


PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2016-17
LIST OF COURSES

SEMESTER III							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
III	1.	MA6351	Transforms and Partial Differential Equations	3	1	0	4
III	2.	CS6301	Programming and Data Structure II	3	0	0	3
III	3.	CS6302	Database Management Systems	3	0	0	3
III	4.	CS6303	Computer Architecture	3	0	0	3
III	5.	CS6304	Analog and Digital Communication	3	0	0	3
III	6.	GE6351	Environmental Science and Engineering	3	0	0	3
III	7.	IT6311	Programming and Data Structure Laboratory II	0	0	3	2
III	8.	IT6312	Database Management Systems Laboratory	0	0	3	2
III	9.	IT6313	Digital Communication Laboratory	0	0	3	2
TOTAL				18	1	9	25
SEMESTER IV							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
IV	1.	MA6453	Probability and Queueing Theory	3	1	0	4
IV	2.	CS6401	Operating Systems	3	0	0	3
IV	3.	CS6402	Design and Analysis of Algorithms	3	0	0	3
IV	4.	EC6504	Microprocessor and Microcontroller	3	0	0	3
IV	5.	CS6403	Software Engineering	3	0	0	3
IV	7.	IT6411	Microprocessor and Microcontroller Laboratory	0	0	3	2
IV	6.	IT6412	Operating Systems Laboratory	0	0	3	2
IV	8.	IT6413	Software Engineering Laboratory	0	0	3	2
TOTAL				15	1	9	22
SEMESTER V							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
V	1.	CS6551	Computer Networks	3	0	0	3
V	2.	IT6501	Graphics and Multimedia	3	0	0	3
V	3.	CS6502	Object Oriented Analysis and Design	3	1	0	4
V	4.	IT6502	Digital Signal Processing	3	1	0	4
V	5.	IT6503	Web Programming	3	0	0	3
V	6.	EC6801	Wireless Communication	0	0	3	2
V	7.	IT6511	Networks Laboratory	0	0	3	2
V	8.	IT6512	Web Programming Laboratory	0	0	3	2
V	9.	IT6513	Case Tools Laboratory	0	0	3	2
TOTAL				18	2	9	26
SEMESTER VI							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
VI	1.	CS6601	Distributed Systems	3	0	0	3
VI	2.	IT6601	Mobile Computing	3	0	0	3
VI	3.	CS6660	Compiler Design	3	0	0	3
VI	4.	IT6602	Software Architecture	3	0	0	3
VI	5.	CS6659	Artificial Intelligence	3	0	0	3
VI	6.	GE6757	Elective 1: Total Quality Management	0	0	3	2
VI	7.	IT6611	Mobile Application Development Laboratory	0	0	3	2
VI	8.	IT6612	Compiler Laboratory	0	0	4	2
VI	9.	GE6674	Communication and Soft Skills - Laboratory Based	0	0	4	2
TOTAL				18	0	10	24

SEMESTER VII							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
VII	1.	IT6701	Information Management	3	0	0	3
VII	2.	CS6701	Cryptography and Network Security	3	0	0	3
VII	3.	IT6702	Data Ware Housing and Management	3	0	0	3
VII	4.	CS6703	Grid and Cloud Computing	3	0	0	3
VII	5.	IT6004	Elective II: Software Testing	3	0	0	3
VII	6.	IT6711	Data Mining Laboratory	0	0	3	2
VII	7.	IT6712	Security Laboratory	0	0	3	2
VII	8.	IT6713	Grid and Cloud Computing	0	0	3	2
TOTAL				15	0	9	21
SEMESTER VIII							
SEM	S.No	COURSE CODE	COURSE TITLE	L	T	P	C
VIII	1.	IT6801	Service Oriented Architecture	3	0	0	3
VIII	2.	GE6075	Elective III: Professional Ethics in Engineering	3	0	0	3
VIII	3.	CS6004	Elective IV: Cyber Forensics	3	0	0	3
VIII	4.	MG6088	Elective V: Software Project Management	0	0	12	6
VIII	5.	CS2451	Project Work	12	0	12	18
TOTAL				12	0	12	18

TOTAL NO OF CREDITS:	136
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D. S. S. S.

HOD

M. R. S.
PRINCIPAL

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