MASTER OF COMPUTER APPLICATION
INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY
INDUS UNIVERSITY

SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
								THEORY			PRACT		
								CIE					
			L	T	P			MID	IE	ESE	CIE	ESE	
1	MCA-301	Object Oriented Technology - I	04	00	02	05	06	30	10	60	40	60	200
2	MCA-302	Web Development Tools – I	04	00	02	05	06	30	10	60	40	60	200
3	MCA-303	Advanced Database Management System	04	00	02	05	06	30	10	60	40	60	200
4	MCA-304	Advanced Networking	04	00	00	04	04	30	10	60	00	00	100
5	MCA-305	Software Engineering and Quality Assurance	04	00	00	04	04	30	10	60	00	00	100
6	MCA-306	Mini Project – 1	01	00	02	02	03	00	00	00	40	60	100
		TOTAL	**21**	**00**	**08**	**25**	**29**	**150**	**50**	**300**	**160**	**240**	**900**

MASTER OF COMPUTER APPLICATION, SEMESTER –III TEACHING & EXAMINATION SCHEME WITH EFFECT FROM JULY 2017

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SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
								THEORY			PRACT		
								CIE					
			L	T	P			MID	IE	ESE	CIE	ESE	
1	MCA-401	Object Oriented Technology - II	04	00	02	05	06	30	10	60	40	60	200
2	MCA-402	Big Data & Data Analytics	04	00	02	05	06	30	10	60	40	60	200
3	MCA-403	Software Project Management	04	00	00	04	04	30	10	60	00	00	100
4 - 1	MCA – 404 (A)	Mobile Application Development with Android	04	00	02	05	06	30	10	60	40	60	200
	MCA – 405 (A)	Open Source Technology in Web Development (LAMP)	04	00	02	05	06	30	10	60	40	60	200
	MCA – 406 (A)	Mobile Cross Platform Development	04	00	00	04	04	30	10	60	00	00	100
4 - 2	MCA – 404 (B)	Database Administration	04	00	02	05	06	30	10	60	40	60	200
	MCA – 405 (B)	Performance Tuning and Query Optimization	04	00	02	05	06	30	10	60	40	60	200
	MCA – 406 (B)	Distributed Database	04	00	00	04	04	30	10	60	00	00	100
4 - 3	MCA – 404 (C)	Wireless Sensor's Networks	04	00	02	05	06	30	10	60	40	60	200
	MCA – 405 (C)	Network Security	04	00	02	05	06	30	10	60	40	60	200
	MCA – 406 (C)	Heterogeneous Network	04	00	00	04	04	30	10	60	00	00	100
5	MCA-407	Mini Project – II	00	00	02	01	02	00	00	00	40	60	100
TOTAL			**24**	**00**	**10**	**29**	**34**	**180**	**60**	**360**	**200**	**300**	**1100**

Approved Vide Agenda Item No. 03 of Minutes of Meeting of Academic Council held on 11 July 17

MASTER OF COMPUTER APPLICATION
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MASTER OF COMPUTER APPLICATION, SEMESTER –V TEACHING & EXAMINATION SCHEME WITH EFFECT FROM JULY 2017

SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
								THEORY			PRACT		
								CIE					
			L	T	P			MID	IE	ESE	CIE	ESE	
1	MCA-501	Cloud Infrastructure & Services	03	02	00	04	05	30	10	60	00	00	100
2	MCA-502	Web Development Tools - Ii	04	00	04	06	08	30	10	60	40	60	200
3	MCA-503	Cyber Security & Forensic Science	04	00	00	04	04	30	10	60	00	00	100
4	MCA-504	Design Patterns	04	00	00	04	04	30	10	60	00	00	100
5	MCA-505	Mini Project - III	00	00	08	04	08	00	00	00	40	60	100
	TOTAL		15	02	12	22	29	120	40	240	80	120	600

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SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME					TOTAL
								THEORY			PRACT		
								CIE					
			L	T	P			MID	IE	ESE	CIE	ESE	
1	MCA-601	Software Development Project	00	00	00	24	00	00	00	00	100	600	700
TOTAL			00	00	00	24	00	00	00	00	100	600	700