



UTTARAKHAND BOARD OF TECHNICAL EDUCATION
INSTITUTE OF RESEARCH DEVELOPMENT & TRAINING
(STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME)

BRANCH NAME: CLOUD COMPUTING & BIG DATA

SEMESTER – III

BRANCH CODE: 51

Course Code	Course Title	TH	T	P	T O T	EVALUATION SCHEME						Total Marks	Total Credit
						Internal Assessment		External					
		Periods Per Week				Theory	Practical	Theory		Practical			
		Max Marks	Max Marks	Max Marks	Duration in Hrs.	Max Marks	Duration in Hrs.						
433001	Discrete Mathematics	4	0	0	4	50	0	50	2.5	0	-	100	4
433002	Computer System Organization	4	0	0	4	50	0	50	2.5	0	-	100	4
433003	Data Structure using 'C'	4	0	4	8	30	20	50	2.5	50	3.0	150	6
433004	'C' Programming	4	0	4	8	30	20	50	2.5	50	3.0	150	6
433005	Web Technologies	4	0	4	8	30	20	50	2.5	50	3.0	150	6
433006	E-Governance	4	0	4	8	30	20	50	2.5	50	3.0	150	6
433007	Data Communication Lab	0	0	4	4	0	50	0	-	50	3.0	100	2
AS301	Summer Internship-I (3-4 Week duration After II sem)	-	-	-	-	-	25	-	-	25	3.0	50	2
013054	General Proficiency	0	0	4	4	-	25	-	-	-	-	25	-
513052	Industrial Exposure	-	-	-	-	-	25	-	-	-	-	25	-
	Total	24	0	24	48	220	205	300	-	275	-	1000	36

General Proficiency : will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS, cultural activities and discipline etc.

Industrial Exposure : compulsory at minimum 2 Industries or Departments.

Major Project: It is divided in to two parts (Major Project-I & Major Project-II). Major Project will be initiated in V Semester and will get complete in VI Semester.

Note :-

1. Each period will be of 50 minutes.
2. Each session will be of 16 weeks.
3. Effective teaching will be at least 12.5 weeks.