



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: I

Course wise Distribution of Marks and corresponding Credits

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2024-25

S. No.	Subject Code	Category	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)For Practical and Viva	Continuous Internal Evaluation		L		T	P	SM			NTCC	
								Lab Work / WPR	Attendance/As sessment /viva/Lab manual									
1	EBSDCMAT001T	DC	Engineering Mathematics-I	60	20	20	-	-	-	100	3	1	-	-	-	4	4	
2	EECDCBEC001T	DC	Basic Electronics	60	20	20	-	-	-	100	3	-	-	-	-	3	3	
3	EBSDCPHY001T	DC	Physics	60	20	20	-	-	-	100	3	-	-	-	-	3	3	
4	ECSDCBCE001T	DC	Basic Computer Engineering	60	20	20	-	-	-	100	3	-	-	-	-	3	3	
5	AECACCOS001T	AECC	Communication Skills & Personality Development	60	20	20	-	-	-	100	3	-	-	-	-	3	3	
6	TO BE SELECTED from list^s	DSEC	Departmental Skill Enhancement Elective Course-I ^s	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
7	EBSDCPHY001P	DC	Physics Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	EECDCBEC001P	DC	Basic Electronics Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	ECSDCBCE001P	DC	Basic Computer Engineering Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	AECACCOS001P	AECC	Communication Skills Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
11	TO BE SELECTED from University list^{##}	GE	General Elective-I ^{##}	60	20	20	-	-	-	100	2	-	-	4	-	4	6	
Total				360	120	120	150	50	50	0	17	1	12	4	0	26	34	
NOTE		DSEC	Internship-I	To be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.														

List of Departmental Skill Enhancement Elective Course - I	
Course Code	Course Name
ECSDSPUC001P	Programming Using C Lab
ECSDSPYP001P	Python Programming-I Lab

Students can opt general elective from the Courses offered by other institutes under group 1 in GE category



SAGE University, Indore

Institute of Advance Computing

Department of Advance Computing

CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester:

II

Course wise Distribution of Marks and corresponding Credits

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2024-25

S. No.	Subject Code	Category	Subject Title	Maximum Marks											Credits	Credits Hours		
				Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week						
				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	SM			NTCC	
								Lab Work / WPR	Assignment /viva/Lab manual									
1	EBSDCMAT002T	DC	Engineering Mathematics-II	60	20	20	-	-	-	100	3	1	-	-	-	4	4	
2	EECDCDEC001T	DC	Digital Electronics & Communication	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
3	ECSDCCOA001T	DC	Computer Architecture	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	ECSDCDSA001T	DC	Data Structures and Algorithms	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	AECACUHV001T	AECC	Universal Human Values & Professional Ethics	60	20	20	-	-	-	100	2	-	-	-	-	2	2	
6	TO BE SELECTED from list[§]	DSEC	Departmental Skill Enhancement Elective Course-II [§]	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
7	EECDCDEC001P	DC	Digital Electronics & Communication Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	ECSDCCOA001P	DC	Computer Architecture Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	ECSDCDSA001P	DC	Data Structures and Algorithms Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	AECACEVS001N	AECC	Universal Human Values & Professional Ethics	-	-	-	-	20	30	50	-	-	-	-	4	2	-	
11	TO BE SELECTED from University list^{##}	GE	General Elective-II ^{##}	60	20	20	-	-	-	100	2	-	-	4	-	4	6	
12	ECSDPMIP001N	DAP	Micro Project- I	-	-	-	-	20	30	50	-	-	-	-	4	2	-	
Total				360	120	120	120	80	100	900	16	1	10	0	8	28	31	
NOTE		DSEC	Internship-I	To be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.														

