



SAGE University, Indore
 Institute of Engineering and Technology
 Department of Computer Science & Engineering
CHOICE BASED GRADING SYSTEM
 Effective from Academic Session: 2025-26

Program:

Diploma in Computer Science & Engineering

Semester: I

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)
Admission Batch : 2025-26

S. No.	Subject Code	Subject Title	Maximum Marks						Total Marks	Hours/week				Credits	Credits Hours
			Theory(100 Marks)			Practical (50 Marks)				L	T	P	NTCC		
			End Sem	Continuou s Internal Evaluation Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pre sentations	End Sem. Exam (ESE)ForP ractical and Viva	Continuous Internal Evaluation								
				Lab Work / WPR	Attendance/As signment /viva/Lab manual										
1	DBSNOMAT001T	Mathematics- I	60	20	20	-	-	-	100	3	1	-	-	4	4
2	DBSNOCOS001T	Communication Skills-I	60	20	20	-	-	-	100	3	-	-	-	3	3
3	DCSNOOAT001T	MS Office Tools	60	20	20	-	-	-	100	3	-	-	-	3	3
4	DCSNOFOC001T	Fundamentals of Computers	60	20	20	-	-	-	100	3	-	-	-	3	3
5	DCSNOODT001T	Operating System & Diagnostic Tools	60	20	20	-	-	-	100	2	-	-	-	2	2
6	DBSNOPHY001T	Physics	60	20	20				100	4	-		-	4	4
7	DCSNOOAT001P	MS Office Tools Lab	-	-	-	30	10	10	50	-	-	4	-	2	4
8	DCSNOODT001P	Operating System & Diagnostic Tools Lab	-	-	-	30	10	10	50	-	-	4	-	2	4
9	DBSNOPHY001P	Physics Lab	-	-	-	30	10	10	50	-	-	2	-	1	2
10	DBSNOCOS001P	Communication Skills Lab	-	-	-	30	10	10	50	-	-	2	-	1	2
Total			360	120	120	120	40	40	800	18	1	12	0	25	31



SAGE University, Indore
 Institute of Engineering and Technology
 Department of Computer Science & Engineering
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2025-26

Program:

Diploma in Computer Science & Engineering

Semester: II

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)

Admission Batch : 2025-26

S. No.	Subject Code	Subject Title	Maximum Marks											Credits	Credits Hours	
			Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week					
			End Sem	Continuou s Internal Evaluation Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pre sentations	End Sem. Exam (ESE)ForP ractical and Viva	Continuous Internal Evaluation		L		T	P	NTCC			
							Lab Work / WPR	Attendance/As signment /viva/Lab manual								
1	DBSNOMAT002T	Mathematics- II	60	20	20	-	-	-	100	3	1	-	-	4	4	
2	DCSNOPIC001T	Programming in C	60	20	20	-	-	-	100	3	1	-	-	4	4	
3	DCSNOIEC001T	Internet & E- Commerce	60	20	20	-	-	-	100	2	1	-	-	3	3	
4	DECNOBEC001T	Basic Electronics	60	20	20	-	-	-	100	3	-	-	-	3	3	
5	DCSNOFCH001T	Fundamental of Computer Hardware	60	20	20	-	-	-	100	3	-	-	-	3	3	
6	DCSNOPIC001P	Programming in C Lab				30	10	10	50		-	6	-	3	6	
7	DCSNOFCH001P	Fundamental of Computer Hardware Lab	-	-	-	30	10	10	50	-	-	2	-	1	2	
Total			300	100	100	60	20	20	600	14	3	8	0	21	25	
8	DCSNOINT001N	Internship	-	-	-		20*	30*	50*	-	-	2	2*	1*		

NOTE: NTCC assessment shall be as per NTCC Guidelines. [NTCC: Field work/Major& Minor Project/Studio/Outreach/TermPaper/Assignment/Seminar/PolicyDebate/Internship]. One credit of NTCC refers to Two Hours of activities in the chosen area.

*Assessment of NTCC will be in Next semester.



SAGE University, Indore
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CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2025-26

Program:

Diploma in Computer Science & Engineering

Semester: III

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)

Admission Batch : 2025-26, 2024-25

S. No.	Subject Code	Subject Title	Maximum Marks											Credits	Credits Hours	
			Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week					
			End Sem	Continuou s Internal Evaluation Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pre sentations	End Sem. Exam (ESE)ForP ractical and Viva	Continuous Internal Evaluation		L		T	P	NTCC			
				Lab Work / WPR	Attendance/As signment /viva/Lab manual											
1	DCSNOIDB001T	Introduction to Database	60	20	20	-	-	-	100	2	1	-	-	3	3	
2	DCSNOBWD001T	Basics of Web Designing	60	20	20	-	-	-	100	2	1	-	-	3	3	
3	DCSNODSA001T	Data structures using C/C++	60	20	20	-	-	-	100	3	1	-	-	4	4	
4	DCSNOCAM001T	Computer assembling & Maintenance	60	20	20	-	-	-	100	3	-	-	-	3	3	
5	DCSNOOSA001T	Operating System Administration	60	20	20	-	-	-	100	3	-	-	-	3	3	
6	DCSNODSA001P	Data structures using C/C++ Lab				30	10	10	50		-	2	-	1	2	
7	DCSNOBWD001P	Basics of Web Designing Lab	-	-	-	30	10	10	50	-	-	2	-	1	2	
8	DCSNOCAM001P	Computer assembling & Maintenance Lab				30	10	10	50			2		1	2	
9	DCSNOOSA001P	Operating System Administration Lab				30	10	10	50			4		2	4	
10	DCSNOINT001N	Internship	-	-	-		20	30	50	The credits earned through Internship			2	1	-	
Total			300	100	100	120	60	70	750	13	3	10	2	22	26	

