



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



BRANCH NAME: COMMUNICATION AND COMPUTER NETWORKING

SEMESTER – VI

BRANCH CODE: 47

Course Code	Course Title	TH	T	P	T O T	EVALUATION SCHEME						Total Marks	Total Credit
						Internal Assessment		External					
						Theory	Practical	Theory		Practical			
						Max Marks	Max Marks	Max Marks	Duration in Hrs.	Max Marks	Duration in Hrs.		
Periods Per Week						Max Marks	Max Marks	Max Marks	Duration in Hrs.	Max Marks	Duration in Hrs.	Total Marks	Total Credit
476001	Cloud Computing Concepts	8	0	4	12	30	20	75	2.5	75	3.0	200	10
436006 476002	Open Elective-1: Information Security or, Network Security	6	0	0	6	50	0	50	2.5	0	-	100	6
436002 476004	Open Elective-2: Operation Research or, Optical Communication & Networking	6	0	0	6	50	0	50	2.5	0	-	100	6
476005 476006	Program Elective-1: Mobile Computing or, Basics of Web Technologies	6	0	0	6	50	0	50	2.5	0	-	100	6
AS601	Indian Constitution (Audit Course)	2	0	0	2	0	0	50	2.5	0	-	50	0
AS602	Entrepreneurship and Starts-Ups	4	0	0	4	50	0	100	2.5	0	-	150	4
AS603	Major Project-II	0	0	6	6	0	50	0	-	150	3.0	200	3
AS604	Seminar	2	0	0	2	0	50	0	-	0	-	50	1
016054	General Proficiency	0	0	4	4	-	25	-	-	-	-	25	0
476052	Industrial Exposure	0	0	0	0	-	25	-	-	-	-	25	0
	Total	34	0	14	48	230	170	375	-	225	-	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.