



# Dr. A.P.J. ABDUL KALAM UNIVERSITY, INDORE (M.P.)

## Scheme of Examination (w.e.f. 2020-2021)

### Fourth Semester- Master of Computer Application

S.No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments/Quiz	End Sem. Practical/ Viva	Practical Record/Quiz/Assignment/Presentation	
1.	MCA 401	Elective –IV	3	1	-	4	70	20	10	-	-	100
2.	MCA 402	Elective-V	3	1	-	4	70	20	10	-	-	100
3.	MCA 403	Elective-VI	3	1	-	4	70	20	10	-	-	100
4.	MCA 404	Major Project	-	-	16	16	-	-	-	250	150	400
5.	MCA 405	Lab of Elective-IV ,V and VI	-	-	2	2				30	20	50
		Total	9	3	18	30	210	60	30	280	170	750

**L: Lecture - T: Tutorial - P: Practical**

#### **Elective – IV**

1. Advanced Python
2. Advanced Web Technology
3. Big data with Analytics

#### **Elective-V**

1. Deep Learning
2. Cloud Computing Technologies
3. Digital marketing

#### **Elective-VI**

1. Information Security
2. Block Chain and Cryptocurrency
3. Mobile Computing