

School of Computer Science & IT, DAVV
SCHEME Jan-May 2018

Effective From: Jan, 2018

MCA II (3 Years)

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-4209	Data Structures Using C++	3	1	2	5	30	20	50	100	Ms. Deepika Rai+ Dr. Sanjay Tanwani (1hr.)
CS-4405	Database Management System	3	1	4	6	30	20	50	100	Ms. Chaitali Uikey+ Dr. Sanjay Tanwani(1hr.)
CS-4305	Software Engineering	3	1	0	4	40	-	60	100	Dr. Ugrasen Suman
CS-4008	Computer Architecture	3	1	2	5	30	20	50	100	Mr. Devesh K Lal
IC-4915	Organization and Management Concepts	3	1	0	4	40	-	60	100	Ms. Jyoti Jadhvani
CS-4809B	Comprehensive Viva				4			100	100	
Total					28					

MCA - (3 years) + MCA(Integrated)+MCA(Lateral Entry) IV

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Dr. Nitin Uikey
CS-5617	Internet & Web Technology	3	1	4	6	30	20	50	100	Mr. Mohit Varma
CS-5701	Artificial Intelligence	3	1	2	5	30	20	50	100	Dr. Archana Thakur
CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100	Dr. Shraddha Masih
IC-3912	Professional and Social Issues in IT	1	0	0	1	40	-	60	100	Dr. Nitin Uikey
CS-1905A	English Language Lab	0	0	2	1	50	50	-	100	Ms. Sunita Gaur
CS-5805B	Project				6			100	100	Mr. Mohit Varma
CS-5809B	Comprehensive Viva				4			100	100	
Total					34					

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MCA VI (3 Years)

Sub. Code	Subject Name	Ma rks	Cre dits	Faculty
CS-5805C	Project	100	12	Mr. Chetan Awasthi + Dr. Ajay Tiwari
Total			12	

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M.Sc.(CS)+M.Sc.(IT)-II

Sub. Code	Subject Name	L	T	P	C	Inter	Practica	End	Total	Faculty
CS-4209	Data Structures Using C++	3	1	2	5	30	20	50	100	Dr. Shraddha Masih+ Dr. Sanjay Tanwani(1hr.)
CS-4405	Database Management System	3	1	4	6	30	20	50	100	Ms. Tarjani Sevak+ Dr. Sanjay Tanwani
CS-4305	Software Engineering	3	1	0	4	40	-	60	100	Dr. Archana Thakur
CS-4008	Computer Architecture	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar
IC-4915	Organization and Management Concepts	3	1	0	4	40	-	60	100	Ms. Jyoti Jadhvani
CS-4809B	Comprehensive Viva				4			100	100	
Total					28					

M.Sc.(CS)+M.Sc.(IT)-IV

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-4517	Linux/UNIX Administration	3	1	2	5	30	20	50	100	Mr. Chetan Awasthi
CS-5512	Compiler Design	3	1	2	5	30	20	50	100	Mr. Hitesh Ninama
CS-5617	Internet & Web Technology	3	1	4	6	30	20	50	100	Mr. Mohit Varma
CS-5216	Design and Analysis of Algorithms	3	1	2	5	30	20	50	100	Dr. Deepak Abhaykar
IC-3912	Professional and Social Issues in IT	1	0	0	1	40	-	60	100	Dr. Nitin Uikey
CS-5805B	Project				6			100	100	Ms. Sunita Gaur
CS-5809B	Comprehensive Viva				4			100	100	
Total					32					

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MBA(CM) II

Sub. Code	Subject Name	L	T	P	C	Internal	Practical/ Project	End Sem	Total	Faculty
CS-4209	Data Structures Using C++	3	1	2	5	30	20	50	100	Dr. Shraddha Masih+ Dr. Sanjay Tanwani(1hr.)
CS-4405	Database Management System	3	1	4	6	30	20	50	100	Ms. Tarjani Sevak+ Dr. Sanjay Tanwani
CS-4305	Software Engineering	3	1	0	4	40	-	60	100	Dr. Archana Thakur
CS-4008	Computer Architecture	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar
IC-4915	Organization and Management Concepts	3	1	0	4	40	-	60	100	Ms. Jyoti Jadhvani
CS-4809B	Comprehensive Viva				4			100	100	
Total					28					

MBA(CM) IV

Sub. Code	Subject Name	L	T	P	C	Internal	Practical/ Project	End Sem	Total	Faculty
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Dr. Nitin Uikey
CS-4422	ERP Applications	3	1	4	6	30	20	50	100	Dr. Archana Thakur
CS-5617	Internet & Web Technology	3	1	4	6	30	20	50	100	Mr. Mohit Varma
IC-3912	Professional and Social Issues in IT	1	0	0	1	40	-	60	100	Dr. Nitin Uikey
CS-5805B	Project on ERP				6			100	100	Dr. Archana Thakur
CS-5809B	Comprehensive Viva				4			100	100	
Total					28					

