



SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

When Success is a Tradition **Program:** Bachelor of Technology in Computer Science and Engineering (Hons.)

Semester: I

Program Code : B.Tech (CSE)

Admission batch:2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Credits	Credits Hours	
				Theory(100 Marks)			Practical (50 Marks)		Total Marks	Hours/week							
				End Sem	Continuos Internal Evaluation /Mid Sem Test (MST)	Attendance/Quiz/Assig./Presentations	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation		L	T	P	M/B/SM	NTCC			
								Lab Work / WPR									Attendance/Assignment /viva/Lab manual
1	EBSDCMAT001T	DC	Engineering Mathematics-I	60	20	20	-	-	-	100	3	1	-	-	-	4	4
2	TRNGSESD001T	GSEEC	Essential Skills Development 1	60	20	20	-	-	-	100	2	-	-	-	-	2	4
3	EECDCBEC002T	DC	Basic Electronics	60	20	20	-	-	-	100	3	-	-	-	-	3	3
4	EBSDCPHY003T	DC	Physics	60	20	20	-	-	-	100	3	-	-	-	-	3	3
5	To be selected [†]	DE	Department Elective-I	60	20	20	-	-	-	100	3	-	-	-	-	3	3
6	EBSDCPHY003P	DC	Physics Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
7	TRNGSESD001P	GSEEC	Essential Skills Development 1 Lab	-	-	-	30	10	10	50	-	-	4	-	-	2	4
8	To be selected ^S	DSEC	Departmental Skill Enhancement Elective	-	-	-	30	10	10	50	-	-	4	-	-	2	4
9	EECDCBEC002P	DC	Basic Electronics LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	To be selected [†]	DE	Department Elective-I Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
11	TO BE SELECTED ^{##}	GE	General Elective-1	60	20	20	-	-	-	100	2	-	-	4	-	4	6
Total		-		360	120	120	150	50	50	850	16	1	14	4	0	26	37

*List of Departmental Skill Enhancement Elective Course - I	
Course Code	Course Name
ACTDSPUC001P	Programming Using C Lab
ACTDSPYP002P	Python Programming-I Lab

* List of Departmental Elective-I		Details of GE-1 Offered	
Course Code	Course Name	Course Code	Course Name
ACTDEBCE001T/P	Basic Computer Engineering/Basic Computer Engineering Lab	ACTGECOE001B	Computer Basics & Office Essentials MOOC
ACTDEJSB002T/P	JavaScript Basics/JavaScript Basics Lab		

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

Note: Industrial Internship I to be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.



SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: II

Program Code : B.Tech (CSE)
 Admission batch: 2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						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	M/B/ SM	NTCC
								Lab Work / WPR	Attendance/Assignment /viva/Lab manual								
1	EBSDCMAT004T	DC	Engineering Mathematics-II	60	20	20	-	-	-	100	3	1	-	-	-	4	4
2	EECDCDEC005T	DC	Digital Electronics & Communication	60	20	20	-	-	-	100	3	0	-	-	-	3	3
3	To be selected*	DE	Department Elective-II	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	ACTDCDSA006T	DC	Data Structures and Algorithms	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	To be selected [§]	DSEC	Departmental Skill Enhancement Elective Course-II	-	-	-	30	10	10	50	-	-	4	-	-	2	4
6	EECDCDEC005P	DC	Digital Electronics & Communication Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
7	AECACUHV001N	AECC	Universal Human Values & Professional Ethics	-	-	-	-	20	30	50	-	-	-	-	4	2	-
8	TRNGSESD002P	GSEEC	Essential Skills Development -II	-	-	-	30	10	10	50	-	-	4	-	-	2	4
9	To be selected*	DE	Department Elective-II Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	ACTDCDSA006P	DC	Data Structures and Algorithms Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
11	TO BE SELECTED ^{##}	GE	General Elective-2	60	20	20	-	-	-	100	2	-	-	4	-	4	6
12	ACTDPMIP001N	DAP	Micro Project-I	-	-	-	-	20	30	50	-	-	-	-	4	2	-
Total				300	100	100	150	90	110	850	14	1	14	4	8	28	33

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§ List of Departmental Skill Enhancement Elective Course-II		* List of Departmental Elective-II		Details of GE-2 Offered	
Course Code	Course Name	Course Code	Course Name	Course Code	Course Name
ACTDSPIC003P	Programming in C++ Lab	ACTDECOA003T/P	Computer Architecture/Computer Architecture Lab	ACTGEPYP002B	PYTHON Programming MOOC
ACTDSAPP004P	Advanced Python Programming Lab	ACTDEWBD004T/P	Web Development/Web Development Lab		

Note: Industrial Internship I to be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.