§ List of Departmental Skill Enhancement Elective Course-II	
Course Code	Course Name
ECSDSPIC001P	Programming in C++ Lab
ECSDSAPP001P	Advanced Python Programming Lab

Students can opt general elective from the Courses offered by other institutes under group 2 in GE category



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: III

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks											Credits	Credits Hours		
				Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week						
				End Sem	Continuous Internal Evaluation Mid Sem Test (MST)	Attendance/Quiz /Assig./Presentations	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation		L		T	P	SM			NTCC	
				Lab Work / WPR	Attendance/Assignment /viva/Lab manual													
1	EITDCIDB001T	DC	Introduction to Databases	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
2	EITDCDIM001T	DC	Discrete Mathematics	60	20	20	-	-	-	100	3	1	-	-	-	4	4	
3	TO BE SELECTED from list*	DE	Departmental Elective-I [*]	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	TO BE SELECTED from list**	DE	Departmental Elective-II ^{**}	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	TO BE SELECTED from list[§]	DSEC	Departmental Skill Enhancement Elective Course-III [§]	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
6	EITDCIDB001P	DC	Introduction to Databases Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
7	TO BE SELECTED from list*	DE	Departmental Elective-I Lab [*]	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	TO BE SELECTED from list**	DE	Departmental Elective-II Lab ^{**}	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	TO BE SELECTED from University list^{##}	GE	General Elective-III ^{##}	60	20	20	-	-	-	100	2	-	-	4	-	4	6	
Total				300	100	100	120	40	40	700	14	1	10	4	0	22	29	
NOTE		DSEC	Internship-I	To be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.														

*** List of Departmental Elective-I**

Course Code	Course Name
EITDEMPS001T/P	Microprocessors/Microprocessors Lab
EITDESEG001T/P	Software Engineering/Software Engineering Lab
** List of Departmental Elective-II	
Course Code	Course Name
ECSDECGM001T/P	Computer Graphics & Multimedia/Computer Graphics & Multimedia Lab
EITDEADC001T/P	Algorithm Design and Complexity Analysis/Algorithm Design and Complexity Analysis Lab
§ List of Departmental Skill Enhancement Elective Course-III	
Course Code	Course Name
EITDSFJP001P	Fundamentals of Java Programming Lab
EITDSFWD001P	Fundamentals of Web Designing Lab

##Students can opt general elective from the Courses offered by other institutes under group 3 in GE category



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: III

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	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)For Practical and Viva	Continuous Internal Evaluation			L	T	P	SM			NTCC
								Lab Work / WPR	Attendance/As signment /viva/Lab manual								
1	EITDCIDB001T	DC	Introduction to Databases	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	EITDCDIM001T	DC	Discrete Mathematics	60	20	20	-	-	-	100	3	1	-	-	-	4	4
3	TO BE SELECTED from list*	DE	Departmental Elective-I*	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	TO BE SELECTED from list**	DE	Departmental Elective-II**	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	AECACEVS001T	AECC	Environmental Science & Disaster Management	60	20	20	-	-	-	100	3	-	-	-	-	3	3
6	TO BE SELECTED from list^s	DSEC	Departmental Skill Enhancement Elective Course-III ^s	-	-	-	30	10	10	50	-	-	4	-	-	2	4
7	EITDCIDB001P	DC	Introduction to Databases Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
8	TO BE SELECTED from list*	DE	Departmental Elective-I Lab*	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	TO BE SELECTED from list**	DE	Departmental Elective-II Lab**	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	AECACEVS001N	AECC	Environmental Science & Disaster Management	-	-	-	-	20	30	50	-	-	-	-	2	1	-
11	TO BE SELECTED from University list##	GE	General Elective-III##	60	20	20	-	-	-	100	2	-	-	4	-	4	6
Total				360	120	120	120	60	70	850	17	1	10	4	2	26	32
NOTE		DSEC	Internship-I	To be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.													

