



SAGE UNIVERSITY, INDORE
Institute of Advance Computing
Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM (CBCS)
Program Structure
Effective from Academic Session: 2024-25

Program	BTech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	1st Year / I Sem	Admission Batch: 2024-25

Subject wise Distribution of Marks and corresponding Credits																	
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Hours/week					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio (50 Marks)			Total	L	T	P	SM			NTCC Studio/Field Work/ou treach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Lab Work/W PR	Continuous Internal Evaluation (CIE)								
					Mid Sem. Test (MST)	Unit Test/Attendance/ Assignment/ Activities				Attendance/ Assignment/ Viva/Lab Manual							
1	ACTDCBMT001T	DC	Basic Mathematics	60	20	20	-	-	-	100	4	-	-		4	4	
2	ACTDCAPY002T	DC	Applied Physics	60	20	20	-	-	-	100	3	-	-		3	3	
3	ACTDCCFO003T	DC	Computer Fundamentals and organization	60	20	20	-	-	-	100	4	-	-		4	4	
4	ACTDCPSP004T	DC	Problem Solving with Programming	60	20	20	-	-	-	100	3	-	-		3	4	
5	TO BE SELECTED##	GE	General Elective-I (one from offered university list)	60	20	20	-	-	-	100	2	-	-	4	4	6	
6	AECACCOS001T	AECC	Communication Skills and Personality Development	60	20	20	-	-	-	100	3	-	-		3	3	
7	ACTDCAPY002P	DC	Applied Physics Lab	-	-	-	30	10	10	50	-	-	2		1	2	
8	ACTDCPSP004P	DC	Problem Solving with Programming Lab	-	-	-	30	10	10	50	-	-	2		1	2	
9	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course-I	-	-	-	30	10	10	50	-	-	4		2	4	
10	AECACCOS001P	AECC	Communication Skills Lab	-	-	-	30	10	10	50	-	-	2		1	2	
Total				360	120	120	120	40	40	800	19	0	10	4	26	34	

List of Departmental Skill Enhancement Elective Course (DSEC- I)		
1	ACTDSCCT001P	Coding and Computational Thinking - I
2	ACTDSOTS002P	Office Tools
3	ACTDSWWE003P	Working with Excel

General Elective ##(GE - 1) Offered by IAC for the students of other institutes) except IAC	
ACTGECOE001B**	Computer Basics & Office Essentials

Note: Industrial Internship I to be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.
 ## Students required to opt general elective from the Courses offered by other institutes under group I in GE category
 **This subject would be offered as per availability of online MOOC course in concern semester

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Institute of Advance Computing
Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM (CBCS)
Program Structure
Effective from Academic Session: 2024-25

Program	BTech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	1st Year /II Sem	Admission Batch: 2024-25

Subject wise Distribution of Marks and corresponding Credits

S.No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)			Total	L	T	P	SM			NTCC Studio/Field Work/ou treach
				End Sem. Exam (ESE)	Continuous Internal		End Sem. Exam (ESE) For Practical and Viva	Continuous Internal									
					Mid Sem. Test (MST)	Unit Test/Attendance/ Assignment/ Activities		Lab Work/W PR	Attendance/Assignment/ Viva/Lab Manual								
1	ACTDCAMT005T	DC	Advance Mathematics	60	20	20	-	-	-	100	4	-	-	-	-	4	4
2	ACTDCDSA006T	DC	Data Structure and Algorithms	60	20	20	-	-	-	100	3	-	-	-	-	3	3
3	ACTDCBDE007T	DC	Basic and Digital Electronics	60	20	20	-	-	-	100	3	-	-	-	-	3	3
4	ACTDCICC008T	DC	Introduction to Cloud Computing	60	20	20	-	-	-	100	4	-	-	-	-	4	4
5	TO BE SELECTED##	GE	General Elective-2 (one from offered university list)	60	20	20	-	-	-	100	2	-	-	4	-	4	6
6	AECACUHV001T	AECC	Universal Human Values & Professional Ethics	60	20	20				100	2	0	-	-	-	2	2
7	ACTDCDSA006P	DC	Data Structure and Algorithms Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
8	ACTDCBDE007P	DC	Basic and Digital Electronics Lab	-	-	-	30	10	10	50	-	-	2	-	-	1	2
9	ACTDSXXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course -	-	-	-	30	10	10	50	--	-	4	-	-	2	4
10	AECACUHV001N	AECC	Universal Human Values & Professional Ethics	-	-	-	-	20	30	50	-	-	-	-	4	2	-
11	ACTDPMIP001N	DAP	Micro Project-I	-	-	-	-	20	30	50	-	-	-	-	4	2	-
Total				360	120	120	90	70	90	850	18	0	8	4	6	28	30