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



Where Science is a Religion

SAGE University, Indore

Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
 CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)

Semester: III

Program Code : B.Tech (CSE)

Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Credits	Credits Hours	
				Theory(100 Marks)			Practical (50 Marks)			Total Marks	Hours/week						
				End Sem	Continuou s Internal Evaluation in Mid Sem Test (MST)	Attendanc e/Quiz /Assig./Pr esentation s	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation			L	T	P	M/B/SM			NTCC
								Lab Work / WPR	Attendanc e/Assignm								
1	ACTDCDBM007T	DC	Data Base Management System	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	ACTDCDIS008T	DC	Discrete Structures	60	20	20	-	-	-	100	3	1	-	-	-	4	4
3	To be selected*	DE	Department Elective-III	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	To be selected**	DE	Department Elective-IV	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	To be selected ^s	DSEC	Departmental Skill Enhancement Elective Course-III	-	-	-	30	10	10	50	-	-	4	-	-	2	4
6	TRNGESD003N	GSEEC	Essential Skills Development III					2	30	50	0	0	0	0	4	2	-
7	ACTDCDBM007P	DC	Data Base Management System Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
8	AECACEVS001N	AECC	Environmental Science & Disaster Management					20	30	50	-	-	-	-	2	2	-
9	To be selected*	DE	Department Elective-III Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	To be selected**	DE	Department Elective-IV Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
11	To be selected ^{##}	GE	General Elective-3	60	20	20	-	-	-	100	2	-	-	4	-	4	6
Total				300	100	100	120	62	100	800	14	1	10	4	6	26	29

* List of Departmental Elective-III		Details of GE-3 Offered	
Course Code	Course Name	Course Code	Course Name
ACTDEMPI005T/P	Microprocessor & Interfacing / Microprocessor & Interfacing Lab	ACTGEFCC003B	Fundamentals of Cloud Computing MOOC
ACTDESEP006T/P	Software Engineering & Project Management / Software Engineering & Project Management Lab		
ACTDEERB007T/P	Es6 & React Basics/ES6 & React Basics Lab		
** List of Departmental Elective-IV			
Course Code	Course Name		
ACTDECGM008T/P	Computer Graphics & Multimedia / Computer Graphics & Multimedia Lab		
ACTDEADA009T/P	Analysis and Design of Algorithms / Analysis and Design of Algorithms Lab		
ACTDEDSB010T/P	DSA Beginner/DSA Beginner Lab		
\$ List of Departmental Skill Enhancement Elective Course-III			
Course Code	Course Name		
ACTDSCJP005P	Core Java Programming Lab		
ACTDSWDS006P	Web Designing Lab		

Note: Industrial Internship I to be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.

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

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SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)

CHOICE BASED CREDIT SYSTEM

Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: IV

Program Code : B.Tech (CSE)
 Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted										Credits	Credits Hours		
				Theory(100 Marks)			Practical (50 Marks)			Total Marks	Hours/week						
				End Sem	Continu- us Internal Evaluatio n Mid Sem Test (MST)	Attendan ce/Quiz /Assig./Pr esentatio ns	End Sem. Exam (ESE)For Practical and Viva	Continu- ous Internal Evaluation	Lab Work / WPR		Attendan ce/Assign ment /viva/Lab manual	L	T			P	M/B/ SM
1	ACTDCCON009T	DC	Computer Networks	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	ACTDCOPS010T	DC	Operating System	60	20	20	-	-	-	100	3	0	-	-	-	3	3
3	To be selected [†]	DE	Department Elective-V	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	To be selected ^{**}	DE	Department Elective-VI	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	To be selected	DSEC	Departmental Skill Enhancement Elective Course-IV	-	-	-	30	10	10	50	-	-	4	-	-	2	4
6	ACTDCCON009P	DC	Computer Networks Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
7	ACTDCOPS010P	DC	Operating System Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
	TRNGSESD004N	GSEEC	Essential Skills Development IV					20	30	50	0	0	0	0	4	2	-
8	To be selected [†]	DE	Department Elective-V Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	To be selected ^{**}	DE	Department Elective-VI Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	To be selected ^{##}	GE	General Elective-4	60	20	20	-	-	-	100	2	-	-	4	-	4	6
11	ACTDPMCP001N	DAP	Micro Project-II	-	-	-	-	20	30	50	-	-	-	-	4	2	-
Total				300	100	100	150	90	110	850	14	0	12	4	8	26	30