*** List of Departmental Elective-I**

Course Code	Course Name
EITDEMPS001T/P	Microprocessors/Microprocessors Lab
EITDESEG001T/P	Software Engineering/Software Engineering Lab
** List of Departmental Elective-II	
Course Code	Course Name
ECSDECGM001T/P	Computer Graphics & Multimedia/Computer Graphics & Multimedia Lab
EITDEADC001T/P	Algorithm Design and Complexity Analysis/Algorithm Design and Complexity Analysis Lab
§ List of Departmental Skill Enhancement Elective Course-III	
Course Code	Course Name
EITDSFJP001P	Fundamentals of Java Programming Lab
EITDSFWD001P	Fundamentals of Web Designing Lab

##Students can opt general elective from the Courses offered by other institutes under group 3 in GE category



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: IV

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24, 2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	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)For Practical and Viva	Continuous Internal Evaluation		L		T	P	M/B/ SM			NTCC	
				Lab Work / WPR	Attendance/As signment													
1	EITDCNMG001T	DC	Network Management	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
2	EITDCOSA001T	DC	Operating System & Applications	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
3	TO BE SELECTED from list*	DE	Departmental Elective-III*	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	TO BE SELECTED from list**	DE	Departmental Elective-IV**	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	TO BE SELECTED from list^s	DSEC	Departmental Skill Enhancement Elective Course-IV ^s	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
6	EITDCNMG001P	DC	Network Management Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
7	EITDCOSA001P	DC	Operating System & Applications Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	TO BE SELECTED from list*	DE	Departmental Elective-III Lab*	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	TO BE SELECTED from list**	DE	Departmental Elective-IV Lab**	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	TO BE SELECTED from University list###	GE	General Elective-IV###	60	20	20	-	-	-	100	2	-	-	4	-	4	6	
11	EITDPMIP002N	DAP	Micro Project - II	-	-	-	-	20	30	50	-	-	-	-	4	2	-	
Total				300	100	100	150	70	80	800	14	0	12	4	4	24	30	
NOTE		DSEC	Internship-I	To be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.														

* List of Departmental Elective-III	
Course Code	Course Name
EITDEDMW001T/P	Data Mining & Warehousing / Data Mining & Warehousing Lab
EITDEPCG001T/P	Parallel Computing/Parallel Computing Lab
** List of Departmental Elective-IV	
Course Code	Course Name
EITDEOAD001T/P	Object Oriented Analysis & Design/Object Oriented Analysis & Design Lab
EITDESSD001T/P	Simulation & System Design/Simulation & System Design Lab
§ List of Departmental Skill Enhancement Elective Course-IV	
Course Code	Course Name
EITDSJPF001P	Advance Java Programming I Lab
EITDSWDP001P	Web Development Using PHP Lab

##Students can opt general elective from the Courses offered by other institutes under group 4 in GE category



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester:

V

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24, 2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks											Credits	Credits Hours		
				Theory(100 Marks)			Practical (50 Marks)				Total Marks	Hours/week						
				End Sem	Continuous Internal Evaluation Mid Sem Test (MST)	Attendance/Quiz /Assig./Presentations	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation Lab Work /WPR	Attendance/Assignment /viva/Lab manual	L		T	P	SM			NTCC	
1	EITDCTOA001T	DC	Theory of Automata	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
2	EITDCPPL001T	DC	Principles of Programming Languages	60	20	20	-	-	-	100	4					4	4	
3	TO BE SELECTED from list*	DE	Departmental Elective-V*	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	TO BE SELECTED from list**	DE	Departmental Elective-VI**	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	TO BE SELECTED from list***	DE	Departmental Elective-VII***	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
	TO BE SELECTED from list***	DE	Departmental Elective-VIII***	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
6	TO BE SELECTED from list [§]	DSEC	Departmental Skill Enhancement Elective Course-V [§]	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
7	EITDCTOA001P	DC	Theory of Automata Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	TO BE SELECTED from list*	DE	Departmental Elective-V Lab*	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	TO BE SELECTED from list**	DE	Departmental Elective-VI Lab**	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	TO BE SELECTED from list***	DE	Departmental Elective-VII Lab***	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
	TO BE SELECTED from list***	DE	Departmental Elective-VIII Lab***	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
11	To be selected ^{§§}	DSEC	Internship-I ^{§§}	-	-	-	-	20	30	50	-	-	-	-	20	2	-	
Total				360	120	120	180	80	90	950	19	0	14	0	20	28	33	
NOTE		DSEC	Internship-II	To be completed after V semester and before start of VIII Semester, i.e. evaluation and credit to be added in VIII Semester.														

