ACADEMIC REGULATIONS & COURSE STRUCTURE

For

MCA

(Applicable for batches admitted from 2016-2017)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA - 533 003, Andhra Pradesh, India

III Semester

S. No.	Subject	T	P
1	DATA BASE MANAGEMENT SYSTEMS	4	-
2	COMPUTER NETWORKS	4	-
3	UNIX PROGRAMMING	4	-
4	MANAGEMENT INFORMATION SYSTEM	4	-
5	DESIGN AND ANALYSIS OF ALGORITHMS	4	-
6	DATA BASE MANAGEMENT SYSTEMS LAB	-	3
7	UNIX PROGRAMMING LAB	-	3
8	COMPUTER NETWORKS LAB		3

IV Semester

S. No.	SUBJECT	T	P
1	OBJECT ORIENTED ANALYSIS AND DESIGN	4	-
2	ADVANCED JAVA & WEB TECHNOLOGIES	4	-
3	DATA WAREHOUSING AND MINING	4	-
4	ELECTIVE-I MCA16.4.4.1 MOBILE COMPUTING MCA16.4.4.2 HUMAN COMPUTER INTERACTION MCA16.4.4.3 CLOUD COMPUTING	4	-
5	ELECTIVE-II MCA16.4.5.1 SOFTWARE PROJECT MANAGEMENT MCA16.4.5.2 ARTIFICIAL INTELLIGENCE MCA16.4.5.3 EMBEDDED SYSTEMS	4	-
6	ADVANCED JAVA & WEB TECHNOLOGIES LAB	-	3
7	DATA WAREHOUSING AND MINING LAB	-	3
8	OBJECT ORIENTED ANALYSIS AND DESIGN LAB		

V Semester

S. No.	SUBJECT	T	P
1	BIG DATA ANALYTICS	4	-
2	NETWORK PROGRAMMING	4	-
3	PYTHON PROGRAMMING	4	-
4	ELECTIVE-III MCA16.5.4.1CYBER SECURITY MCA16.5.4.2 COMPUTER FORENSICS MCA16.5.4.3 E-COMMERCE	4	-
5	ELECTIVE-IV MCA16.5.5.1 INTERNET OF THINGS MCA16.5.5.2 MULTIMEDIA APPLICATION DEVELOPMENT MCA16.5.5.3SOFTWARE TESTING METHODOLOGIES	4	-
6	BIG DATA ANALYTICS LAB	-	3
7	NETWORK PROGRAMMING LAB	-	3
8	PYTHON PROGRAMMING LAB		3

VI Semester

S. No.	SUBJECT
1	PROJECT SEMINAR
2	DISSERTATION/ THESIS EXCELLENT / GOOD / SATISFACTORY/ NOT SATISFACTORY