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CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2025-26

Program:

Diploma in Computer Science & Engineering

Semester: IV

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)

Admission Batch : 2025-26, 2024-25

S. No.	Subject Code	Subject Title	Maximum Marks											Credits	Credits Hours	
			Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week					
			End Sem	Continuou s Internal Evaluation Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pre sentations	End Sem. Exam (ESE)ForP ractical and Viva	Continuous Internal Evaluation		L		T	P	NTCC			
							Lab Work / WPR	Attendance/As signment /viva/Lab manual								
1	DCSNOCPP001T	Computer Programming (Python)	60	20	20	-	-	-	100	2	1	-	-	3	3	
2	DCSNOAWD001T	Advanced Web Designing	60	20	20	-	-	-	100	2	1	-	-	3	3	
3	DCSNOBCN001T	Basics of Computer Networking	60	20	20	-	-	-	100	3	1	-	-	4	4	
4	DCSNOITE001T	Introduction to ERP	60	20	20	-	-	-	100	3	-	-	-	3	3	
5	DCSNOAWD001P	Advanced Web Designing Lab				30	10	10	50		-	4	-	2	4	
6	DCSNOCPP001P	Computer Programming (Java, MATLAB, Python) Lab				30	10	10	50		-	4	-	2	4	
7	DCSNOBCN001P	Basics of Computer Networking Lab	-	-	-	30	10	10	50	-	-	4	-	2	4	
8	DCSNOPRL001N	Project Lab-I					40	60	100				6	3	-	
Total			240	80	80	90	70	90	650	10	3	12	6	22	25	
9	DCSNOINT001N	Internship	-	-	-		20*	30*	50*	The credits earned through Internship			2*	1*		

NOTE: NTCC assessment shall be as per NTCC Guidelines. [NTCC: Field work/Major& Minor Project/Studio/Outreach/Term Paper/Assignment/Seminar/Policy Debate/Internship]. One credit of NTCC refers to *Assessment of NTCC will be in Next semester.



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CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2025-26

Program:

Diploma in Computer Science & Engineering

Semester: V

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)

Admission Batch : 2025-26, 2024-25, 2023-24

S. No.	Subject Code	Subject Title	Maximum Marks											Credits	Credits Hours	
			Theory(100 Marks)			Practical (50 Marks)				Total Marks	Housework					
			End Sem	Continuous Internal Evaluation Mid Sem Test (MST)	Attendance/Quiz/Assig./Presentations	End Sem. Exam (ESE)ForPractical and Viva	Continuous Internal Evaluation		L		T	P	NTCC			
				Lab Work / WPR	Attendance/Assignment /viva/Lab manual											
1	DCSNOSEE001T	Software Engineering	60	20	20	-	-	-	100	2	1	-	-	3	3	
2	DCSNOULP001T	Unix/Linux Programming	60	20	20	-	-	-	100	2		-	-	2	2	
3	DCSNOCSS001T	Cyber Security	60	20	20	-	-	-	100	2	1	-	-	3	3	
4	DCSNOTIT001T	Trends of IT and Technologies	60	20	20	-	-	-	100	3	1	-	-	4	4	
5	DCSNOEIT001T	Entrepreneurship for IT	60	20	20	-	-	-	100	3	-	-	-	3	3	
6	DCSNOSEE001P	Software Engineering Lab				30	10	10	50		-	2	-	1	2	
7	DCSNOULP001P	Unix/Linux Programming Lab	-	-	-	30	10	10	50	-	-	2	-	1	2	
8	DCSNOCSS001P	Cyber Security Lab				30	10	10	50			2		1	2	
9	DCSNOPRL002N	Project LAB-II					40	60	100				8	4	-	
10	DCSNOINT001N	Internship	-	-	-		20	30	50	The credits earned through Internship			2	1	-	
Total			300	100	100	90	90	120	800	12	3	10	2	23	21	

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Program:

Diploma in Computer Science & Engineering

Semester: VI

Subject wise Distribution of Marks and corresponding Credits

Program Code : Diploma (CSE)

Admission Batch : 2025-26, 2024-25, 2023-24

S. No.	Subject Code	Subject Title	Maximum Marks						Total Marks	Hours/week				Credits	Credits Hours
			Theory(100 Marks)			Practical (50 Marks)				L	T	P	NTCC		
			End Sem	Continuou s Internal Evaluation Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pre sentations	End Sem. Exam (ESE)ForP ractical and Viva	Continuous Internal Evaluation								
							Lab Work / WPR	Attendance/As signment /viva/Lab							
1	DCSNOIPM001T	IT Project Management	60	20	20	-	-	-	100	2	1	-	-	3	3
2	DCSNOCLC001T	Cloud Computing	60	20	20	-	-	-	100	2	1	-	-	3	3
3	DCSNOSWT001T	Software Testing	60	20	20	-	-	-	100	3	1	-	-	4	4
4	DCSNOIPM001P	IT Project Management Lab				30	10	10	50			2	-	1	2
5	DCSNOSWT001P	Software Testing Lab				30	10	10	50		-	2	-	1	2
6	DCSNOMPP001N	Major Project Lab					40	60	100		-		16	8	-
Total			180	60	60	60	60	80	500	7	3	4	16	20	14

Offered Credit Summary		Legends		
Semester	Diploma in CSE			
I	25	L= Lecture	1 Hr	1 CR
II	21	T= Tutorial	1 Hr	1 CR
III	22	P= Practical	2 Hr	1 CR
IV	22	NTCC = Non Teaching Credit Course		
V	23			
VI	20			
Total	133			