* List of Departmental Elective-V		***List of Departmental Elective-VII	
Course Code	Course Name	Course Code	Course Name
EITDEDSS001T/P	Distributed Systems/Distributed Systems Lab	ECSDEGEC001T/P	Grid & Egde Computing / Grid & Egde Computing Lab
EITDEAIS001T/P	Artificial Intelligence/Artificial Intelligence Lab	ECSDECCO001T/P	Cloud Computing / Cloud Computing Lab
** List of Departmental Elective-VI		§ List of Departmental Skill Enhancement Elective Course-V	
Course Code	Course Name	Course Code	Course Name
ECSDECYS001T/P	Cyber Security / Cyber security Lab	ECSDSULP001P	Unix/Linux Programming Lab
ECSDENSC001T/P	Network Security/Network Security Lab	ECSDSJPF001P	Advance Java Programming II Lab
§§ Internship-I		**** List of Departmental Elective-VIII	
Course Code	Course Name	Course Code	Course Name
EITDSIH001N	Industrial Internship-I	ECSDERPA001T/P	Robot Process Automation / Robot Process Automation Lab
		ECSDEEMS001T/P	Embedded Systems / Embedded Systems Lab



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: VI

Course wise Distribution of Marks and corresponding Credits

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24, 2024-25

S. No.	Subject Code	Category	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)For Practical and Viva	Continuous Internal Evaluation	Lab Work / WPR	Attendance/As signment		L	T	P	SM			NTCC
1	EITDCCMD001T	DC	Compiler Design	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
2	TO BE SELECTED from list*	DE	Departmental Elective-IX*	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
3	TO BE SELECTED from list**	DE	Departmental Elective-X**	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	TO BE SELECTED from list***	DE	Departmental Elective-XI***	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	TO BE SELECTED from list****	DE	Departmental Elective-XII****	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
6	TO BE SELECTED from list^S	DSEC	Departmental Skill Enhancement Elective Course-VI ^S	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
7	EITDCCMD001P	DC	Compiler Design Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	TO BE SELECTED from list*	DE	Departmental Elective-IX Lab*	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	TO BE SELECTED from list**	DE	Departmental Elective-X Lab**	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	TO BE SELECTED from list***	DE	Departmental Elective-XI Lab***	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
11	TO BE SELECTED from list****	DE	Departmental Elective-XIII Lab****	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
12	EITDPMNP001N	DAP	Minor Project	-	-	-	-	40	60	100	-	-	-	0	12	6	-	
Total				300	100	100	180	100	120	900	15	0	14	0	12	28	29	
NOTE		DSEC	Internship-II	To be completed before start of VII Semester, i.e. evaluation and credit to be added in VII Semester.														

* List of Departmental Elective-IX		**** List of Departmental Elective-XII	
Course Code	Course Name	Course Code	Course Name
EITDESQA001T/P	Softwa te Testing & Quality Assurance / Softwa te Testing & Quality Assurance Lab	EITDEBDA001T/P	Big Data Analytics/Big Data Analytics Lab
EITDEEIT001T/P	Entrepreneurship in Information Technology / Entrepreneurship in Information Technology Lab	EITDEDESC001T/P	Data Science / Data Science Lab
** List of Departmental Elective-X		§ List of Departmental Skill Enhancement Elective Course-VI	
Course Code	Course Name	Course Code	Course Name
EITDEAWD001T/P	Advanced Web Development/Advanced Web Development Lab	EITDSRPR001P	R Programming Lab
EITDEEMC001T/P	Electronics and Mobile Commerce / Electronics and Mobile Commerce Lab	EITDSSCL001P	Scilab Lab
*** List of Departmental Elective-XI			
Course Code	Course Name		
EITDECWS001T/P	Cloud Web Services/Cloud Web Services Lab		
EITDEEH001T/P	Ethical Hacking / Ethical Hacking Lab		



