

School of Computer Science & IT, DAVV

Scheme for Session : July-December, 2017

NOTE: For the subjects of 6 credits, minor project/ case study is compulsory.

MCA I (3 Years) +MCA I (Integrated) + BCA (Hons.) VII

Sub. Code	Subject	L	T	P	C	Inter nal	Practical /Project	End Sem	Total
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100
CS-5511	Operating Systems	3	1	2	5	30	20	50	100
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100
CS-4809A	Comprehensive Viva				4				100
Total					27				

MCA III & MCA III (Int.)

Sub. Code	Subject	L	T	P	C	Inter nal	Practic al/Proj ect	End Sem	Total
CS-4408	Database Application and Tools	3	1	4	6	30	20	50	100
CS-5613	Computer Networks	3	1	0	4	40	-	60	100
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100
IC-4917	Accounting and Financial Systems	2	1	0	3	40	-	60	100
CS-5809A	Comprehensive Viva				4				100
Total					27				

MCA V & MCA V (Int.)

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total
CS-5216	Design and Analysis of Algorithms	3	1	2	5	30	20	50	100
CS-6623	Mobile and Wireless Systems	3	1	0	4	40	-	60	100
CS-4409	Enterprise Resource Planning	3	1	0	4	40	-	60	100
CS-5512	Compiler Design	3	1	2	5	30	20	50	100
CS-5309	Object Oriented Analysis & Design	3	1	2	5	30	20	50	100
CS-6809	Comprehensive Viva				4				100
Total					27				

M.Sc. (CS) + M.Sc.(IT) I

Sub. Code	Subject	L	T	P	C	Internal	Practical/ Project	End Sem	Total
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100
CS-5511	Operating Systems	3	1	2	5	30	20	50	100
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100
CS-4809A	Comprehensive Viva				4				100
Total					27				

M.Sc. (CS) + M.Sc.(IT) III

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total
CS-5613	Computer Networks	3	1	0	4	40	-	60	100
CS-4408	Database Application and Tools	3	1	4	6	30	20	50	100
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100
CS-4508	Computer Graphics and Multimedia	3	1	2	5	30	20	50	100
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100
CS-1905A	English Language Lab	0	0	2	1	50	50		100
CS-5809A	Comprehensive Viva				4				100
Total					30				

MBA(CM) I

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100
CS-5511	Operating Systems	3	1	2	5	30	20	50	100
CS-4121	Mathematical Foundation of Computer Science	3	1	0	4	40	-	60	100
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100
CS-4809A	Comprehensive Viva				4				100
Total					27				

MBA(CM) III

Code	Subject	L	T	P	C	Internal	Practical/ Project	End Sem	Total
CS-5613	Computer Networks	3	1	0	4	40	0	60	100
CS-4408	Database Application and Tools	3	1	4	6	30	20	50	100
CS-5616	E- Commerce	3	1	0	4	40	-	60	100
CS-4409A	Introduction to Enterprise Resource Planning	3	1	2	5	30	20	50	100
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100
CS-5809A	Comprehensive Viva				4				100
Total					29				

BCA I

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total
CS-1101	Mathematics – I	3	1	0	4	40	-	60	100
CS-1103	Physics - I	3	1	0	4	40	-	60	100
IC-1924	Hindi Language	3	1	0	4	40	-	60	100
CS-1201	Fundamentals of programming and Problem Solving through C - I	3	1	4	6	30	20	50	100
CS-1019	Basic Electricals & Electronics	3	1	2	5	30	20	50	100
CS-1905A	English Language Lab	0	0	2	1	50	50	0	100
CS-1809A	Comprehensive Viva				4				100
Total					28				

BCA III

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total
CS-2111	Mathematics-III	3	1	0	4	40	-	60	100
CS-3207	Object Oriented Programming through C++ - I	3	1	2	5	30	20	50	100
CS-2021	Digital Electronics	3	1	2	5	30	20	50	100
CS-2222	Data Structure and Algorithms	3	1	2	5	30	20	50	100
IC-3913	Financial Accounting	3	1	0	4	40	-	60	100
CS-2809A	Comprehensive Viva				4				100
Total					27				

BCA V

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total
CS-2302	System Analysis & Design	2	1	2	4	30	20	50	100
CS-3604	Data and Computer Communication	3	1	2	5	30	20	50	100
CS-2402	Introduction to DBMS(SQL& PLSQL)	3	1	2	5	30	20	50	100
CS-1003	Digital Logic and Computer Organization	3	1	2	5	30	20	50	100
IC-2928	Principles and Practice of Management	3	1	0	4	40	-	60	100
CS-3801A	Project(using database and web skills)				2		100		100
CS-2809B	Comprehensive Viva				4				100
Total					29				

School of Computer Science & IT, DAVV

Scheme for Session : July-December, 2017

M.Tech. (CS) I

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total
CS-5010	Advanced Computer Architecture	3	1	2	5	30	20	50	100
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100
CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100
CS-6809A	Comprehensive Viva				4				100
Total					33				

M.Tech. (Network Management & Information Security) I

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total
CS-5615	Information Security	3	1	2	5	30	20	50	100
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100
CS-6622	Advanced Computer Network	3	1	2	5	30	20	50	100
CS-6624	Network Management	3	1	4	6	30	20	50	100
	Elective-I								100
CS-6809A	Comprehensive Viva				4				100

Elective-I may be opted from following subjects:

CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100
CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100

M.Tech. (Information Architecture & Software Engineering) I

Sub. Code	Subject	L	T	P	C	Inter	Practic	End	Total
CS-7314	Information Architecture	3	1	2	5	30	20	50	100
CS-6317	Advanced Software Engineering	3	1	4	6	30	20	50	100
CS-6316	Information System Design	3	1	2	5	30	20	50	100
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100
	Elective-I*								100
CS-6809A	Comprehensive Viva				4				100

***Elective-I may be opted from following subjects:**

CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100