	125	3
CE450	Object Oriented Software Engineering	3	1	0	3	100	25	25	0	150	4
CE460	Modern Algorithm Design Foundation Lab	0	0	4	0	0	0	25	50	75	2
CE470	Microprocessors & Microcontrollers Lab	0	0	4	0	0	0	25	50	75	2
HM100	Economics for Engineers	3	0	0	3	100	25	0	0	125	3
	<b><u>TOTAL</u></b>	18	2	8	--	600	150	100	100	950	24

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