

DIPLOMA IN COMPUTER ENGINEERING

Programme Structure TO BE IMPLEMENTED FROM YEAR 2014-15 (180S-GS1)

Course Code	Course Name	Compulsory/ Optional	Pre- Requisite	Teaching Scheme			Total Credits	Examination Scheme										Class Declarati	
				L	P	T		C	TH		PA	TW		PR		OR			Total Marks
									Min	Max		Max	Min	Max	Min	Max	Min		
LEVEL-1:																			
HU181	ENGLISH	Compulsory	-	2	2	0	4	28	80	20	10	25	NA	NA	NA	NA	125	No	
HU182	COMMUNICATION SKILLS	Compulsory	-	2	2	0	4	28	80	20	NA	NA	NA	NA	10	25	125	No	
SC181	APPLIED MATHEMATICS - I	Compulsory	-	3	0	1	4	28	80	20	NA	NA	NA	NA	NA	NA	100	No	
SC182	APPLIED MATHEMATICS - II	Compulsory	-	3	0	1	4	28	80	20	NA	NA	NA	NA	NA	NA	100	No	
SC183	ENGINEERING PHYSICS	Compulsory	-	3	2	0	5	28	#80	20	NA	NA	20	50	NA	NA	150	No	
5	Level Total			13	6	2	21	140	400	100	10	25	20	50	10	25	600		
LEVEL-2: A																			
CM281	COMPUTING ESSENTIALS	Compulsory	-	3	2	0	5	14	40	10	10	25	10	25	NA	NA	100	No	
CM282	PROGRAMMING IN C	Compulsory	-	3	2	1	6	28	80	20	10	25	20	50	NA	NA	175	No	
CM283	COMPUTER WORKSHOP	Compulsory	-	0	4	0	4	NA	NA	NA	20	50	NA	NA	10	25	75	No	
CM284	LINUX BASICS	Compulsory	-	1	2	0	3	NA	NA	NA	10	25	20	50	NA	NA	75	No	
CM285	WEB DESIGNING USING HTML	Compulsory	-	1	2	0	3	NA	NA	NA	10	25	20	50	NA	NA	75	No	
EE283	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Compulsory	-	3	2	0	5	28	80	20	10	25	NA	NA	10	25	150	No	
ET284	FUNDAMENTALS OF ELECTRONICS	Compulsory	-	3	2	0	5	28	80	20	10	25	NA	NA	10	25	150	No	
7	Sub Total			14	16	1	31	98	280	70	80	200	70	175	30	75	800		
LEVEL-2: B																			
CM288	COMPUTER ORGANISATION	Optional	-	3	0	0	3	28	80	20	NA	NA	NA	NA	NA	NA	100	No	
SC282	ENGINEERING MATHEMATICS	Optional	-	2	0	1	3	28	80	20	NA	NA	NA	NA	NA	NA	100	No	
1	Sub Total			3	0	0	3	28	80	20	0	0	0	0	0	0	100		
Level Total			17	16	1	34	126	360	90	80	200	70	175	30	75	900			
LEVEL-3:																			
CM381	OPERATING SYSTEMS	Compulsory	-	4	2	0	6	28	80	20	10	25	NA	NA	10	25	150	Yes	
CM382	MICROPROCESSOR PROGRAMMING	Compulsory	-	4	2	0	6	28	80	20	10	25	10	25	NA	NA	150	No	
CM383	COMPUTER GRAPHICS USING C	Compulsory	-	3	2	0	5	28	80	20	10	25	10	25	NA	NA	150	No	
CM384	COMPUTER PERIPHERALS AND HARDWARE MAINTENANCE	Compulsory	-	3	2	0	5	14	40	10	10	25	10	25	NA	NA	100	No	
CM385	DIGITAL TECHNIQUES	Compulsory	-	4	2	0	6	28	80	20	10	25	10	25	NA	NA	150	No	

MA487	MANAGEMENT INFORMATION SYSTEM	Optional	-	3	0	0	3	28	80	20	NA	NA	NA	NA	NA	NA	100	No
1	Sub Total			3	0	0	3	28	80	20	0	0	0	0	0	0	100	
LEVEL-4: D - N																		
NC481	DEVELOPMENT OF SOFT SKILLS - I	Compulsory	-	0	2	0	2	NA	NA	NA	10	25	NA	NA	NA	NA	25	No
NC482	DEVELOPMENT OF SOFT SKILLS - II	Compulsory	-	0	2	0	2	NA	NA	NA	10	25	NA	NA	NA	NA	25	No
2	Sub Total			0	0	0	0	0	0	0	20	50	0	0	0	0	50	
Level Total			24	22	2	48	210	600	200	130	325	60	150	30	75	1350		
LEVEL-5: A																		
CM581	TERMINAL EQUIPMENT APP DEVELOPMENT USING ANDROID F	Optional	-	2	4	0	6	14	40	10	20	50	20	50	NA	NA	150	Yes
CM582	WINDOWS PROGRAMMING	Optional	-	2	2	2	6	14	40	10	20	50	20	50	NA	NA	150	Yes
CM583	WEB TECHNOLOGY USING JAVASCRIPT	Optional	-	2	4	0	6	14	40	10	20	50	20	50	NA	NA	150	Yes
CM584	MULTIMEDIA TECHNIQUES	Optional	-	2	4	0	6	14	40	10	20	50	20	50	NA	NA	150	Yes
2	Sub Total			4	6	2	12	28	80	20	40	100	40	100	0	0	300	
LEVEL-5: B																		
CM585	SCRIPTING TECHNOLOGY USING JSP	Optional	-	4	2	0	6	28	80	20	10	25	NA	NA	10	25	150	Yes
CM586	NETWORK MANAGEMENT AND ADMINISTRATION	Optional	-	4	2	0	6	28	80	20	10	25	NA	NA	10	25	150	Yes
CM587	SYSTEMS PROGRAMMING	Optional	-	4	2	0	6	28	80	20	10	25	NA	NA	10	25	150	Yes
CM588	ADVANCED DATABASE MANAGEMENT SYSTEM	Optional	-	4	2	0	6	28	80	20	10	25	NA	NA	10	25	150	Yes
2	Sub Total			8	4	0	12	56	160	40	20	50	0	0	20	50	300	
Level Total			12	10	2	24	84	240	60	60	150	40	100	20	50	600		
Total Credits			98	72	10	180	798	2280	620	370	925	260	650	110	275	4750		

Legends : L- Lecture, P- Practical, T- Tutorial, C- Credits , PR- Practical Exam, OR- Oral Exam, Each Lecture/Practical period is of one hour;

Details About 180S-GS1 Structure

Total Credits	180
Total No. Courses	36+2(Non Credit Courses)
No of Courses with Theory Examination	31
No. of Courses with Practical/Oral Examination	18
No. of Courses without Theory Examination	6+2(Non Credit Courses)
Total Marks	4750
Marks For Class Declaration	1500
Theory Paper Marks for Class Declaration	850
Theory:Practical Ratio as per Credits	54:46
Theory:Practical Ratio as per Marks	61:39
Class Declaration Courses	10