

School of Computer Science & IT, DAVV
Scheme & Subject Allocation for Session : July-December, 2018

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

MCA I (3 Years) +MCA I (Integrated)

Effective From: July, 2018

Sub. Code	Subject	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty Name
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100	Mr. Mohit Varma
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Mr. Himanshu Kamal Verma
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100	Ms. Deepika Rai
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	VF: Ms. Jyoti Jadhvani (9926465680)
CS-4809A	Comprehensive Viva				4				100	
Total					27					

BCA (Hons.) VII

Effective From: July, 2018

Sub. Code	Subject	L	T	P	C	Internal	Practical /Project	End Sem	Total	Faculty Name
CS-5713	Data Analytics using R*	3	1	4	6	30	20	50	100	Dr. Deepak Abhyankar
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100	Mr. Mohit Varma
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Mr. Himanshu Kamal Verma
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100	Ms. Deepika Rai
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	VF: Ms. Jyoti Jadhvani (9926465680)
CS-4809A	Comprehensive Viva				4				100	
Total					28					

* Students of BCA(Hons.)VII Sem opted for advance subject taught in MSc(CS)-III Semester in place of CS-4022. All other subjects are same as MCA-I semester.

MCA III & MCA III (Int.)

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty Name
CS-4408	Database Application and Tools	3	1	4	6	30	20	50	100	Dr. Nitin Uikey
CS-5613	Computer Networks	3	1	0	4	40	-	60	100	Dr . Ajay Tiwari
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100	Dr. Mrs. Maya Ingle
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100	Mr. Mohit Varma
IC-4917	Accounting and Financial Systems	2	1	0	3	40	-	60	100	VF: Ms. Jyoti Jadhvani (9926465680)
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	Faculty Name
CS-5216	Design and Analysis of Algorithms	3	1	2	5	30	20	50	100	Dr. Deepak Abhyankar
CS-6623	Mobile and Wireless Systems	3	1	0	4	40	-	60	100	Dr. Preeti Saxena
CS-4409	Enterprise Resource Planning	3	1	0	4	40	-	60	100	Dr. Archana Thakur
CS-5512	Compiler Design	3	1	2	5	30	20	50	100	Mr. Hitesh Ninama
CS-5309	Object Oriented Analysis & Design	3	1	2	5	30	20	50	100	Dr. Ugrasen Suman
CS-6809	Comprehensive Viva				4				100	
Total					27					

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

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total	Faculty Name
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100	Mr. Devesh K. Lal
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100	Mr. K.L. Suryawanshi
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Ms. Deepika Rai
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100	Ms. Sunita Gaur
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	VF- Mr. Rahul Mahashabde (9425373411)
CS-4809A	Comprehensive Viva				4				100	
Total					27					

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

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty Name
CS-5613	Computer Networks	3	1	0	4	40	-	60	100	Dr. Ajay Tiwari
CS-5713	Data Analytics using R*	3	1	4	6	30	20	50	100	Dr. Deepak Abhyankar
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100	Ms. Chaitali Uikey
CS-4508	Computer Graphics and Multimedia	3	1	2	5	30	20	50	100	Ms. Pritika Bahad
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi
CS-1905A	English Language Lab	0	0	2	1	50	50		100	Ms. Sunita Gaur
CS-5809A	Comprehensive Viva				4				100	
Total					30					

* CS-5713 Data Analytics using R is offered under CBCS Elective Generic Course and students of School of Statistics have opted for this subject.

MBA(CM) I

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty Name
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar
CS-4205	Programming and Problem Solving Using C	3	1	4	6	30	20	50	100	Mr. K.L. Suryawanshi
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Ms. Deepika Rai
CS-4121	Mathematical Foundation of Computer Science	3	1	0	4	40	-	60	100	Ms. Sunita Gaur
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	VF- Mr. Rahul Mahashabde (9425373411)
CS-4809A	Comprehensive Viva				4				100	
Total					27					

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MBA(CM) III

Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty Name
CS-5613	Computer Networks	3	1	0	4	40	0	60	100	Dr. Ajay Tiwari (Combined with M.Sc.(CS)III)
CS-4408	Database Application and Tools	3	1	4	6	30	20	50	100	Dr. Nitin Uikey (Combined with MCA III)
CS-5616	E- Commerce	3	1	0	4	40	-	60	100	Ms. Shail Uikey
CS-4409A	Introduction to Enterprise Resource Planning	3	1	2	5	30	20	50	100	Dr. Archana Thakur (Combined with MCA V)
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi (Combined with M.Sc.(CS)III)
CS-5809A	Comprehensive Viva				4				100	
Total					29					

BCA I (BATCH-A)

