

B.E. Semester-VIII

Choice Based Credit Grading Scheme with Holistic Student Development (CBCGS-H 2019)

Course Description			Teaching Scheme (Program specific)					Examination Scheme (Academic)				
Sr. No.	Course Code	Course Title	Mode of Teaching /Learning/Weightage				Credits	Modes of Continuous Assessment/Evaluation				
			Hours Per Week					Theory (100)		Practical/Oral	Term Work	Total
			Theory	Tutoria l	Practica l	Contact Hours		IA	ESE	PR/OR	TW	
1	ITC801	Big Data Analytics	4	-	2	6	5	20	80	25	25	150
2	ITC802	Internet of Things	4	-	2	6	5	20	80	25	25	150
3	ITDLO-IV	Department Level Optional Course –IV #	4	-	-	4	4	20	80	-	-	100
4	ILO-II	Institute Level Optional Course-II \$	3	-	-	3	3	20	80	-	-	100
5	ITL803	DevOps Lab	-	-	2	2	1	-	-	25	25	50
6	ITL804	R Programming Lab	-	-	2	2	1	-	-	25	25	50
7	ITM805	Project-II	-	-	16	16	8	-	-	50	100	150
		Total	15	-	24	39	27	Total marks				750
Course Description			Teaching scheme (Holistic Student Development - HSD/Industry Specific/Interdisciplinary)					Evaluation Scheme (HSD)				
1	ITPS-801	Professional Skills VIII (Case study Based Learning/Experiential Learning)	-	-	-	-	Audit	Non-Scholastic Evaluation by Teacher Guardian and Institute will issue certificate				
2	ITABL-801	1. National Level Achievement 2. National Level Competitive Exams 3. Standard Industrial Certifications 4. Measure Contribution to Society	-	-	-	-	Audit					
		Total					39	27	Grand Total marks:			750

Department Level Optional Course (DLO)

Every student is required to take one Department Elective Course for Semester VIII. Different sets of courses will run in both the semesters. Students can take these courses from the list of department electives, which are closely allied to their disciplines.
 (DLO-I subjects will have no Labs only Theory)

\$ Institute Level Optional Course (ILO)

Every student is required to take one Institute Elective Course for Semester VIII, which is not closely allied to their disciplines. Different sets of courses will run in the both the semesters.

Subject Code	Department Level Optional Course (DLO)	Subject Code	Institute Level Optional Course (ILO)
ITDLO8041	User Interaction Design	ILO8021	Project Management
ITDLO8042	Information Retrieval Systems	ILO8022	Finance Management
ITDLO8043	Knowledge Management	ILO8023	Entrepreneurship Development and Management
ITDLO8044	Robotics	ILO8024	Human Resource Management
ITDLO8045	Enterprise Resource Planning	ILO8025	Professional Ethics and CSR
		ILO8026	Research Methodology
		ILO8027	IPR and Patenting
		ILO8028	Digital Business Management
		ILO8029	Environmental Management

- * Project work will be conducted during the semester and Professional Training/ Internship shall be offered at the end of the semester between 21st and 25th week during (2-4 weeks).
- IA-In-Semester Assessment, ESE-End Semester Examination, PR- Practical Examination, TW – Term Work Examination, OR – Oral Examination, AC-Activity Evaluation.