* List of Departmental Elective-V		Details of GE-4 Offered	
Course Code	Course Name	Course Code	Course Name
ACTDEDMW011T/P	Data Mining & Warehousing / Data Mining & Warehousing Lab	ACTGEFA1004B	Fundamentals of Artificial Intelligence MOOC
ACTDEHPC012T/P	High Performance Computing / High Performance Computing Lab		
ACTDEADR013T/P	Advance React/Advance React Lab		
** List of Departmental Elective-VI			
Course Code	Course Name		
ACTDEOAD014T/P	Object Oriented Analysis and Design - Unified Modeling Language/ Object Oriented Analysis and Design - Unified Modeling Language Lab		
ACTDESAM015T/P	Simulation & Modeling / Simulation & Modeling Lab		
ACTDEDSI016T/P	DSA Intermediate/DSA Intermediate Lab		

\$ List of Departmental Skill Enhancement Elective Course-IV	
Course Code	Course Name
ACTDSJPR007P	Advance Java Programming I Lab
ACTDSDWP008P	Web Development Using PHP Lab

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

Note: Industrial Internship I to be completed before start of V Semester, i.e. evaluation and credit to be added in V Semester.

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SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: V

Program Code : B.Tech (CSE)
Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Credits	Credits Hours						
				Theory(100 Marks)			Practical (50 Marks)					Total Marks	Hours/week				
				End Sem	Continous Internal Evaluation n Mid Sem Test (MST)	Attendance/Quiz/Assignment	End Sem. Exam (ESE) For Practical and Viva	Continuous Evaluation	Internal				L	T	P	M/B/SM	NTCC
1	ACTDCTOC011T	DC	Theory of Computation	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	To be selected ¹	DE	Department Elective-VII	60	20	20	-	-	-	100	3	0	-	-	-	3	3
3	To be selected ^{**}	DE	Department Elective-VIII	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	To be selected ^{***}	DE	Department Elective-IX	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	To be selected [§]	DSEC	Departmental Skill Enhancement Elective Course-V	-	-	-	30	10	10	50	-	-	4	-	-	2	4
6	ACTDCTOC011P	DC	Theory of Computation Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
7	To be selected ^{***}	DE	Departmental Elective-X	60	20	20	-	-	-	100	3	0	-	-	-	3	3
8	To be selected ¹	DE	Department Elective-VII Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	To be selected ^{**}	DE	Department Elective-VIII Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10	To be selected ^{***}	DE	Department Elective-IX Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
11	To be selected ^{***}	DE	Departmental Elective-X LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
12	ACTDCPPL005T	DC	Principles of Programming Languages	60	20	20	-	-	-	100	4	-	-	-	-	4	4
13	TRNNGPSE001N	NG	Professional Skill Development I	-	-	-	20	30	30	50	0	0	0	0	4	0	4
14	To be selected ^{§§}	DSEC	Internship-I	-	-	-	-	20	30	50	-	-	-	-	4	2	-
Total				360	120	120	180	100	120	1000	19	0	14	0	8	28	37

