



Course Name: Master of Computer Application (MCA) with Specialization in Cloud Computing

Course Structure

ADAMAS UNIVERSITY SCHOOL OF ENGINEERING & TECHNOLOGY PG PROGRAM: Master of Computer Application (MCA) In Cloud Computing SEMESTER I								
Sl. No	Type of Course	Course Code	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Theory		Computer Programming with Python	3	0	0	3	3
2	Theory	SMA51141	Numerical & Statistical Methods	3	0	0	3	3
3	Theory	ECS51103	Computer Organization & Architecture	3	0	0	3	3
4	Theory		Software Engineering	3	0	0	3	3
5	Theory		HSS– I (English Communication)	3	0	0	3	2
6	Theory		Mobile Applications using Android/IoS	3	0	0	3	3
7	Practical		Computer Programming with Python Lab	0	0	3	3	2
8	Practical	SMA51241	Numerical & Statistical Methods Lab	0	0	3	3	2
9	Practical		Computer Organization & Architecture Lab	0	0	3	3	2
10	Practical		Mobile Applications using Android/IoS Lab	0	0	3	3	2
Total				18	0	12	30	25

ADAMAS UNIVERSITY SCHOOL OF ENGINEERING & TECHNOLOGY PG PROGRAM: Master of Computer Application (MCA) In Cloud Computing SEMESTER II								
Sl. No	Type of Course	Course Code	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Theory		Data Structures with Python	3	0	0	3	3
2	Theory		Object Oriented Programming with Java	3	0	0	3	3
3	Theory	ECS51106	Operating System	3	0	0	3	3
4	Theory	ECS51108	Database Management System	3	0	0	3	3
5	Theory		Data Warehousing & Data Analytics	3	0	0	3	3
6	Practical		Data Structures with Python Lab.	0	0	3	3	2
7	Practical	ECS51208	Database Management System Lab	0	0	3	3	2
8	Practical		Object Oriented Programming with Java Lab	0	0	3	3	2
9	Practical	ECS51206	Operating System Lab	0	0	3	3	2
Total				15	0	12	27	23

Total Credits (First Year): 48

ADAMAS UNIVERSITY SCHOOL OF ENGINEERING & TECHNOLOGY PG PROGRAM: Master of Computer Application (MCA)								
--	--	--	--	--	--	--	--	--

**In Cloud Computing
SEMESTER III**

Sl. No	Type of Course	Course Code	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Theory		Web Technology	3	0	0	3	3
2	Theory	EEEC52101	Data Communication & Computer Network	3	0	0	3	3
3	Theory		Cyber Security	3	0	0	3	3
4	Theory		Fundamentals of Cloud Computing	3	0	0	3	3
5	Theory		Cloud Storage	3	0	0	3	3
6	Practical		Cyber Security Lab	0	0	3	3	2
7	Practical		Web Technology Lab	0	0	3	3	2
8	Practical		Fundamentals of Cloud Computing Lab	0	0	3	3	2
9			Project	0	0	3	3	2
Total				15	0	12	27	23

**ADAMAS UNIVERSITY
SCHOOL OF ENGINEERING & TECHNOLOGY
PG PROGRAM: Master of Computer Application (MCA)
In Cloud Computing
SEMESTER IV**

Sl. No	Type of Course	Course Code	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Theory		Cloud Networking	3	0	0	3	3
2	Theory		Cloud Security	3	0	0	3	3
3	Practical		Cloud Networking Lab	0	0	3	3	2
4	Seminar		Seminar	0	2	0	2	2
5	Project		Project-II	0	0	6	6	4
Total				6	2	9	17	14

Total Credits (Second Year): 37

Total Credits (over two years): 85