

BIKANER TECHNICAL UNIVERSITY, BIKANER



SCHEME OF B.TECH.

COMPUTER SCIENCE ENGINEERING (DATA SCIENCE)

Effective From Session: 2020-21

Teaching & Examination Scheme
B.Tech. : Computer Science & Engineering (Data Science)
2nd Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3CSDS2-01	Advanced Engineering Mathematics	3	0	0	3	30	120	150	3
2	HSMC	3CSDS1-02/ 3CSDS1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3CSDS3-04	Digital Electronics	3	0	0	3	30	120	150	3
4	PCC	3CSDS4-05	Data Structures and Algorithms	3	0	0	3	30	120	150	3
5		3CSDS4-06	Introduction to Data Science	3	0	0	3	30	120	150	3
6		3CSDS4-07	Object Oriented Programming	3	0	0	3	30	120	150	3
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	3CSDS4-21	Data Structures and Algorithms Lab	0	0	3		45	30	75	1.5
8		3CSDS4-22	Object Oriented Programming Lab	0	0	3		45	30	75	1.5
9		3CSDS4-23	Data Science Lab	0	0	3		45	30	75	1.5
10	ESC	3CSDS4-24	Digital Electronics Lab	0	0	3		45	30	75	1.5
11	PSIT	3CSDS7-30	Industrial Training	0	0	1		0	0	50	1
12	ANANDAM	3CSDS8-00	ANANDAM							100	2
Sub- Total				0	0	13		180	120	450	9
TOTAL OF III SEMESTER				17	0	13		350	800	1300	26

L: Lecture, T: Tutorial, P: Practical, Cr: Credits

ETE: End Term Exam, IA: Internal Assessment

Teaching & Examination Scheme
B.Tech.: Computer Science Engineering (Data Science)
2nd Year - IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4CSDS2-01	Discrete Mathematics Structure	3	0	0	3	30	120	150	3
2	HSMC	4CSDS1-03/ 4CSDS1-02	Managerial Economics and Financial Accounting /Technical Communication	2	0	0	2	20	80	100	2
3	ESC	4CSDS3-04	Microprocessor & Interfaces	3	0	0	3	30	120	150	3
4	PCC	4CSDS4-05	Database Management System	3	0	0	3	30	120	150	3
5		4CSDS4-06	Theory of Computation	3	0	0	3	30	120	150	3
6		4DSDS4-07	Statistics for Data Science	3	0	0	3	30	120	150	3
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	4CSDS4-21	Microprocessor & Interfaces Lab	0	0	3		45	30	75	1.5
8		4CSDS4-22	Database Management System Lab	0	0	3		45	30	75	1.5
9		4DSDS4-23	Python Programming Lab	0	0	3		45	30	75	1.5
10		4CSDS4-24	Linux Shell Programming Lab	0	0	3		45	30	75	1.5
11	ANANDAM	4CSDS8-00	ANANDAM							100	2
Sub- Total				0	0	12		180	120	400	8
TOTAL OF IV SEMEESTER				17	0	12		350	800	1250	25

L: Lecture, T: Tutorial, P: Practical, Cr: Credits

ETE: End Term Exam, IA: Internal Assessment