

## Contents

BCA 1 <sup>st</sup> Semester – Batch (A) .....	1
BCA 1 <sup>st</sup> Semester – Batch (B) .....	2
BCA 3 <sup>rd</sup> Semester – Batch (A).....	3
BCA 3 <sup>rd</sup> Semester – Batch (B).....	4
BCA 5 <sup>th</sup> Semester – Batch (A).....	5
BCA 5 <sup>th</sup> Semester – Batch (B).....	6
MCA 1 <sup>st</sup> Semester – Batch (A).....	7
MCA 1 <sup>st</sup> Semester – Batch (B).....	8
MCA 1 <sup>st</sup> Semester – Batch (Integrated).....	9
MCA 3 <sup>rd</sup> Semester – Batch (A).....	10
MCA 3 <sup>rd</sup> Semester – Batch (B).....	11
MCA 3 <sup>rd</sup> Semester – Batch (Integrated) .....	12
M.Sc. (CS) 1 <sup>st</sup> Semester/ M.Sc. (IT) 1 <sup>st</sup> Semester .....	13
M.Sc. (CS) 3 <sup>rd</sup> Semester/ M.Sc. (IT) 3 <sup>rd</sup> Semester.....	14
MBA (CM) 1 <sup>st</sup> Semester .....	15
MBA (CM) 3 <sup>rd</sup> Semester.....	16
MTech (CS) 1st Semester.....	17
MTech (NM & IS) 1st Semester.....	18
MTech (SE & IA) 1st Semester .....	19
MTech (CS / NM & IS / SE & IA) 3 <sup>rd</sup> Semester.....	21
MTech (Computer Science) Executive 1st Semester.....	22
MTech (Computer Science) Executive 3rd Semester .....	23
PGDCA 1st Semester .....	24

School of Computer Science & IT

# Course Scheme Odd Semester July- December 2023

Devi Ahilya Vishwa Vidyalaya, Indore

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### BCA 1<sup>st</sup> Semester – Batch (A)

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-3207	Object Oriented Programming Through C++ - I	3	1	-	6	40	-	60	100	Ms. Tarjani Sevak
	Object Oriented Programming Through C++ - I - Practical	-	-	4		-	40	60	100	Ms. Anjali Dhaman
CS-1004	Introduction to Computer Fundamentals	2	1	0	3	40	-	60	100	Ms. Sunita Gaur
CS-1019	Basic Electricals and Electronics	1	1	-	3	40	-	60	100	Ms. Minal Nagar
	Basic Electricals and Electronics - Practical	-	-	2		-	50	50	100	Ms. Minal Nagar
CS-1905A	English Language Lab	-	-	2	2	50	50	-	100	Dr. Preeti Koolwal
IC-1924	Hindi Language	1	1	0	2	40	-	60	100	Dr. Sandhya Prajapati
CS-1101	Mathematics – 1	3	1	0	4	40	-	60	100	Ms. Shazia Umar
Total Credit →					<b>20</b>	Total Marks →			<b>800</b>	

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### BCA 1<sup>st</sup> Semester – Batch (B)

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-3207	Object Oriented Programming Through C++ - I	3	1	-	6	40	-	60	100	Dr. Deepika Rai
	Object Oriented Programming Through C++ - I - Practical	-	-	4		-	40	60	100	Dr. Archana Thakur
CS-1004	Introduction to Computer Fundamentals	2	1	0	3	40	-	60	100	Ms. Sunita Gaur
CS-1019	Basic Electricals and Electronics	1	1	-	3	40	-	60	100	Ms. Minal Nagar
	Basic Electricals and Electronics - Practical	-	-	2		-	50	50	100	Ms. Minal Nagar
CS-1905A	English Language Lab	-	-	2	2	50	50	-	100	Dr. Preeti Koolwal
IC-1905	English Language and Composition	1	1	0	2	40	-	60	100	Dr. Preeti Koolwal
CS-1101	Mathematics – 1	3	1	0	4	40	-	60	100	Ms. Shazia Umar
Total Credit →					<b>20</b>	Total Marks →			<b>800</b>	

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### BCA 3<sup>rd</sup> Semester – Batch (A)

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-2222	Data Structure and Algorithms	3	1	-	6	40	-	60	100	Dr. Shraddha Masih
	Data Structure and Algorithms - Practical	-	-	4		-	40	60	100	Dr. Shraddha Masih
CS-2301	Management Information System	2	0		3	40	-	60	100	Mr. Chetan Awasthi
	Management Information System - Practical	-	-	2		-	50	50	100	Dr. Archana Thakur
CS-2133	Statistics & Probability	2	1	0	3	40	-	60	100	Ms. Sunita Gaur
IC-2929	Financial Accounting Using Tally	3	1	0	4	40	-	60	100	Dr. Ajay Chhabria
IC-2930	Digital Marketing	3	1	0	4	40	-	60	100	Mr. Ashish Joshi
Total Credit →					<b>20</b>	Total Marks →			<b>700</b>	