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- II)		
1	ACTDSCCT004P	Coding and Computational Thinking - II
2	ACTDSCOA005P	Computer Architecture Lab
3	ACTDSPYP005P	Python Programming

General Elective ##(GE - 2) Offered by IAC for the students of other institutes except IAC)	
ACTGEPYP002B**	Python Programing

Note: Industrial Internship I to be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.
 ## Students required to opt general elective from the Courses offered by other institutes under group 2 in GE category
 **This subject would be offered as per availability of online MOOC course in concern semester



SAGE UNIVERSITY, INDORE
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Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM (CBCS)
Program Structure
Effective from Academic Session: 2024-25

Program	B Tech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	2nd Year / III Sem	Admission Batch: 2024-25

Subject wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)			Total	L	T	P	SM			NTCC Studio/Field Work/ Outreach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Continuous Internal Evaluation (CIE)									
					Mid Sem. Test (MST)	Unit Test/Assignment/Activities		Lab Work/W PR	Attendance/Assignment/ Viva/Lab Manual								
1	ACTDCOSY009T	DC	Operating Systems	60	20	20	-	-	-	100	3	0	0	-	-	3	3
2	ACTDCCNT010T	DC	Computer Networks	60	20	20	-	-	-	100	3	0	0	-	-	3	3
3	ACTDEXXXXXXT	DE	Departmental Elective-I	60	20	20	-	-	-	100	3	0	0	-	-	3	3
4	ACTDEXXXXXXT	DE	Departmental Elective-II	60	20	20	-	-	-	100	4	0	0	-	-	4	4
5	AECACEVS001T	AECC	Environmental Science & Disaster Management	60	20	20	-	-	-	100	3		-	-	-	3	3
6	TO BE SELECTED ^{##}	GE	General Elective-3 (one from offered	60	20	20	-	-	-	100	2	-	-	4	-	4	6
7	ACTDCOSS009P	DC	Operating Systems Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
8	ACTDENAD004P	DC	Computer Networks lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
9	ACTDEXXXXXXP	DE	Department Elective-I Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
10	AECACEVS001N	AECC	Environmental Science & Disaster Management	-	-	-	-	20	30	50	-	-	-	-	2	1	-
11	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course-III	-	-	-	30	10	10	50	0	0	4	-	-	2	4
Total				360	120	120	120	60	70	850	18	0	10	4		26	32

Departmental Electives (DE-I)			
1	ACTDEPOV001T/P		Principles of Virtualization
2	ACTDECMO002T/P		Cloud Management and Operations
DE - II			
3	ACTDEFOD003T		Fundamentals of Datacenter
4	ACTDENAD004T		Network Administration

General Elective ##(GE - 3) Offered by IAC for the students of other institutes except IAC)	
ACTGEFCC003B**	Fundamentals of Cloud Computing

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- III)	
ACTDSCCT007P	Coding and Computational Thinking - III
ACTDSNPG008P	Network Programming

Note: Industrial Internship I to be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.
 ## Students required to opt general elective from the Courses offered by other institutes under group 3 in GE category
 **This subject would be offered as per availability of online MOOC course in concern semester



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Program Structure
Effective from Academic Session: 2024-25

Program		B Tech Computer Technology (Cloud Computing)								Program Code: B.Tech. CT (CC)								
Year / Semester		2nd Year / III Sem								Admission Batch: 2023-24								
Subject wise Distribution of Marks and corresponding Credits																		
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted							Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC				Total Marks	L	T	P	SM			NTCC Studio/Field Work/outreach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Continuous Internal Evaluation (CIE)		Total								
					Mid Sem. Test (MST)	Unit Test/Attendance/Assignment/Activities		Lab Work/WPR	Attendance/Assignment/Viva/Lab Manual									

