



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



BRANCH NAME: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SEMESTER – VI

BRANCH CODE: 43

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.		
436001	Deep Learning	8	0	4	12	30	20	100	2.5	50	3.0	200	10
436002	Open Elective-1: Operations Research or, Cyber Security Laws Standards and IPR	6	0	0	6	50	0	50	2.5	0	-	100	6
436003													
436004	Open Elective-2: Virtual Reality or, Big Data Analytics	6	0	0	6	50	0	50	2.5	0	-	100	6
436005													
436006	Program Elective: Information Security or, Mobile Computing	6	0	0	6	50	0	50	2.5	0	-	100	6
436007													
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	0	25	0	-	0	-	25	0
436052	Industrial Exposure	0	0	0	0	0	25	0	-	0	-	25	0
	Total	34	0	14	48	230	170	400	-	200	-	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.