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**BCA 3<sup>rd</sup> Semester – Batch (B)**

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-2222	Data Structure and Algorithms	3	1	-	6	40	-	60	100	Dr. Deepika Rai
	Data Structure and Algorithms - Practical	-	-	4		-	40	60	100	Dr. Deepika Rai
CS-2301	Management Information System	2	0		3	40	-	60	100	Mr. Chetan Awasthi
	Management Information System - Practical	-	-	2		-	50	50	100	Leena Verma
CS-2133	Statistics & Probability	2	1	0	3	40	-	60	100	Ms. Sunita Gaur
IC-2929	Financial Accounting Using Tally	3	1	0	4	40	-	60	100	Dr. Ajay Chhabria
IC-2930	Digital Marketing	3	1	0	4	40	-	60	100	Mr. Rakesh Khandelwal
Total Credit →					<b>20</b>	Total Marks →			<b>700</b>	

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### BCA 5<sup>th</sup> Semester – Batch (A)

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-3605	Web Technology and Programming	3	1	-	6	40	-	60	100	Ms. Preeti Malviya
	Web Technology and Programming - Practical	-	-	4		-	40	60	100	Ms. Deepti Soni
CS-3604	Data and Computer Communications	3	1	0	4	40	-	60	100	Mr. Pankaj Jagtap
CS-4305	Software Engineering	3	1	0	4	40	-	60	100	Dr. Archana Thakur
CS-3801A	Project	-	-	-	6	-	50	50	100	Mr. K L Suryawanshi
Total Credit →					<b>20</b>	Total Marks →			<b>600</b>	

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### BCA 5<sup>th</sup> Semester – Batch (B)

(According to National Education Policy (NEP-2020))

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-3605	Web Technology and Programming	3	1	-	6	40	-	60	100	Ms. Preeti Malviya
	Web Technology and Programming - Practical	-	-	4		-	40	60	100	Deepti Soni
CS-3604	Data and Computer Communications	3	1	0	4	40	-	60	100	Mr. Pankaj Jagtap
CS-4305	Software Engineering	3	1	0	4	40	-	60	100	Mr. K.L. Suryawanshi
CS-3801A	Project	-	-	-	6	-	50	50	100	Mr. K L Suryawanshi
Total Credit →					<b>20</b>	Total Marks →			<b>600</b>	

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MCA 1<sup>st</sup> Semester – Batch (A)**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4009	Computer Organization and Architecture	3	1	2	5	30	20	50	100	Ms. Deepali Shukla	Ms. Deepali Shukla
CS-4122	Mathematical Foundation for Computer Application	3	1	0	4	40	-	60	100	Dr. Abhilasha Bhagwat	
CS-4209	Data Structures using C++	3	1	4	6	30	20	50	100	Dr. Chaitali Uikey	Dr. Chaitali Uikey
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Dr. Ugrasen Suman	Dr. Ugrasen Suman
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Dr. Jyoti Jadwani	
CS-4809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>27</b>	Total Marks →			<b>600</b>		

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



**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MCA 1<sup>st</sup> Semester – Batch (B)**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4009	Computer Organization and Architecture	3	1	2	5	30	20	50	100	Ms. Deepali Shukla	Ms. Deepali Shukla
CS-4122	Mathematical Foundation for Computer Application	3	1	0	4	40	-	60	100	Mr. Vikas Vishwakarma	
CS-4209	Data Structures using C++	3	1	4	6	30	20	50	100	Ms. Tarjani Sevak	Ms. Tarjani Sevak
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Dr. Ugrasen Suman	Dr. Ugrasen Suman
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Dr. Jyoti Jadwani	
CS-4809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>27</b>	Total Marks →			<b>600</b>		

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### MCA 1<sup>st</sup> Semester – Batch (Integrated)

