

**Autonomous Program Structure
Third Year B. Tech. Sixth Semester
Computer Engineering
Academic Year: 2022-2023 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credits
		Lecture	Tutorial	Practical	In Semester	End Semester	Oral	Practical		
20CE601	Microprocessor and Microcontroller	3	1	0	50	50	0	0	100	4
20CE602	Software Engineering	3	1	0	50	50	0	0	100	4
20CE603	Cloud Computing	3	0	0	50	50	0	0	100	3
20HS601	Professional and Societal Awareness for Engineers	3	0	0	50	50	0	0	100	3
20PECE 601	Programme Elective-III	3	0	0	50	50	0	0	100	3
20OE601	Open Elective-II	3	0	0	50	50	0	0	100	3
20CE601L	Microprocessor and Microcontroller Laboratory	0	0	2	25	0	0	25	50	1
20CE603L	Cloud Computing Laboratory	0	0	2	25	0	25	0	50	1
20AC 601	Audit Course	0	0	2	0	0	0	0	0	No Credits
	Total	18	2	6	350	300	25	25	700	22
	Grand Total	24			700					22

Programme Elective-III

20PECE601A DevOps Fundamentals

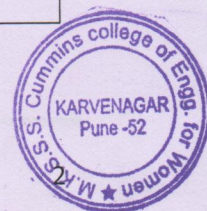
20PECE601B Compiler Construction

20PECE601C Deep Learning

20PECE601D Data Management, Protection and Governance by Veritas, Technologies

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20OE601 Open Elective-II			Eligible Departments				
Sr. No.	Course Code	Course Title	EnTC	Comp	IT	Mech	Instru
1	20OE601A	Automation and Control Engineering	Y	Y	Y	Y	Y
2	20OE601B	Automotive Electronics	Y	Y	Y	Y	Y
3	20OE601C	Avionics	Y	Y	Y	Y	Y
4	20OE601D	Bioinformatics	Y	Y	Y	N	Y
5	20OE601E	Computer Vision	Y	Y	Y	Y	Y
6	20OE601F	Design Thinking	Y	Y	Y	Y	Y
7	20OE601G	e-Business	Y	Y	Y	Y	Y
8	20OE601H	Electric Vehicles	Y	Y	Y	Y	Y
9	20OE601I	Gamification	Y	Y	Y	Y	Y
10	20OE601J	Geographical Information Systems	Y	Y	Y	Y	Y
11	20OE601K	Multimedia Systems	Y	Y	Y	N	Y

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