

Indus University
Indus Institute of Information and Communication Technology
Department of Computer Science
Masters of Science (Computer Application & Information Technology)

INDUS UNIVERSITY, AHMEDABAD												
MSc. IT SEMESTER-I SYLLABUS W.E.F. YEAR 2019-20												
Sr. No.	Sub. Code	Name of the subject	CREDIT	Teaching scheme (per week)				Examination Scheme				Total Marks
								Theory		Practical		
				CIE	End Sem	CIE	End Sem	Th.	Th.	Pr.	Pr.	
1	MSC0112	Introduction to Python	6	4	0	4	8	60	40	60	40	200
2	MSC0113	Introduction to Web Technology	6	4	0	4	8	60	40	60	40	200
3	MSC0114	Advanced Networking	4	4	0	0	4	60	40	0	0	100
4	MSC0104	Object Oriented Analysis & Design	4	4	0	0	4	60	40	0	0	100
5	MSC0115	MOOC Certification	2	0	0	4	4	0	0	60	40	100
6	MSC0116	Case Study on OOAD	2	0	0	4	4	0	0	60	40	100
TOTAL			24	16	0	16	32	240	160	240	160	800

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MSc. IT SEMESTER-II SYLLABUS W.E.F. YEAR 2019-20												
Sr. No.	Sub. Code	Name of the subject	CREDIT	Teaching scheme (per week)				Examination Scheme				Total Marks
								Theory		Practical		
				CIE	End Sem	CIE	End Sem	Th.	Th.	Pr.	Pr.	
1	MSC0210	Enterprise Java Technologies	6	4	0	4	8	60	40	60	40	200
2	MSC0211	Advanced Python for Data Sciences	6	4	0	4	8	60	40	60	40	200
3	MSC0212	Mobile Application Development	6	4	0	4	8	60	40	60	40	200
4	MSC0213	Internet Of Things	4	4	0	0	4	60	40	0	0	100
5	MSC0214	Case Study on IoT	2	0	0	4	4	0	0	60	40	100
TOTAL			24	16	0	16	32	240	160	240	160	800

INDUS UNIVERSITY, AHMEDABAD												
MSc. IT SEMESTER-III SYLLABUS W.E.F. YEAR 2019-20												
Sr. No.	Sub. Code	Name of the subject	CREDIT	Teaching scheme (per week)				Examination Scheme				Total Marks
								Theory		Practical		
				CIE	End Sem	CIE	End Sem	Th.	Th.	Pr.	Pr.	
Th.	Tut.	Pr.	Total (hr.)	Th.	Th.	Pr.	Pr.					
1	MSC0311	.NET Technology using C#	06	4	0	4	8	60	40	60	40	200
2	MSC0312	Big Data & Data Analytics	06	4	0	4	8	60	40	60	40	200
3	MSC0313	Virtualization & Applications of Cloud	04	4	0	0	4	60	40	0	0	100
4		Elective-I	04	4	0	0	4	60	40	0	0	100
5	MSC0314	Mini Project	04	0	0	8	8	0	0	60	40	100
TOTAL			24	16	0	16	32	240	160	180	120	700

INDUS UNIVERSITY, AHMEDABAD												
MSc. IT SEMESTER-IV SYLLABUS W.E.F. YEAR 2019-20												
Sr. No.	Sub. Code	Name of the subject	CREDIT	Teaching scheme (per week)				Examination Scheme				Total Marks
								Theory		Practical		
				CIE	End Sem	CIE	End Sem	Th.	Th.	Pr.	Pr.	
Th.	Tut.	Pr.	Total (hr.)	Th.	Th.	Pr.	Pr.					
1	MSC0401	Software Development Project	24	0	0	0	0	0	0	700	100	600
TOTAL			24	0	0	0	0	0	0	700	100	600