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4009	Computer Organization and Architecture	3	1	2	5	30	20	50	100	Mr. Ravi Yadav	Mr. Yash Chouhan
CS-4122	Mathematical Foundation for Computer Application	3	1	0	4	40	-	60	100	Dr. Abhilasha Bhagwat	
CS-4209	Data Structures using C++	3	1	4	6	30	20	50	100	Ms. Tarjani Sevak	Mr. Yash Chouhan/ Mr. Ajay Umale
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Mr. Mohit Varma	Ms. Sunita Gaur
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Dr. Bhramjot Bagga	
CS-4809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>27</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MCA 3<sup>rd</sup> Semester – Batch (A)**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-5517	Automata Theory and Compiler Constructions	3	1	2	5	30	20	50	100	Dr. Chaitali Uikey	Dr. Chaitali Uikey
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Dr. Nitin Uikey	Dr. Nitin Uikey
CS-5715	Artificial Intelligence and Machine Learning	3	1	2	5	30	20	50	100	Dr. Deepak Abhyankar	Mr. Ajay Umale
CS-5615	Information Security	3	1	2	5	30	20	50	100		
CS-6630	Internet of Things	3	1	2	5	30	20	50	100	Dr. Preeti Saxena	Dr. Preeti Saxena
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>29</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MCA 3<sup>rd</sup> Semester – Batch (B)**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-5517	Automata Theory and Compiler Constructions	3	1	2	5	30	20	50	100	Mr. Hitesh Ninama	Mr. Hitesh Ninama
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Dr. Nitin Uikey	Dr. Nitin Uikey
CS-5715	Artificial Intelligence and Machine Learning	3	1	2	5	30	20	50	100	Dr. Deepak Abhyankar	Mr. Ajay Umale
CS-5615	Information Security	3	1	2	5	30	20	50	100		
CS-6630	Internet of Things	3	1	2	5	30	20	50	100	Mr. Ravi Yadav	Dr. Preeti Saxena
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>29</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MCA 3<sup>rd</sup> Semester – Batch (Integrated)**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-5517	Automata Theory and Compiler Constructions	3	1	2	5	30	20	50	100	Dr. Maya Ingle	Mr. Hitesh Ninama
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Ms. Minal Nagar	Dr. Nitin Uikey
CS-5715	Artificial Intelligence and Machine Learning	3	1	2	5	30	20	50	100	Dr. Deepak Abhyankar	Mr. Yash Chouhan
CS-5615	Information Security	3	1	2	5	30	20	50	100		
CS-6630	Internet of Things	3	1	2	5	30	20	50	100	Dr. Sanjay Tanwani	Dr. Sanjay Tanwani
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>29</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**M.Sc. (CS) 1<sup>st</sup> Semester/ M.Sc. (IT) 1<sup>st</sup> Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4022	Computer Organization and Assembly Language Programming	3	1	2	5	30	20	50	100	Mr. Pankaj Jagtap	Mr. Pankaj Jagtap
CS-4205	Programming and Problem-Solving Using C	3	1	4	6	30	20	50	100	Mr. K.L. Suryawanshi	Mr. K.L. Suryawanshi
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Mr. Ajay Umale	Mr. Ajay Umale
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100	Dr. Deepika Rai	
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Mr. Alok Dandel	
CS- 4809 A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>27</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**M.Sc. (CS) 3<sup>rd</sup> Semester/ M.Sc. (IT) 3<sup>rd</sup> Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-5613	Computer Networks	3	1	0	4	40	-	60	100	Dr. Preeti Saxena	
CS-5713	Data Analytics using R	3	1	4	6	30	20	50	100	Ms. Deepti Soni	Ms. Deepti Soni
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100	Mr. Hitesh Ninama	
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi	Mr. Yash Chouhan
CS-4508	Computer Graphics and Multimedia	3	1	2	5	30	20	50	100	Ms. Leena Verma	Ms. Leena Verma
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>29</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MBA (CM) 1<sup>st</sup> Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100	Dr. Anand More	Mr. Pankaj Jagtap
CS-4223	Programming and Problem-Solving Using Java	3	1	4	6	30	20	50	100	Mr. K.L. Suryawanshi	Dr. Preeti Saxena
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Dr. Bhavna Sharma	Dr. Nitin Uikey
CS-4601	Web Designing	3	1	2	5	30	20	50	100	Mr. Mohit Varma	Mr. Mohit K Varma/ Mr. Yash Chouhan
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Dr. Bhramjot Bagga	
CS-4809 A	Comprehensive Viva	-	-	-	4	-	-	-	100		
<b>Total Credit →</b>					<b>28</b>	<b>Total Marks →</b>			<b>600</b>		

