

Academic 2020-2021 Autonomus Scheme
For
B. Tech. Information Technology Programme

Curriculum for Semester 3rd

Sr.No	Category of Subject	Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credits
				L	T	P	CA	MSE	ESE	Total	
1	HSMC	IT3T001	Organization Behavior	2	0	0	20	20	60	100	2
2	BSC	IT3T002	Mathematics III	3	1	0	20	20	60	100	4
3	ESC	IT3T003	Digital Electronics & Fundamentals of Microprocessor	3	0	0	20	20	60	100	3
4	PCC	IT3T004	Computer Architecture & Organization	3	0	0	20	20	60	100	3
5	PCC	IT3T005	Data Structure using OOPS	3	1	0	20	20	60	100	4
6	PCC	IT3T006	Computer Graphics	3	0	0	20	20	60	100	
7	PCC	IT3T007	Data Structure using OOPS Lab	0	0	2	60	0	40	100	1
8	ESC	IT3T008	Digital Electronics & Fundamentals of Microprocessor Lab	0	0	2	60	0	40	100	1
9	PCC	IT3L009	Computer Graphics Lab	0	0	2	60	0	40	100	1
10	PROJECT	IT3P010	Internship	0	0	0	0	0	0	0	1
11	UHV	IT3T011	Universal Human Values	2	0	0	15	10	25	50	Audit
				19	2	06	320	120	510	950	23

B. Tech. Information Technology Program

Curriculum for Semester- IV [Second Year]

Academic 2020-2021 Autonomous Scheme

Sr.No	Category of Subject	Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credits
				L	T	P	CA	MSE	ESE	Total	
1	PCC	IT4T001	Theory of Computation	3	1	0	20	20	60	100	4
2	PCC	IT4T002	Java Programming	3	1	0	20	20	60	100	3
3	PCC	IT4T003	Operating System	3	0	0	20	20	60	100	3
4	PCC	IT4T004	Computer Networks	3	0	0	20	20	60	100	3
5	PCC	IT4T005	Database Management System	3	0	0	20	20	60	100	3
6	PCC	IT4T006	Discrete Mathematics & Graph Theory	3	0	0	20	20	60	100	3
7	PCC	IT4L007	Database Management System Lab	0	0	2	60	0	40	100	1
8	PCC	IT4L008	Computer Networks Lab	0	0	2	60	0	40	100	1
9	PCC	IT4L009	Java Programming Lab	0	0	2	60	0	40	100	1
10	PCC	IT4T010	Consumer Affairs	2	0	0	15	10	25	50	Audit
				19	2	06	300	120	530	950	22

Academic 2020-2021 DBATU Scheme

Teaching and Evaluation Scheme Third Year B. Tech. (Information Technology)

Sr. No	Code	Course title	Weekly Teaching hours			Evaluation Scheme			Credit
			L	T	P	MSE	CA	ESE	
1	BTITC501	Database Management Systems	3	-	-	20	20	60	3
2	BTITC502	Design and Analysis of Algorithms	3	-	-	20	20	60	3
3	BTITC503	Software Engineering	3	-	-	20	20	60	3
4	BTITOE504	Open/Departmental Elective - Group 1	3	-	-	20	20	60	3
5	BTITSE505	Stream Elective - Group 1	3	-	-	20	20	60	3
6	BTITS506	Seminar	-	2	-	-	-	50	2
7	BTITL507	Programming Lab – Minor (R Programming)	-	-	2	-	25	25	1
8	BTHM508	Constitutions of India/ Essence of Indian Traditional Knowledge	-	-	-	-	-	-	-
9	BTITL509	Database Management Systems Lab	-	-	2	-	25	25	1
10	BTITL510	Design and Analysis of Algorithms Lab	-	-	2	-	25	25	1
Summary of Semester Assessment Marks, Credit & Hours			15	2	6	100	175	425	20
Semester VI									
1	BTITC601	Operating System	3	-	-	20	20	60	3
2	BTITC602	Compiler Construction	3	-	-	20	20	60	3
3	BTITC603	Object Oriented Software and Web Engineering	3	-	-	20	20	60	3
4	BTITC604	Digital Image Processing	3	-	-	20	20	60	3
5	BTITOE605	Open/Departmental Elective Group 2	3	-	-	20	20	60	3
6	BTITPE606	Professional Elective - Group 2	-	-	4	-	25	25	2
7	BTITL607	Operating Systems Lab	-	-	2	-	25	25	1
7	BTITL608	Digital Image Processing Lab	-	-	2	-	25	25	1
8	BTITPEL609	Departmental Elective - Group 2 Lab	-	-	2	-	25	25	1
9	BTITP610	Mini Project	-	-	2	-	25	25	1
Summary of Semester Assessment Marks, Credit & Hours			15	-	10	100	200	400	20

Academic 2020-2021 DBATU Scheme

Teaching and Evaluation Scheme Final year B. Tech. (Information Technology)

Sr. No	Code	Course title	Weekly Teaching hours			Evaluation Scheme			Credit
			L	T	P	MSE	CA	ESE	
1	BTIT701	Cloud Computing and Storage Management	2	-	-	20	20	60	2
2	BTITDE702	Open / Departmental Elective - Group 3	3	-	-	20	20	60	3
3	BTIT DE703	Open / Departmental Elective - Group 4	3	-	-	20	20	60	3
4	BTIT SE704	Stream Elective - Group 3	3	-	-	20	20	60	3
5	BTITL705	Cloud Computing and Storage Management Lab	-	-	2		25	25	1
6	BTITDEL706	Open / Departmental Elective - Group 3 Lab	-	-	2	-	25	25	1
7	BTITSEL707	Stream Elective - Group 3 Lab	-	-	2	-	25	25	1
8	BTITP708	Project Phase I	-	-	8	-	50	50	4
9	BTIT709	Industrial Training Assessment	-	-	-	-	-	50	2
Summary of Semester Assessment Marks, Credit & Hours			11	-	14	80	205	415	20
Semester VIII									
1	BTIT DE801	Open/Departmental Elective - Group 5	3	-	-	20	20	60	3
2	BTITSE802	Stream Elective - Group4	3	-	-	20	20	60	3
3	BTIT SE803	Stream Elective - Group 5	3	-	-	20	20	60	3
4	BTITSE804	Stream Elective - Group 6	3	-	-	20	20	60	3
5	BTITDEL805	Open/Departmental Elective - Group 5 Lab	-	-	2		25	25	1
7	BTITSEL806	Stream Elective - Group 4 Lab	-	-	2	-	25	25	1
8	BTITSEL807	Stream Elective - Group 6 Lab	-	-	2	-	25	25	1
9	BTITP808	Project Phase II	-	-	12		50	50	5
Summary of Semester Assessment Marks, Credit & Hours			12	-	18	80	205	365	20