1	ACTDCOSY009T	DC	Operating Systems	60	20	20	-	-	-	100	3	0	0	-	-	3	3
2	ACTDCCNT010T	DC	Computer Networks	60	20	20	-	-	-	100	3	0	0	-	-	3	3
3	ACTDEXXXXXXT	DE	Departmental Elective-I	60	20	20	-	-	-	100	3	0	0	-	-	3	3
4	ACTDEXXXXXXT	DE	Departmental Elective-II	60	20	20	-	-	-	100	4	0	0	-	-	4	4
5	TO BE SELECTED ^{##}	GE	General Elective-3 (one from offered	60	20	20	-	-	-	100	2	-	-	4	-	4	6
6	ACTDCOSS009P	DC	Operating Systems Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
7	ACTDENAD004P	DC	Computer Networks lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
8	ACTDEXXXXXXP	DE	Department Elective-I Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2
9	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course-III	-	-	-	30	10	10	50	0	0	4	-	-	2	4
Total				300	100	100	120	40	40	700	15	0	10	4		22	29

Departmental Electives (DE-I)			
1	ACTDEPOV001T/P		Principles of Virtualization
2	ACTDECMO002T/P		Cloud Management and Operations
DE - II			
3	ACTDEFOD003T		Fundamentals of Datacenter
4	ACTDENAD004T		Network Administration

General Elective ##(GE - 3) Offered by IAC for the students of other institutes except IAC)	
ACTGEFCC003B**	Fundamentals of Cloud Computing

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- III)	
ACTDSCCT007P	Coding and Computational Thinking - III
ACTDSNPG008P	Network Programming

Note: Industrial Internship I to be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.
 ## Students required to opt general elective from the Courses offered by other institutes under group 3 in GE category
 **This subject would be offered as per availability of online MOOC course in concern semester

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Program Structure
Effective from Academic Session: 2024-25

Program	BTech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	2nd Year / IV Sem	Admission Batch: 2024-25

Subject wise Distribution of Marks and corresponding Credits																	
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)			Total	L	T	P	SM			NTCC Studio/Field Work/o outreach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Continuous Internal Evaluation (CIE)									
					Mid Sem. Test (MS T)	Unit Test/Attendance/ Assignment/ Activities		Lab Work/W PR	Attendance/Assignment/ Viva/Lab Manual								
1	ACTDCRDB011T	DC	Relational Database Management System	60	20	20	-	-	-	100	3	0	0			3	3
2	ACTDCCWS012T	DC	Cloud Web Services	60	20	20	-	-	-	100	3	0	0			3	3
3	ACTDEXXXXXXT	DE	Departmental Elective-III	60	20	20	-	-	-	100	3	0	0			3	3
4	ACTDEXXXXXXT	DE	Departmental Elective-IV	60	20	20	-	-	-	100	4	0	0			4	4
5	TO BE SELECTED##	GE	General Elective-4 (one from offered university list)	60	20	20	-	-	-	100	2	0	0	4		4	6
6	ACTDCRDB011P	DC	Relational Database Management System Lab	-	-	-	30	10	10	50	0	0	2			1	2
7	ACTDEXXXXXXP	DE	Departmental Elective-III Lab	-	-	-	30	10	10	50	0	0	2			1	2
8	ACTDCDBS011P	DC	Cloud Web Services Lab	-	-	-	30	10	10	50	0	0	2			1	2
9	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course-IV	-	-	-	30	10	10	50	0	0	4			2	4
10	ACTDPMIP002N	DAP	Micro Project - II	-	-	-	-	20	30	50	0	0	0	4		2	-
Total				300	100	100	120	60	70	750	15	0	10	4	4	24	29

Departmental Electives (DE-III)			
1	ACTDELAD005T/P		Linux Administration
2	ACTDEWAD006T/P		Windows Administration
Departmental Electives (DE - IV)			
3	ACTDEDMC007T/P		Database Management on Cloud Platform
4	ACTDEDCA008T/P		Data Center Architecture

General Elective ##(GE - 4) Offered by IAC for the students of other institutes)	
B**	Fundamentals of Artificial Intelligence

