



# Sandip University

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## School of Computer Sciences and Applications

### Course Structure for Post-Graduate Programme of Master of Computer Application (MCA)

#### Semester - IV

Sr. No	Core	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs/Week)				C	Duration of University Exam. (Hrs.)	Formative CIA	Summative		Total Marks
				L	T	P	Total				TH	OR / PR	
1	PC	PCA401	Distributed Operating System	3	--	--	3	3	3	50	50	--	100
2	PC	PCA402	Web Technology	3	--	--	3	3	3	50	50	--	100
3	PE	PCA403I	Internet of Things	3	--	--	3	3	3	50	50	--	100
		PCA403II	Green Computing										
4	PE	PCA404I	Big Data Analytics	3	--	--	3	3	3	50	50	--	100
		PCA404II	Pervasive Computing										
5	UC	PCA405	Value Education	2	--	--	2	--	--	--	--	--	GR
6	PC	PCA411	Lab Course based on Distributed Operating System	--	--	4	4	2	3	50	--	50	100
7	PC	PCA412	Lab Course based on Web Technology	--	--	4	4	2	3	50	--	50	100
8	PC	PCA413	Mini Project with Seminar	--	--	4	4	2	3	50	--	50	100
<b>Total</b>				<b>14</b>		<b>12</b>	<b>26</b>	<b>18</b>		<b>350</b>	<b>200</b>	<b>150</b>	<b>700</b>

CIA: Continuous Internal Assessment	TH: Theory Exam.
L: Theory Lecture	*: Oral Examination
T: Tutorial	UC: University Core
P: Practical	PC: Programme Core
	PE: Programme Elective

#### Details of Continuous Internal Assessment (CIA)

CIA	Weightage	Description
CIA 1	10%	Home Assignment
CIA 2 A&B	20%	Mid-Term Exam (MTE)
CIA 3	10%	Presentation by students
CIA 4	10%	Research Based Activity
TOTAL	50%	

Document Ref.	Rev. No./ Date	Issue No./ Date	Prepared by	Approved by
SUN/SOCSA/ /_____/_____/2017-18				