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



**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MBA (CM) 3<sup>rd</sup> Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
IC-2930	Digital Marketing	3	1	2	5	30	20	50	100	Mr. Ashish Joshi	
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Ms. Anjali Dhaman	Ms. Anjali Dhaman
CS-5620	Web Technology and E-Commerce	3	1	2	5	30	20	50	100	Mr. Mohit Varma	Mr. Mohit K Varma
CS-4411	Introduction to Enterprise Resource Planning	3	1	2	5	30	20	50	100	Dr. Archana Thakur	Dr. Archana Thakur
IC-4917	Accounting and Financial Systems	3	1	0	4	40	-	60	100	Mr. Rakesh Khandelwal	
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>28</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MTech (CS) 1st Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-5010	Advanced Computer Architecture	3	1	2	5	30	20	50	100	Dr. Sanjay Tanwani	Mr. Hitesh Ninama
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi	Mr. Chetan Awasthi
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100	Dr. Priyesh Kanungo	Dr. Preeti Saxena
CS-5413	Data Mining and Warehousing	3	1	4	6	30	20	50	100	Dr. Shraddha Masih	Dr. Shraddha Masih
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100	Dr. Deepak Abhyankar	Dr. Chaitali Uikey
CS-6809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>33</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MTech (NM & IS) 1st Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-6624	Network Management	3	1	4	6	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-5615	Information Security	3	1	4	6	30	20	50	100		
CS-6622	Advanced Computer Network	3	1	4	6	30	20	50	100		
CS-6809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>34</b>	Total Marks →			<b>600</b>		

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MTech (SE & IA) 1st Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-7314	Information Architecture	3	1	2	5	30	20	50	100		
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100		
CS-6315	Advanced Software Engineering	3	1	4	6	30	20	50	100		
CS-6316	Information System Design	3	1	2	5	30	20	50	100		
	Elective-I*	3	1	4	6	30	20	50	100		
CS-6809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
	Total Credit →				<b>32</b>				<b>600</b>		
						Total Marks →					

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

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

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100	Mr. Chetan Awasthi	
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. Deepak Abhyankar	

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

**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**MTech (CS / NM & IS / SE & IA) 3<sup>rd</sup> Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty
CS-6807A	M.Tech. Project Phase - I				12				100	Internal guide
Total Credit →					<b>12</b>	Total Marks* →			<b>100</b>	

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

Topic	Evaluator	Marks
<ul style="list-style-type: none"> <li>Literature Review/Requirement Gathering</li> <li>Design/ Problem Formulation</li> </ul>	Internal Guide	50
<ul style="list-style-type: none"> <li>Presentation</li> <li>Report</li> <li>Final Viva</li> </ul>	External Examiner	50
Total Marks →		<b>100</b>

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### MTech (Computer Science) Executive 1st Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-6516	Advanced Operating Systems	3	1	4	6	30	20	50	100	Dr. Nikky Ahuja	Dr. Nikky Ahuja
CS-6221	Advanced Algorithm Design	3	1	4	6	30	20	50	100	Ms. Ankita Chourasia	Ms. Ankita Chourasia
CS-6806	Minor Project	-	-	-	12	-	-	-	100	Dr. Deepak Abhyankar	
CS-6809A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>28</b>	Total Marks →			<b>400</b>		

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

## School of Computer Science & IT, DAVV

### Course Scheme – July-December 2023

#### MTech (Computer Science) Executive 3rd Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-6220	Internet Programming Using Java	3	1	4	6	30	20	50	100	Dr. Ajay Tiwari	Dr. Ajay Tiwari
CS-6518	Cloud Computing	3	1	2	5	30	20	50	100	Dr. Yakuta Tayyebi	Dr. Yakuta Tayyebi
CS-6807A	M.Tech. Project Phase - I	-	-	-	12	-	-	-	100	Dr. Deepak Abhyankar	
CS-6809C	Comprehensive Viva	-	-	-	4	-	-	-	100		
	Total Credit →				<b>27</b>		Total Marks →		<b>400</b>		

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



**School of Computer Science & IT, DAVV**  
**Course Scheme – July-December 2023**

**PGDCA 1st Semester**

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks	Faculty	Lab Faculty
CS-4022	Computer Organization & Assembly Language Programming	3	1	2	5	30	20	50	100	Dr. Anand More	Mr. Pankaj Jagtap
CS-4223	Programming and Problem-Solving Using Java	3	1	4	6	30	20	50	100	Mr. K.L. Suryawanshi	Dr. Preeti Saxena
CS-5511	Operating Systems	3	1	2	5	30	20	50	100	Dr. Bhavna Sharma	Dr. Nitin Uikey
CS-4601	Web Designing	3	1	0	4	40	-	60	100	Mr. Mohit Varma	Mr. Mohit K Varma/ Mr. Yash Chouhan
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100	Dr. Bhranjot Bagga	
CS-4809 A	Comprehensive Viva	-	-	-	4	-	-	-	100		
Total Credit →					<b>27</b>	Total Marks →			<b>600</b>		

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