

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY

LUCKNOW



Syllabus

For

**B.TECH. ELECTRONICS & COMPUTER ENGINEERING
Of**

Second Year

(Effective from the Session: 2020-21)

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

B.TECH. ELECTRONICS & COMPUTER ENGINEERING

STUDY & EVALUATION SCHEME

2nd Year

III Semester

S. No	Subject Code	Subject Name	L-T-P	ESE Marks	Sessional			Total	Credit
					CT	TA	PS		
1		Engineering Science Course/Maths-IV	3-1-0	100	30	20		150	4
2		Technical Communication/Universal Human Values	2-1-0	100	30	20		150	3
			3-0-0						
3		Data Structure	3-1-0	100	30	20		150	4
4		Computer Organization and Architecture	3-1-0	100	30	20		150	4
5		Network Analysis and Synthesis	3-0-0	100	30	20		150	3
6		Data Structures Using C Lab	0-0-2	25			25	50	1
7		Computer Organization Lab	0-0-2	25			25	50	1
8		Network Analysis and Synthesis lab	0-0-2	25			25	50	1
9		Mini Project or Internship Assessment*	0-0-2				50	50	1
10		Computer System Security/Python Programming	2-0-0	50	15	10			0
11		MOOCs (Essential for HONS Degree)							
		Total						950	22

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

B.TECH. ELECTRONICS & COMPUTER ENGINEERING

STUDY & EVALUATION SCHEME

2nd Year

IV Semester

S. No	Subject Code	Subject Name	L-T-P	ESE Marks	Sessional			Total	Credit
					CT	TA	PS		
1		Engineering Science Course/Maths-IV	3-1-0	100	30	20		150	4
2		Technical Communication/Universal Human Values	2-1-0	100	30	20		150	3
			3-0-0						
3		Operating Systems	3-0-0	100	30	20		150	3
4		Microprocessor	3-1-0	100	30	20		150	4
5		Signal System	3-1-0	100	30	20		150	4
6		Operating Systems Lab	0-0-2	25			25	50	1
7		Microprocessor Lab	0-0-2	25			25	50	1
8		Signal System Lab	0-0-2	25			25	50	1
9		Computer System Security/Python Programming	2-0-0	50	15	10			0
10		MOOCs (Essential for HONS Degree)							
		Total						900	21