

Savitribai Phule Pune University
Second Year of Information Technology Engineering(2019 Course)
(With effect from Academic Year 2020-21)

Semester-III

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks					Credit				
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	
<u>214441</u>	Discrete Mathematics	03	-	01	30	70	25	-	-	125	03	--	01	04
<u>214442</u>	Logic Design and Computer Organization	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214443</u>	Data Structures and Algorithms	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214444</u>	Object Oriented Programming	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214445</u>	Basics of Computer Network	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214446</u>	Logic Design Computer Organization Lab	-	02	-	-	-	25	25	-	50	-	01	-	01
<u>214447</u>	Data Structures and Algorithms Lab	-	04	-	-	-	25	25	-	50	-	02	-	02
<u>214448</u>	Object Oriented Programming Lab	-	04	-	-	-	25	25	-	50	-	02	-	02
<u>214449</u>	Soft Skill Lab	-	02	-	-	-	25	-	-	25	-	01	-	01
<u>214450</u>	Mandatory Audit Course 3	-	-	-	-	-	-	-	-	-	Non Credit			-
Total		15	12	01	150	350	125	75	--	700	15	06	01	22

Abbreviations:

TH: Theory TW: Term Work PR: Practical

OR: Oral TUT: Tutorial

Note: Students of S.E. (Information Technology) can opt any one of the audit course from the list of audit courses prescribed by BoS (Information Technology)

#Mandatory Audit Course 3:

[214450A](#)- Ethics and values in IT

[214450B](#) - Quantitative Aptitude and Logical Reasoning

[214450C](#)- Language Study- Japanese- Module

[214450D](#)-Cyber Security and Law

Savitribai Phule Pune University, Pune
Second Year of Information Technology Engineering (2019 Course)
(With effect from Academic Year 2020-21)

Semester-IV

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks					Credit				
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
<u>207003</u>	Engineering Mathematics- III	03	-	01	30	70	25	-	-	125	03	--	01	04
<u>214451</u>	Processor Architecture	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214452</u>	Database Management System	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214453</u>	Computer Graphics	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214454</u>	Software Engineering	03	-	-	30	70	-	-	-	100	03	-	-	03
<u>214455</u>	Programming Skill Development Lab	-	02	-	-	-	25	25	-	50	-	01	-	01
<u>214456</u>	Database Management System Lab	-	04	-	-	-	25	25		50	-	02	-	02
<u>214457</u>	Computer Graphics Lab	-	02	-	-	-	-	25	-	25	-	01	-	01
<u>214458</u>	Project Based Learning	-	04	-	-	-	50	-	-	50	-	02	-	02
<u>214459</u>	Mandatory Audit Course 4	-	-	-	-	-	-	-	-	-	Non Credit			-
Total		15	12	01	150	350	125	75	-	700	15	06	01	22

Abbreviations:

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#Mandatory Audit Course 4:

[**214459A**](#) - Water Supply and Treatment

[**214459B**](#) - Language Study- Japanese- Module II

[**214459C**](#) - Waste Management and Pollution Control

[**214459D**](#) - Intellectual Property Rights