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BCA II

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
IC-1905	English Language and Composition	3	1	0	4	40	-	60	100	VF-Mr. Rahul Mahashabde
CS-1202	Programming and Problem Solving Using C - II	3	1	2	5	30	20	50	100	Ms. Chaitali Uikey
CS-1102	Mathematics- II	3	1	0	4	40	-	60	100	Ms. Deepika Rai
CS-2020	Electronic Circuits	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap
CS-1501	Operating System Basics & PC Packages	2	1	2	4	30	20	50	100	Ms. Shail Uikey
CS-1809B	Comprehensive Viva				4			100	100	
Total					26					

BCA IV

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-3006	Microprocessor and Assembly Language programming	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar + Dr. Sanjay Tanwani(1hr.)
CS-3206	Database Programming using VB	2	0	4	4	30	20	50	100	Ms. Tarjani Sevak
CS-3210	JAVA Programming	3	1	2	5	30	20	50	100	Dr. Ajay Tiwari
CS-2133	Statistics & Probability	3	1	0	4	40	-	60	100	Ms. Sunita Gaur
CS-1905B	English Language Lab2	0	0	2	1	50	50	-	100	Ms. Sunita Gaur
IC-2927	Environmental Awareness	3	1	0	4	40	-	60	100	VF-Mr. Rana Pratap Singh
CS-3801A	Mini Project			4	2	50	-	50	100	Mr. Himanshu Kamal + Ms. Shail Uikey
CS-2809B	Comprehensive Viva				4			100	100	
Total					29					

Note: Java replaced in place of Intro. To Information Systems which will be taught in VI Semester

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BCA VI

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-2502	Fundamentals of Operating Systems	3	1	2	5	30	20	50	100	Mr. Himanshu Kamal Verma
CS-3505	Computer Graphics and Multimedia Fundamentals	2	1	2	4	30	20	50	100	Ms. Pritika Bahad
CS-3210	JAVA Programming	3	1	2	5	30	20	50	100	Mr. K. L. Suryawanshi
IC-3929	Entrepreneurship	3	1	0	4	40	-	60	100	VF- Dr. Ajay Chabbariya
CS-3801B	Project				4	50	-	50	100	Ms. Pritika Bahad
CS-3809B	Comprehensive Viva				4			100	100	
Total					26					

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M.Tech.(Computer Science) II

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-6418	Advanced Database Management Systems	3	1	4	6	30	20	50	100	Dr. Sanjay Tanwani
CS-6517	Advanced Compiler Design	3	1	2	5	30	20	50	100	Dr. Maya Ingle
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Mr. Chetan Awasthi
CS-6711	Soft Computing	3	1	4	6	30	20	50	100	Ms. Pritika Bahad
	Elective-I								100	
CS-6809B	Comprehensive Viva				4			100	100	

M.Tech(CS)-II students are free to opt Elective subject from the list of elective

List of Electives for M.Tech. (CS) Semester II

Code	Subject	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-6313	Software Testing & Quality Assurance	3	1	2	5	30	20	50	100	Mr. Himanshu Kamal Verma(2hrs.)+ Sanjay Tanwani(2hrs.) Dr.
CS-6712	Data Science	3	1	4	6	30	20	50	100	Dr. Deepak Abhaynkar
CS-6623	Mobile & Wireless Systems	3	1	2	5	30	20	50	100	Dr. Preeti Saxena
CS-6630	Internet of Things	3	1	4	6	30	20	50	100	Dr. Preeti Saxena

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

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS-6628	Legal Aspects of Information Security	3	1	0	4	40	-	60	100	Mr. Hitesh Ninama
CS-5618	Network Security	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap
CS-6623	Mobile & Wireless Systems	3	1	2	5	30	20	50	100	Dr. Preeti Saxena
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Mr. Chetan Awasthi
CS-6630	Internet of Things	3	1	4	6	30	20	50	100	Dr. Preeti Saxena
CS-6809B	Comprehensive Viva				4			100	100	
CS-6517	Advanced Compiler Design	3	1	2	5	30	20	50	100	Dr. Maya Ingle

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

Sub. Code	Subject Name	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty
CS -6313	Software Testing & Quality Assurance	3	1	2	5	30	20	50	100	Mr. Himanshu Kamal Verma(2hrs.)+ Dr.Sanjay Tanwani(2hrs.)
CS-6418	Advanced Database Management Systems	3	1	4	6	30	20	50	100	Dr. Sanjay Tanwani
CS- 6316	Software Reuse & Customization	3	1	2	5	30	20	50	100	Dr. Ugrasen Suman
CS-6712	Data Science	3	1	4	6	30	20	50	100	Dr. Deepak Abhaynkar
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Mr. Chetan Awasthi
CS-6809B	Comprehensive Viva				4			100	100	

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M.Tech.(Computer Science) IV

Sub. Code	Subject Name	Marks	Credits
CS-6807B	M.Tech. Project Phase – II	100	12
Total			12

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

Sub. Code	Subject Name	Marks	Credits
CS-6807B	M.Tech. Project Phase – II	100	12
Total			12

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

Sub. Code	Subject Name	Marks	Credits
CS-6807B	M.Tech. Project Phase – II	100	12
Total			12

*** NOTE:**

The evaluation scheme for M.Tech. Project Phase - II comprises of :

Coding/ Experimentation	50 Marks (Internal Examiner)
Dissertation Writing	
Presentation + Report + Final Viva	50 Marks (External Examiner)
Total	100 Marks