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total	Faculty Name
CS-1101	Mathematics – I	3	1	0	4	40	-	60	100	VF: Ms. Shazia Umar (7000483469/ 9713231744)
CS-1103	Physics - I	3	1	0	4	40	-	60	100	VF: Ms. Kavita Ambwani(9981540480)
IC-1924	Hindi Language	3	1	0	4	40	-	60	100	VF: Ms. Lata Suchdev (9131379395)
CS-1201	Fundamentals of programming and Problem Solving through C - I	3	1	4	6	30	20	50	100	Ms. Pritika Bahad
CS-1019	Basic Electricals & Electronics	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap
CS-1905A	English Language Lab	0	0	2	1	50	50	0	100	Ms. Sunita Gaur
CS-1809A	Comprehensive Viva				4				100	
Total					28					

BCA I(BATCH-B)

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total	Faculty Name
CS-1101	Mathematics – I	3	1	0	4	40	-	60	100	VF-Sonam Kanodiya (7415115579)
CS-1103	Physics - I	3	1	0	4	40	-	60	100	VF: Ms. Kavita Ambwani(9981540480)
IC-1905	English Language and Composition	3	1	0	4	40	-	60	100	VF-Mr.Pankaj Badjatya (9827092327/7974756852)
CS-1201	Fundamentals of programming and Problem Solving through C - I	3	1	4	6	30	20	50	100	Mr. Himanshu Kamal Verma
CS-1019	Basic Electricals & Electronics	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap
CS-1905A	English Language Lab	0	0	2	1	50	50	0	100	Ms. Sunita Gaur
CS-1809A	Comprehensive Viva				4				100	
Total					28					

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BCA III

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total	Faculty Name
CS-2111	Mathematics-III	3	1	0	4	40	-	60	100	VF: Ms. Shazia Umar (7000483469/ 9713231744)
CS-3207	Object Oriented Programming through C++ - I	3	1	2	5	30	20	50	100	Ms. Tarjani Sevak
CS-2021	Digital Electronics	3	1	2	5	30	20	50	100	Ms. Shail Uikey
CS-2222	Data Structure and Algorithms	3	1	2	5	30	20	50	100	Dr. Shraddha Masih
IC-3913	Financial Accounting	3	1	0	4	40	-	60	100	VF-Ms. Kratika Pahuja (9602801300)/ 9753001202
CS-2809A	Comprehensive Viva				4				100	
Total					27					

BCA V

Sub. Code	Subject	L	T	P	C	Internal	Practical/Proj	End Sem	Total	Faculty Name
CS-2302	System Analysis & Design	2	1	2	4	30	20	50	100	Mr. K. L. Suryawanshi
CS-3604	Data and Computer Communication	3	1	2	5	30	20	50	100	Ms. Chaitali Uikey
CS-2402	Introduction to DBMS(SQL& PLSQL)	3	1	2	5	30	20	50	100	Ms. Tarjani Sevak
CS-2023	Computer Organization and Hardware Maintenance	3	1	2	5	30	20	50	100	Mr. Shantilal Dawar
IC-2928	Principles and Practice of Management	3	1	0	4	40	-	60	100	VF: Dr. Ajay Chhabariya (9977246642)
CS-3801A	Project(using database and web skills)				2		100		100	Mr. Shantilal Dawar + Mr. Himanshu Kamal Verma
CS-2809B	Comprehensive Viva				4				100	
Total					29					

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School of Computer Science & IT, DAVV

Scheme for Session : July-December, 2018

M.Tech. (Computer Science) I

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

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

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty Name
CS-5615	Information Security	3	1	2	5	30	20	50	100	Mr. Hitesh Ninama
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi
CS-6622	Advanced Computer Network	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap
CS-6624	Network Management	3	1	4	6	30	20	50	100	Dr. Preeti Saxena
	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	Dr. Deepak Abhaykar
CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100	Dr. Shraddha Masih
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100	Dr. Sanjay Tanwani

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

Sub. Code	Subject	L	T	P	C	Internal	Practical/Project	End Sem	Total	Faculty name
CS-7314	Information Architecture	3	1	2	5	30	20	50	100	Dr. Archana Thakur
CS-6315	Advanced Software Engineering	3	1	4	6	30	20	50	100	Dr. Nitin Uikey
CS-6316	Information System Design	3	1	2	5	30	20	50	100	Dr. Ugrasen Suman
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi
	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	Dr. Shraddha Masih
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100	Dr. Sanjay Tanwani
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100	Dr. Deepak Abhaynkar

M.Tech. (Computer Science) III

Sub. Code	Subject	L	T	P		Marks*	Credits	Faculty Incharge
CS-6807A	M.Tech. Project Phase - I					100	12	Internal guide
Total							12	
M.Tech. (Network Management& Information Security) III								
Sub. Code	Subject	L	T	P		Marks*	Credits	Faculty Incharge
CS-6807A	M.Tech. Project Phase - I					100	12	Internal guide
Total							12	
M.Tech. (Information Architecture & Software Engineering) III								
Sub. Code	Subject	L	T	P		Marks*	Credits	Faculty Incharge
CS-6807A	M.Tech. Project Phase - I					100	12	Internal guide
Total							12	

* NOTE:

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

Literature Review/Requirement Gathering, Design/ Problem Formulation: Internal Guide: Internal Guide	50 Marks
Presentation + Report + Final Viva- External Examiner	50 Marks
Total	100 Marks