* List of Departmental Elective-VII		***List of Departmental Elective-IX	
Course Code	Course Name	Course Code	Course Name
ACTDEDOS017T/P	Distributed Operating System / Distributed Operating System Lab	ACTDEGEC023T/P	Grid & Egde Computing / Grid & Egde Computing Lab
ACTDEAML018T/P	Artificial Intelligence & Machine Learning / Artificial Intelligence & Machine Learning Lab	ACTDECCO024T/P	Cloud Computing / Cloud Computing Lab
		* List of Departmental Elective-X	
		Course Code	Course Name
		ACTDESQA025T/P	Software Testing & Quality Assurance / Software Testing & Quality Assurance Lab
** List of Departmental Elective-VIII		ACTDEEIT026T/P	Entrepreneurship for Information Technology / Entrepreneurship for Information Technology Lab
Course Code	Course Name	§ List of Departmental Skill Enhancement Elective Course-V	
ACTDECYS020T/P	Cyber Security / Cyber security Lab	Course Code	Course Name
ACTDENMS021T/P	Network Management & Security / Network Management & Security Lab	ACTDSULP009P	Unix/Linux Programming Lab
ACTDEDSE022T/P	DSA Expert/DSA Expert Lab	ACTDSJPS010P	Advance Java Programming II Lab
§§ Internship-I			
Course Code	Course Name		
ACTDSIN001N	Industrial Internship-I		

Note: Industrial Internship II to be completed after V semester and before start of VII Semester, i.e. evaluation and credit to be added in VII Semester.



SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: VI

Program Code : B.Tech (CSE)
Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted							Credits	Credits Hours						
				Theory(100 Marks)			Practical (50 Marks)						Total Marks	Hours/week				
				End Sem	Continuus Internal Evaluation in Mid Sem Test (MST)	Attendan ce/Quiz /Assig./Pr esentatio ns	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation		L				T	P	M/B/ SM	NTCC	
								Lab Work / WPR	Attendan ce/Assign ment /viva/Lab manual									
1	ACTDCCMD013T	DC	Compiler Design	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
2	To be selected [†]	DE	Department Elective-XI	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
3	To be selected ^{††}	DE	Department Elective-XII	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
4	To be selected ^{†††}	DE	Department Elective-XIII	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
5	To be selected ^{††††}	DE	Department Elective-XIV	60	20	20	-	-	-	100	3	0	-	-	-	3	3	
6	To be selected \$	DSEC	Departmental Skill Enhancement Elective Course-	-	-	-	30	10	10	50	-	-	4	-	-	2	4	
7	ACTDCCMD013P	DC	Compiler Design lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
8	To be selected [†]	DE	Department Elective-XI LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
9	To be selected ^{††}	DE	Department Elective-XII LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
10	To be selected ^{†††}	DE	Department Elective-XIII LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
11	To be selected ^{††††}	DE	Department Elective-XIV LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2	
12	TRNNGPSE002N	NG	Professional Skill Development II	-	-	-	-	20	30	50	0	0	0	0	4	0	4	
13	ACTDPMNP001N	DAP	Minor Project	-	-	-	-	40	60	100	-	-	-	-	12	6	-	
Total				300	100	100	180	120	150	950	15	0	14	0	16	28	33	

**** List of Departmental Elective-XIV						**** List of Departmental Elective-XIII					
Course Code	Course Name					Course Code	Course Name				
ACTDERPA025T/P	Robot Process Automation / Robot Process Automation Lab					ACTDEBDH032T/P	Big Data / Big Data Lab				
ACTDEEMS026T/P	Embedded Systems / Embedded Systems Lab					ACTDEEDSE033T/P	Data Science / Data Science Lab				
						ACTDEDSM034T/P	DSA Master/DSA Master Lab				
** List of Departmental Elective-XI											
Course Code	Course Name					\$ List of Departmental Skill Enhancement Elective Course-VI					
ACTDECYL027T/P	CYBER LAWS/ CYBER LAWS LAB					Course Code	Course Name				
ACTDEEMCO28T/P	Electronics and Mobile Commerce / Electronics and Mobile Commerce Lab					ACTDSRPR011P	R Programming Lab				
ACTDENMA029T/P	Node, Express & MongoDB Advanced/Node, Express & MongoDB Advanced Lab					ACTDSMTL012P	Scilab Lab				
*** List of Departmental Elective-XII											
Course Code	Course Name										
ACTDECSA030T/P	Cloud Skills with Amazon Web Services / Cloud Skills with Amazon Web Services Lab										
ACTDEEHK031T/P	Ethical Hacking / Ethical Hacking Lab										

Note: Industrial Internship II to be completed after V semester and before start of VII Semester, i.e. evaluation and credit to be added in VII Semester.



SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM
 Effective from Academic Session: 2024-25

When Success is a Journey **Program:** Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: VII

Program Code : B.Tech (CSE)
Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Credits	Credits Hours	
				Theory(100 Marks)			Practical (50 Marks)			Total Marks	Hours/week						
				End Sem	Continuou s Internal Evaluatio n Mid Sem Test (MST)	Attendan ce/Quiz /Assig./Pr esentatio ns	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation			L	T	P	M/B/ SM			NTCC
								Lab Work / WPR	Attendan ce/Assign ment /viva/Lab manual								
1	ACTDCNLP014T	DC	Natural Language Processing	60	20	20	-	-	-	100	3	0	-	-	-	3	3
2	To be selected [*]	DE	Department Elective-XV	60	20	20	-	-	-	100	3	0	-	-	-	3	3
3	To be selected ^{**}	DE	Department Elective-XVI	60	20	20	-	-	-	100	3	0	-	-	-	3	3
4	To be selected ^{****}	DE	Department Elective-XVII	60	20	20	-	-	-	100	3	0	-	-	-	3	3
5	To be selected [§]	DSEC	Departmental Skill Enhancement Elective Course-VII	-	-	-	30	10	10	50	-	-	4	-	-	2	4
6	ACTDCNLP014P	DC	Natural Language Processing LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
7	To be selected [*]	DE	Department Elective-XV LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
8	To be selected ^{**}	DE	Department Elective-XVI LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	To be selected ^{****}	DE	Department Elective-XVII LAB	-	-	-	30	10	10	50	-	-	2	-	-	1	2
10		NG	SAGE PROPEL & LAUNCHPAD					20	30	50	0	0	0	0	6	0	6
11	ACTDSIIN002N	DSEC	Industrial Internship-II				30	10	10	50					20	4	-
Total				240	80	80	180	80	90	750	12	0	12	0	26	22	30

* List of Departmental Elective-XV		**** List of Departmental Elective-XVII	
Course Code	Course Name	ACTDEBCC040T/P	Block Chain Technology/Block Chain Technology Lab
ACTDEWMC035T/P	Wireless & Mobile Computing / Wireless & Mobile Computing Lab	ACTDEIOT041T/P	Internet Of Things/Internet Of Things Lab
ACTDEMAN036T/P	Mobile Adhoc Networks / Mobile Adhoc Networks Lab		
ACTDEDSP037T/P	DSA Pioneer/DSA Pioneer Lab		
** List of Departmental Elective-XVI			
Course Code	Course Name		
ACTDECOI038T/P	Computational Intelligence / Computational Intelligence Lab		
ACTDEASD039T/P	Agile Software Development & DevOps / Agile Software Development & DevOps Lab		
§ List of Departmental Skill Enhancement Elective Course-VII			
Course Code	Course Name		
ACTDSMOS013P	Mobile Operating Systems Lab		
ACTDSMDB014P	MongoDB Lab		

Note: Industrial Internship II to be completed after V semester and before start of VII Semester, i.e. evaluation and credit to be added in VII Semester.



When Success is a Tradition

SAGE University, Indore
 Institute Name: Institute of Advance Computing
 Department Name: Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM

Effective from Academic Session: 2024-25

Program: Bachelor of Technology in Computer Science and Engineering (Hons.)
Semester: VIII

Program Code : B.Tech (CSE)
Admission batch: 2023-24,2024-25

Course wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Course Title	Maximum Marks Allotted											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			M/B/SM	NTCC
1	ACTDPMJP001N	DAP	Major Project	-	-	-		40	60	100	-	-	-	-	24	12	0	
Total				-	-	-		40	60	100	0	0	0	0	24	12	0	

Offered Credit Summary	
B.Tech. CSE (Honours)	
I	26
II	28
III	26
IV	26
V	28
VI	28
VII	22
VIII	12
Total	196

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 Teaching Credit Course	NA	NA
M= MOOC	SWAYAM/NPTEL	Certificate
BM = Blended MOOC	1 Hr	1 CR