

B.E. Semester-VII
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	Tutorial	Practica l	Contact Hours		IA	ESE	PR/OR	TW	
1	ITC701	Enterprise Network Design	4	-	2	6	5	20	80	-	25	125
2	ITC702	Infrastructure Security	4	-	2	6	5	20	80	25	25	150
3	ITC703	Artificial Intelligence	4	-	2	6	5	20	80	25	25	150
4	ITDLO-III	Department Level Optional Course –III #	4	-	-	4	4	20	80	-	-	100
5	ILO-I	Institute Level Optional Course-I \$	3	-	-	3	3	20	80	-	-	100
6	ITL701	Android Apps Development Lab	-	-	2	2	1	-	-	25	25	50
7	ITM702	Project-I	-	-	6	6	3	-	-	25	50	75
		Total	19	-	14	33	26	Total marks				750
Course Description			Teaching scheme (Holistic Student Development - HSD/Industry Specific/Interdisciplinary)					Evaluation Scheme (HSD)				
1	ITPS-701	Professional Skills VII(Industry/research/ Entrepreneurship)	-	-	-	-	Audit	Non-Scholastic Evaluation by Teacher Guardian and Institute will issue certificate				
2	ITRBL-701	Research Based Learning III/Online/MOOCs	-	-	-	-	Audit					
		Total				33	26	Grand Total marks:				750

Department Level Optional Course (DLO)

Every student is required to take one Department Elective Course for Semester VII. 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 VII, 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)
ITDLO7031	Storage Area Networks	ILO7011	Product Lifecycle Management
ITDLO7032	Mobile Application Development	ILO7012	Reliability Engineering
ITDLO7033	High Performance Computing	ILO7013	Management Information System
ITDLO7034	Software Testing and Quality Assurance	ILO7014	Design of Experiments
ITDLO7035	Soft Computing	ILO7015	Operation Research
		ILO7016	Cyber Security and Laws
		ILO7017	Disaster Management and Mitigation Measures
		ILO7018	Energy Audit and Management
		ILO7019	Development Engineering

1. 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).
2. IA-In-Semester Assessment, ESE-End Semester Examination, PR- Practical Examination, TW – Term Work Examination, OR – Oral Examination, AC-Activity Evaluation