

Diploma in Computer Science & Engineering (DCSE) Syllabus

First Semester

Sl	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	G1 01	Communication Skills-I	3	-	2	5
2	G1 02	Value and Ethics in Technical Education	-	1	1	2
3	G1 03	Engineering Mathematics-I	4	1	-	5
4	G1 04	Applied Physics	3	-	2	5
5	G1 05	Applied Chemistry	3	-	2	5
6	G2 02	Computer Fundamentals & Applications	2	-	4	6
Total						28

Second Semester

Sl	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	G2 01	Communication Skills-II	3	1	-	4
2	G2 03	Engineering Drawing	2	-	6	8
3	G2 07	Engineering Mathematics-I I	4	1	-	5
4	CSE2 01	Fundamentals of Electrical & Electronics	3	-	2	5
5	CSE2 02	Computer Center Management	3	1	-	4
6	CSE4 06	Programming in C	2	-	3	5
Total						31

Third Semester

SI	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	G3 03	Engineering Economics	3	2	-	5
2	CSE4 02	Electronics Workshop	1	-	3	4
3	CSE4 03	Data Structure	3	1	2	6
4	CSE4 05	Operating System	4	1	-	5
5	CSE4 07	Network Essentials	3	2	1	6
6	CSE5 05	Object Oriented Programming in C++	2	1	3	6
Total						32

Fourth Semester

SI	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	G304	Marketing Management	3	2	-	5
2	CSE4 04	Computer Architecture	3	1	2	6
3	CSE4 08	Database Management System	4	1	2	7
4	CSE5 02	Linux O.S.	3	-	2	5
5	CSE5 07	Multimedia Technology & Application	3	-	3	6
6	CSE5 08	Programming in Visual Basic	3	1	2	6
Total						35

Fifth Semester

SI	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	CSE4 01	Software Engineering	3	1	-	4
2	CSE5 01	MP & Programming	3	1	2	6
3	CSE5 03	Client Server Applications	3	1	2	6
4	CSE5 04	System Software	3	1	2	6
5	CSE5 06	Web Page Design	2	1	3	6
Total						28

Sixth Semester

SI	Course Code	Paper	Teaching Scheme			Credit
			L	T	P	
1	G5 01	Entrepreneurship Development	4	2	-	6
2	CSE5 09	Project	2	-	8	10
Networking Technology						
3	CSE6 01N	Computer Networks	4	2	1	7
4	CSE6 02N	Network Installation & Management	4	-	2	6
5	CSE6 03N	Wireless and Mobile communication	4	2	1	7
6	IBT 01	Industrial Training of six week duration				10
Total						46