

COURSE STRUCTURE

Master of Computer Applications

..I.. Year			..I..Semester						
S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17300101	Computer Programming	2	1	-	3	40	60	100
2.	17300102	Digital Logic Design	3	1	-	4	40	60	100
3.	17300103	Discrete Mathematical Structures and Graph Theory	3	1	-	4	40	60	100
4.	17300104	Human Resource Management	4	-	-	4	40	60	100
5.	17300105	Accounting and Financial Management	3	1	-	4	40	60	100
6.	17300111	English Communication Lab	-	-	3	2	50	50	100
7.	17300112	Computer Programming Lab	-	-	4	2	50	50	100
8.	17300113	Digital Logic Design Lab	-	-	3	2	50	50	100
Total			16	4	9	25	350	450	800

L- LECTURE T-TUTORIAL P- PRACTICAL C - CREDITS Int. - INTERNAL Ext. - EXTERNAL

42

Pogreddy

Ch. Juvanti

(D. T. V. based)

COURSE STRUCTURE

Master of Computer Applications

..I.. Year

..II..Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17300201	Data Structures	3	1	-	4	40	60	100
2.	17300202	Computer Organization	4	-	-	4	40	60	100
3.	17300203	OOPS Through Java	3	1	-	4	40	60	100
4.	17300204	Organizational Structures and Personal Management	4	-	-	4	40	60	100
5.	17300205	Intellectual Property Rights & Professional Ethics	4	-	-	4	40	60	100
6.	17300211	Data Structures Lab	-	-	3	2	50	50	100
7.	17300212	OOPS Through Java Lab	-	-	3	2	50	50	100
8.	17300213	IT Workshop	-	-	3	2	50	50	100
		Total	18	2	9	26	350	450	800

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Ch. Jeeva

(Dr. T. V. Prasad)

COURSE STRUCTURE

Master of Computer Applications

..II.. Year

..III..Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17300301	Probability and Statistics with R	3	1	-	4	40	60	100
2.	17300302	Data Base Management Systems	3	1	-	4	40	60	100
3.	17300303	Operations Research	3	1	-	4	40	60	100
4.	17300304	Computer Networks	4	-	-	4	40	60	100
5.	17300305	Design & Analysis of Algorithms	3	1	-	4	40	60	100
6.	17300311	Probability and Statistics with R Lab	-	-	3	2	50	50	100
7.	17300312	Data Base Management Systems Lab	-	-	3	2	50	50	100
8.	17300313	Python Programming Lab	-	-	3	2	50	50	100
		Total	16	4	9	26	350	450	800

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Handwritten signature: P. S. Reddy

Handwritten signature: Ch. Sudhakar

Handwritten signature: Dr. T. V. Prasad

(Dr. T. V. Prasad)

COURSE STRUCTURE

Master of Computer Applications

..II.. Year

..IV..Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17300401	Operating Systems	3	1	-	4	40	60	100
2.	17300402	Web Technologies	3	1	-	4	40	60	100
3.	17300403	Software Engineering	4	-	-	4	40	60	100
4.	17300404	Cryptography and Network Security	4	-	-	4	40	60	100
5.	17300461(A,B,C)	Elective - 1	4	-	-	4	40	60	100
6.	17300411	Operating Systems Lab	-	-	3	2	50	50	100
7.	17300412	Web Technologies Lab	-	-	3	2	50	50	100
8.	17300421	Mini Project	-	-	2	2	50	-	50
Total			18	2	8	26	350	400	750

L- LECTURE T-TUTORIAL P – PRACTICAL C – CREDITS Int. – INTERNAL Ext. - EXTERNAL

LIST OF ELECTIVES

Department Elective 1:

- A) Human Computer Interaction (17300461A)
- B) Cloud Computing (17300461B)
- C) Mobile Computing (17300461C)

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Ch. Jeyaraj

(Dr. T. V. Chand)

COURSE STRUCTURE

Master of Computer Applications

..III.. Year

..V..Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17300501	Data Warehousing and Data Mining	4	-	-	4	40	60	100
2.	17300502	OOAD through UML	4	-	-	4	40	60	100
3.	17300503	Computer Graphics and Multimedia Systems	4	-	-	4	40	60	100
4.	17300562(A,B,C)	Elective – 2	4	-	-	4	40	60	100
5.	17300563(A,B,C)	Elective – 3	4	-	-	4	40	60	100
6.	17300511	Data Warehousing and Data Mining Lab	-	-	3	2	50	50	100
7.	17300512	OOAD through UML Lab	-	-	3	2	50	50	100
8.	17300513	Computer Graphics and Multimedia Systems Lab	-	-	3	2	50	50	100
Total			20	0	9	26	350	450	800

L- LECTURE T-TUTORIAL P – PRACTICAL C – CREDITS Int. – INTERNAL Ext. - EXTERNAL

LIST OF ELECTIVES

Department Elective 2:

- A) Software Project Management(17300562A)
- B) Data Science (17300562B)
- C) Mobile Application Development (17300562C)

Department Elective 3:

- A) Software Testing Methodologies (17300563A)
- B) Artificial Intelligence (17300563B)
- C) E-Commerce (17300563C)

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Postgraduate

Dr. T.V. Prasad

Ch. Juvanti

COURSE STRUCTURE

Master of Computer Applications

..III.. Year

..VI..Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1	17300601	Big Data Analytics	4	-	-	4	40	60	100
2	17300611	Big Data Analytics Lab	-	-	3	2	50	50	100
3	17300681	Seminar	-	-	3	2	50	-	50
4	17300641	Dissertation / VivaVoce	-	-	20	12	50	100	150
		Total	4	0	26	20	190	210	400

L- LECTURE T-TUTORIAL P- PRACTICAL C- CREDITS Int. - INTERNAL Ext. - EXTERNAL

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Ch. J...

Dr. T. V. Vasanth