

STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY (UTTARAKHAND)

FIRST SEMESTER wef 2006-07

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
1.1	English and Communication Skills –I *	3	-	2	25	25	100	3	50	2	200
1.2	Applied Mathematics-I*	5	-	-	50	-	100	3	-	-	150
1.3	Applied Physics – I *	4	-	2	25	25	100	3	50	3	200
1.4	Applied Chemistry – I *	2	-	2	25	25	100	3	50	3	200
1.5	Fundamentals of Computers	3	-	2	25	25	100	3	50	3	200
1.6	Engineering Drawing-I *	-	-	6	-	50	100	4	25 ⁺	-	175
1.7	General Workshop Practice – I *	-	-	6	-	50	-	-	100+25 ⁺	4	175
Student Centred Activities #		-	-	3	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		17	-	23	150	250	600	-	350	-	1350

⁺ 25 marks for comprehensive viva by external examiner during or immediately after the examination. The students will show all the drawing sheets/jobs prepared during the semester at the time of viva voce examination of Engineering Drawing/Workshop Practice

* Common with other diploma programmes

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

SECOND SEMESTER (INFORMATION TECHNOLOGY) wef 2007-08

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
2.1	English and Communication Skills –II *	3	-	2	25	25	100	3	50	2	200
2.2	Applied Mathematics-II *	5	-	-	50	-	100	3	-	-	150
2.3	Applied Physics – II *	4	-	2	25	25	100	3	50	3	200
2.4	Programming in C	4	-	4	25	25	100	3	50	3	200
2.5	Elements of Electrical and Electronics Engineering	4	-	2	25	25	100	3	50	3	200
2.6	Engineering Drawing – II *	-	-	6	-	50	100	4	25 ⁺	-	175
Student Centred Activities # (including Ecology and Environmental Awareness Camp)		-	-	4	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		20	-	20	150	200	600	-	225	-	1175

⁺ 25 marks for comprehensive viva by external examiner during or immediately after the examination. The students will show all the drawing sheets/jobs prepared during the semester at the time of viva voce examination of Engineering Drawing/Workshop Practice

* Common with other diploma programmes

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

THIRD SEMESTER (INFORMATION TECHNOLOGY) wef 2008-09

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1	Operating System	5	-	2	25	25	100	3	50	3	200
3.2	Data Structure using C	4	-	4	25	25	100	3	50	3	200
3.3	Computer System Organization and Architecture	5	-	-	50	-	100	3	-	-	150
3.4	Data Communication	4	-	-	50	-	100	3	-	-	150
3.5	Computer Workshop	-	-	6	-	50	-	-	100	3	150
3.6	PC Software	2	-	4	25	25	100	3	50	3	200
Student Centred Activities #		-	-	4	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		20	-	20	175	175	500	-	250	-	1100

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

FOURTH SEMESTER (INFORMATION TECHNOLOGY) wef 2007-08

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
4.1	Computer based Print technologies	3	-	3	25	25	100	3	50	3	200
4.2	Object oriented Programming using C++	4	-	4	25	25	100	3	50	3	200
4.3	Computer Network	4	-	2	25	25	100	3	50	3	200
4.4	Internet and Web Designing	2	-	4	25	25	100	3	50	-	200
4.5	Computer Peripherals	3	-	4	25	25	100	3	50	3	200
4.6	Entrepreneurship Development and Management	4	-	-	50	-	100	3	-	-	150
Student Centred Activities # (including Entrepreneurial Awareness Camp)		-	-	3	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		20	-	20	175	175	600		250	-	1200

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

FIFTH SEMESTER (INFORMATION TECHNOLOGY) wef 2008-09

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
5.1	Relational Data base management system	4	-	3	25	25	100	3	50	3	200
5.2	Visual Basic	2	-	4	25	25	100	3	50	3	200
5.3	Management Information System (MIS)	4	-	-	50	-	100	3	-	-	150
5.4	Elective- I*	3	-	3	25	25	100	3	50	3	200
5.5	Multimedia Applications	3	-	6	25	25	100	3	50	3	200
5.6	Minor Project	-	-	4	-	100	-	-	100	3	200
Student Centred Activities # (including Generic Skill Development Camp-I)		-	-	4	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		16	-	24	150	250	500	-	300	-	1200

Student Centred Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

- * a) Network Operating System Using LINUX
b) . Net Technologies
c) Visual C++

SIXTH SEMESTER (INFORMATION TECHNOLOGY) wef 2008-09

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Software Engineering	4	-	-	50	-	100	3	-	-	150
6.2	E- Commerce	4	-	-	50	-	100	3	-	-	150
6.3	Java Programming	4	-	4	25	25	100	3	50	3	200
6.4	Elective- II *	4	-	-	50	-	100	3	-	-	150
6.5	Computer based Accounting	3	-	4	25	25	100	3	50	3	200
6.6	Major Project	-	-	8	-	100	-	-	200	-	300
Student Centred Activities (including Generic Skill Development Camp-II)		-	-	5	-	30	-	-	-	-	30
Discipline		-	-	-	-	20	-	-	-	-	20
Total		19	-	21	200	200	500	-	300	-	1200

* This semester is completely devoted to training and project work by the students in industry.

6.4 (a) Data mining and ware housing

6.4 (b) Mobile Communication

6.4 (c) Network Security