



**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2017-18**  
**M.E (CSE) LIST OF COURSES**

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
I	1.	MA5160	Applied Probability and Statistics	FC	4	4	0	0	4
I	2.	CP5151	Advanced Data structures and Algorithm	PC	4	4	0		4
I	3.	CP5152	Advanced Computer Architecture	PC	3	3	0	0	3
I	4.	CP5153	Operating system Internals	PC	3	3	0	0	3
I	5.	CP5154	Advanced software Engineering	PC	3	3	0	0	3
I	6.	CP5191	Machine Learning Techniques	PC	3	3	0	0	3
I	7.	CP5161	Data structures lab	PC	4	0	0	4	2
<b>TOTAL</b>					<b>24</b>	<b>20</b>	<b>0</b>	<b>4</b>	<b>22</b>

**SEMESTER II**

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
II	1.	CP5201	Network Design and Technologies	PC	3	3	0	0	3
II	2.	CP5291	Security Practices	PC	3	3	0	0	3
II	3.	CP5292	Internet of Things	PC	3	3	0	0	3
II	4.	CP5293	Big data Analytics	PC	3	3	0	0	3
II	5.	CP5001	Elective I- Principles of Programming Language	PE	3	3	0	0	3
II	6.	CP5094	Elective II-Information Retrieval Techniques	PE	3	3	0	0	3
II	7.	CP5261	Data Analytics Lab	PC	4	0	0	4	2
II	8.	CP5281	Term Paper writing and seminar	EEC	2	0	0	2	1
<b>TOTAL</b>					<b>24</b>	<b>18</b>	<b>0</b>	<b>6</b>	<b>21</b>

TOTAL NO OF CREDITS: 43

*V. R. V. K.*  
HOD

*P. L. N.*  
PRINCIPAL

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