SAGE University, Indore

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CHOICE BASED CREDIT SYSTEM

Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: VII

Course wise Distribution of Marks and corresponding Credits

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24, 2024-25

S. No.	Subject Code	Category	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)For Practical and Viva	Continuous Internal Evaluation			L	T	P	SM	NTCC		
								Lab Work / WPR	Attendance/As sessment								
1	ECSDCNLP001T	DC	Natural Language Processing	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	TO BE SELECTED from list*	DE	Departmental Elective-XIII*	60	20	20	-	-	-	100	3	0	-	-	-	3	3
3	TO BE SELECTED from list**	DE	Departmental Elective-XIV**	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	TO BE SELECTED from list***	DE	Departmental Elective-XV***	60	20	20	-	-	-	100	3	0	-	-	-	3	3
6	TO BE SELECTED from list^S	DSEC	Departmental Skill Enhancement Elective Course-VII ^S	-	-	-	30	10	10	50	-	-	4	-	-	2	4
7	EITDCNLP001P	DC	Natural Language Processing Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
8	TO BE SELECTED from list*	DE	Departmental Elective-XIII Lab*	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	TO BE SELECTED from list**	DE	Departmental Elective-XIV Lab**	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	TO BE SELECTED from list***	DE	Departmental Elective-XV Lab***	-	-	-	30	10	10	50	-	-	2	-	-	1	2
12	To be selected from list^{SSS}	DSEC	Internship-II	-	-	-	-	20	30	50	-	-	-	-	20	4	-
Total				240	80	80	180	80	90	850	12	0	12	0	20	22	24

* List of Departmental Elective-XII		*** List of Departmental Elective-XIV	
Course Code	Course Name	Course Code	Course Name
EITDEAMT001T/P	Animations & Morphing Technologies/Animations & Morphing Technologies Lab	ECSDEBCC001T/P	Blockchain/Blockchain Lab
EITDEMAN001T/P	Mobile Adhoc Networks / Mobile Adhoc Networks Lab	ECSDEIOT001T/P	Internet of Things / Internet of Things Lab
** List of Departmental Elective-XIII			
Course Code	Course Name		
EITDECOI001T/P	Computational Intelligence / Computational Intelligence Lab		
EITDEASD001T/P	Agile Software Development & DevOps / Agile Software Development & DevOps Lab		
\$ List of Departmental Skill Enhancement Elective Course-VII		\$\$\$ Internship-II	
Course Code	Course Name	Course Code	Course Name
ECSDSMOS001P	Mobile Operating Systems Lab	EITDSIIN002N	Industrial Internship-II
ECSDSMDB001P	MongoDB Lab		



SAGE University, Indore

Institute of Advance Computing
Department of Advance Computing
CHOICE BASED CREDIT SYSTEM
Program Structure Effective from Academic Session: 2024-25

Program:

Bachelor of Technology (Hons.) Computer Science & Information Technology

Semester: VIII

Course wise Distribution of Marks and corresponding Credits

Program Code : B.Tech. (Hons.) CSIT

Admission Batch : 2023-24, 2024-25

S. No.	Subject Code	Category	Course 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	SM			NTCC	
								Lab Work / WPR	Attendance/As signment									
1	EITDPMJP001N	DAP	Major Project	-	-	-	-	40	60	100	-	-	-	-	24	12	-	
Total				-	-	-	-	40	60	100	0	0	0	0	24	12	-	

For Mobile Computing and App Design specilization

Credit Summary		
Semester	B.Tech. CSIT	B.Tech. CSIT
I	26	26
II	28	28
III	26	26
IV	24	24
V	28	28
VI	28	28
VII	22	22
VIII	12	12
Total	194	194

Legends		
L= Lecture	1 Hr	1 CR
T= Tutorial	1 Hr	1 CR
P= Practical	2 Hr	1 CR
S= Studio	1 Hr	1.5 CR
NTCC = Non Tecahing Credit Course	NA	NA
M= MOOC	SWAYAM/NP TEL	Certificate
BM = Blended MOOC	1 Hr	1 CR