

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

48

Pogreddy

Ch. J. J.

(Dr. T. V. Ramesh)

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

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

42

proceeding

Ch. J. J.

(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

L- LECTURE T-TUTORIAL P- PRACTICAL

C- CREDITS Int. - INTERNAL Ext. - EXTERNAL

Handwritten signature

Handwritten signature: P. S. Reddy

Handwritten signature: Ch. J. S. S.

Handwritten signature

(Dr. T. V. Nagesh)

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)

[Signature]

POSHEDDY

Ch. Jeyaraj

[Signature]
(Dr. T. V. Ramesh)

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)

Handwritten signature

Handwritten signature

Handwritten signature
(Dr. T.V. Ganesan)

Handwritten signature
Ch. Jeyaraj

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

4/2

Provenedy

Ch. J. J.

Dr. T. V. V.
(Dr. T. V. V.)