

BE Computer Engineering 2019 Course tentative Curriculum structure:

Savitribai Phule Pune University														
Final Year of Computer Engineering (2019 Course)														
(With effect from Academic Year 2022-23)														
Semester VII														
Course Code	Course Name	Teaching Scheme (Hours/week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
410241	Design and Analysis of Algorithms	03	-	-	30	70	-	-	-	100	3	-	-	3
410242	Machine Learning	03	-	-	30	70	-	-	-	100	3	-	-	3
410243	Elective III	03	-	-	30	70	-	-	-	100	3	-	-	3
410244	Elective IV	03	-	-	30	70	-	-	-	100	3	-	-	3
410245	Lab Practice III	-	04	-	-	-	25	50	-	75	-	2	-	2
410246	Lab Practice IV	-	04	-	-	-	25	-	50	75	-	2	-	2
410247	MOOCs/SWAYAM	-	-	-	-	-	50	-	-	50	-	2	-	2
410248	Project Stage I	-	04	-	-	-	50	-	50	100	-	2	-	2
410249	Audit Course 7													
Total Credit											12	08	-	20
Total		12	12	00	120	280	150	50	100	700	12	08	-	20
Elective III: <ul style="list-style-type: none"> Pervasive Computing Multimedia Techniques Cyber Security and Digital Forensics Object Oriented Modeling and Design 						Elective IV: <ul style="list-style-type: none"> Information Retrieval GPU Programming and Architecture Mobile Computing Software Testing and Quality Assurance 								
Lab Practice III: It is based on two compulsory subjects: <ul style="list-style-type: none"> Design and Analysis of Algorithms Machine Learning 						Lab Practice IV: It is based on two Elective subjects: <ul style="list-style-type: none"> Elective III Elective IV 								
Audit Course 7: <ul style="list-style-type: none"> MOOC- Learn New Skills Entrepreneurship Development Botnet of Things 3D Printing Industrial Safety and Environment Consciousness Emotional Intelligence 														

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Semester VIII														
Course Code	Course Name	Teaching Scheme (Hours/week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
410250	High Performance Computing	03	-	-	30	70	-	-	-	100	03			03
410251	Deep Learning	03	-	-	30	70	-	-	-	100	03			03
410252	Elective V	03	-	-	30	70	-	-	-	100	03			03
410253	Elective VI	03	-	-	30	70	-	-	-	100	03			03
410255	Lab Practice V	-	02	-	-	-	25	50	-	75		01		01
410256	Lab Practice VI	-	02	-	-	-	25	-	50	75		01		01
410257	Project Stage II	-	12	-	-	-	100	-	50	150		06		06
410258	Audit Course 8													
Total											12	08	-	20
Total		12	16	-	120	280	150	50	100	700	12	08	-	20
Elective V: <ul style="list-style-type: none">Natural Language ProcessingImage ProcessingBlockchain TechnologySoftware Defined NetworksOpen Elective						Elective VI: <ul style="list-style-type: none">Pattern RecognitionGame EngineeringSoft ComputingBusiness IntelligenceOpen Elective								
Lab Practice V: It is based on two compulsory subjects: <ul style="list-style-type: none">High Performance ComputingDeep Learning						Lab Practice VI: It is based on two Elective subjects: <ul style="list-style-type: none">Elective VElective VI								
Audit Course 8: <ul style="list-style-type: none">Business IntelligenceQuantum Computing.Usability EngineeringConversational InterfacesSocial Media and AnalyticsMOOC- Learn New Skills														

Thanking You,

BoS Computer Engineering

SPPU, Pune.