Teaching and Evaluation Scheme for Final Year B. Tech. Programme in Information Technology

(Academic year 2023-24)

Sr. No.	Course Code	Course Title	Teaching Scheme			Evaluation Scheme					Total Marks	Credits	Total Hours
			L	T	P	MSE	CA		ESE				
							CA-I	CA- II	Internal	External			
Semester VII													
1	BTITC701	Cloud Computing and Storage Management	2	-	-	20	20		60		100	2	2
2	BTITC702	Artificial Intelligence#	3	-	-	20	20		60		100	3	3
3		**Elective VII**	3	-	-	20	20		60		100	3	3
	BTITE703A	A) Pattern Recognition											
	BTITE703B	B) Soft Computing											
	BTITE703C	C) Electronic Payment System[@]											
4		**Elective VIII** (Open)	3	-	-	20	20		60		100	3	3
	BTITOE704A	A) Financial Accounting											
	BTITOE704B	B) Machine Learning											
	BTITOE704C	C) Deep Learning											
5		**Elective IX**	3	-	-	20	20		60		100	3	3
	BTITPE705A	A) Real Time Systems											
	BTITPE705B	B) Information Security											
	BTITPE705C	C) Management Information Systems											
	BTITPE705D	D) Distributed Computing											
	BTITPE705E	E) Natural Language Processing											
6	BTITL706	Cloud Computing and Storage Management Lab	-	-	2	-	15	15	10	10	50	1	2
7		**Elective VII Lab**	-	-	2	-	15	15	10	10	50	1	2
	BTITEL707A	A) Pattern Recognition Lab											
	BTITEL707B	B) Soft Computing Lab											
	BTITEL707C	C) Electronic Payment System Lab											
8		**Elective IX Lab**	-	-	2	-	15	15	10	10	50	1	2
	BTITPEL708A	A) Real Time Systems Lab											
	BTITPEL708B	B) Information Security Lab											
	BTITPEL708C	C) Management Information Systems Lab											
	BTITPEL708D	D) Distributed Computing Lab											
	BTITPEL708E	E) Natural Language Processing Lab											
9	BTITP709	Project Phase I*	-	-	4	-	30		10	10	50	2	4
10	BTITF710	Field Training / Internship/ Industrial Training-III Evaluation	-	-	-	-	-		50		50	1	-
Summary of Semester Assessment Marks, Credit & Hours			**14**	**-**	**10**	**100**	**220**		**430**		**750**	**20**	**24**

Semester VIII													
1	BTITC801	Internet of Things#	3	-	-	20	20	60		100	3	3
2	BTITC802	Mobile Computing#	3	-	-	20	20	60		100	3	3
3	BTITP803	Project Phase II/ Project with Internship**	-	-	24	-	50	50	50	150	12	24
Summary of Semester Assessment Marks, Credit & Hours			**6**	**-**	**24**	**40**	**90**	**220**		**350**	**18**	**30**

 # These courses are to be studied on self –study mode using SWAYAM/NPTEL/Any other source.

*@ Course **designed and run** by ELECTRONIC PAYMENT AND SERVICES (P) LTD, Mumbai.*

** In case of students opting for Internship in the eighth semester, the Project must be industry-based.*

*** Six months of Internship in the industry.*