

Academic 2021-2022 Automonous Scheme
For
B. Tech. Information Technology Programme
Curriculum for Semester

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 Programme

Curriculum for Semester- IV [Second Year]

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

**Curriculum for Semester- V [Third Year]
Autonomous Scheme**

Sr. No	Category of Subject	Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credit
				L	T	P	CA	MSE	ESE	TOTAL	
1	ESC	IT5T001	Embedded System & IoT	3	0	0	20	20	60	100	3
2	PCC	IT5T002	Cyber Security & Cryptography	3	1	0	20	20	60	100	4
3	PCC	IT5T003	Design and Analysis Of Algorithm	3	1	0	20	20	60	100	4
4	PCC	ITOEC1	Open Elective-1	3	1	0	20	20	60	100	3
5	PEC	IT5TE01	Elective-I	3	0	0	20	20	60	100	3
6	ESC	IT5L004	Embedded System & IoT (Lab)	0	0	2	60	20	40	100	1
7	PCC	IT5L005	Cyber Security & Cryptography(Lab)	0	0	2	60	0	40	100	1
8	PCC	IT5L006	Design and Analysis of Algorithm Lab	0	0	2	60	0	40	100	1
9	PROJECT	IT5P007	Internship	0	0	0	0	0	0	0	1
10	MC	IT5T008	Innovation & Enterpreunership Development	2	0	0	15	10	25	50	Audit
				17	3	6	300	120	450	850	21

B. Tech. Information Technology Programme

Curriculum for Semester-VI Semester Autonomous Scheme

Sr. No	Category of Subject	Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credit
				L	T	P	CA	MSE	ESE	TOTAL	
1	ESC	IT6T001	Adhoc Wireless Networks	3	0	0	20	20	60	100	3
2	PCC	IT6T002	Machine Learning	3	1	0	20	20	60	100	4
3	PEC	IT6TE02	Elective-II	3	0	0	20	20	60	100	3
4	PEC	IT6TE03	Elective-III	3	0	0	20	20	60	100	3
5	OEC	ITOEC2	Open Elective-II	3	1	0	20	20	60	100	4
6	ESC	IT6L003	Adhoc Wireless Networks (Lab)	0	0	2	60	0	40	100	1
7	PCC	IT6L004	Machine Learning(Lab)	0	0	2	60	0	40	100	1
8	PCC	IT6L005	Multimedia (Lab)	0	0	2	60	0	40	100	1
9	PROJECT	IT6P006	Mini Project	0	0	4	25	0	25	50	3
10	MC	IT6T007	Intellectual Property Right	2	0	0	15	10	25	50	Audit
				17	2	10	325	100	475	900	23

Curriculum for DBATU

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

Sr. No	Code	Course title	Weekly Teaching hours			Evaluation Scheme			Credit	Total Hours
			L	T	P	MSE	CA	ESE		
Semester VII										
1	BTIT701	Cloud Computing and Storage Management	2	-	-	20	20	60	2	2

2	BTITDE702	Open / Departmental Elective - Group 3	3	-	-	20	20	60	3	3
3	BTIT DE703	Open / Departmental Elective - Group 4	3	-	-	20	20	60	3	3
4	BTIT SE704	Stream Elective - Group 3	3	-	-	20	20	60	3	3
5	BTITL705	Cloud Computing and Storage Management Lab	-	-	2		25	25	1	2
6	BTITDEL706	Open / Departmental Elective - Group 3 Lab	-	-	2	-	25	25	1	2
7	BTITSEL707	Stream Elective - Group 3 Lab	-	-	2	-	25	25	1	2
8	BTITP708	Project Phase I	-	-	8	-	50	50	4	8
9	BTIT709	Industrial Training Assessment	-	-	-	-	-	50	2	-
Summary of Semester Assessment Marks, Credit & Hours			11	-	14	80	205	415	20	25
Semester VIII										
1	BTIT DE801	Open/Departmental Elective - Group 5	3	-	-	20	20	60	3	3
2	BTITSE802	Stream Elective - Group4	3	-	-	20	20	60	3	3
3	BTIT SE803	Stream Elective - Group 5	3	-	-	20	20	60	3	3
4	BTITSE804	Stream Elective - Group 6	3	-	-	20	20	60	3	3
5	BTITDEL805	Open/Departmental Elective - Group 5 Lab	-	-	2		25	25	1	2
7	BTITSEL806	Stream Elective - Group 4 Lab	-	-	2	-	25	25	1	2
8	BTITSEL807	Stream Elective - Group 6 Lab	-	-	2	-	25	25	1	2
9	BTITP808	Project Phase II	-	-	12		50	50	5	12
Summary of Semester Assessment Marks, Credit & Hours			12	-	18	80	205	365	20	30