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- IV)	
ACTDSCCT009P	Coding and Computational Thinking - IV
ACTDSDPT010P	Digital Productivity Tools

Note: Industrial Internship I to be completed after IV Semester, i.e. evaluation and credit to be added in V Semester.
 ## Students required to opt general elective from the Courses offered by other institutes under group 4 in GE category
 **This subject would be offered as per availability of online MOOC course in concern semester



SAGE UNIVERSITY, INDORE
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Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM (CBCS)
Program Structure
Effective from Academic Session: 2024-25

Program		B.Tech Computer Technology (Cloud Computing)										Program Code: B.Tech. CT (CC)						
Year / Semester		3rd Year / V Sem										Admission Batch: 2024-25, 2023-24						
Subject wise Distribution of Marks and corresponding Credits																		
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted							Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)				Total	L	T	P	SM			NTCC Studio/Field Work/Outreach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Lab Work/W PR	Continuous Internal Evaluation (CIE)									
					Mid Sem. Test (MST)	Unit Test/Attendance/Assignment/Activities			Attendance/Assignment/Viva/Lab Manual	Total Marks								
1	ACTDCIPS013T	DC	Infrastructure and Platform Services	60	20	20	-	-	-	100	3	0	0	-	-	3	3	
2	ACTDEXXXXXXT	DE	Departmental Elective -V	60	20	20	-	-	-	100	3	0	0	-	-	3	3	
3	ACTDEXXXXXXT	DE	Departmental Elective -VI	60	20	20	-	-	-	100	3	0	0	-	-	3	3	
4	ACTDEXXXXXXT	DE	Departmental Elective -VII	60	20	20	-	0	-	100	3	0	0	-	-	3	3	
5	ACTDEXXXXXXT	DE	Departmental Elective -VIII	60	20	20	-	-	-	100	4	0	0	-	-	4	4	
6	ACTDCIOT014T	DC	Fundamentals of IOT	60	20	20	-	-	-	100	4	-	-	-	-	4	4	
7	ACTDCIPS013P	DC	Infrastructure and Platform Services Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2	
8	ACTDEXXXXXXP	DE	Departmental Elective -V Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2	
9	ACTDEXXXXXXP	DE	Departmental Elective -VI Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2	
10	ACTDEXXXXXXP	DE	Departmental Elective -VII Lab	-	-	-	30	10	10	50	0	0	2	-	-	1	2	
11	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course - V	-	-	-	30	10	10	50	0	0	4	-	-	2	4	
12	ACTDSINT001N	DSEEC	Internship - I	-	-	-	-	-	-	50	0	0	0	-	4	2	-	
Total				360	120	120	150	70	80	900	21	0	12	0	4	28	32	
Departmental Electives (DE-V)																		
1	ACTDEACM009T/P	Automation and Configuration Management																
2	ACTDEJSF010T/P	Java Script FrameWork																
DE - VI																		
3	ACTDEHCC011T/P	Hybrid Cloud Computing																
4	ACTDECSR012T/P	Cloud security Compliance and Regulation																
DE - VII																		
5	ACTDECCI013T	Cost Management on Cloud Infrastructure																
6	ACTDESAD014T/P	Server Administration																
DE - VIII																		
7	ACTDEDOC025T	DevOps on Cloud																
8	ACTDECMT026T	Cloud Based ML Tools																

\$ List of Departmental Skill Enhancement Elective Course (DSEEC - V)	
ACTDSESP011P	Employability Skill Program - I
ACTDSGGH012P	Git and Git Hub

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

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Advance Computing (Specialization)
CHOICE BASED CREDIT SYSTEM (CBCS)
Program Structure
Effective from Academic Session: 2024-25

Program	BTech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	3rd Year / VI Sem	Admission Batch: 2024-25,2023-24

Subject wise Distribution of Marks and corresponding Credits																		
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted							Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)				Total Marks	L	T	P	SM			NTCC Studio/Field Work/o outreach
				End Sem. Exam (ESE)	Continuous Internal		End Sem. Exam (ESE) For Practical and Viva	Continuous										
					Mid Sem. Test (MS T)	Unit Test/Attendance/ Assignment/ Activitie		Lab Work/ WPR	Attendance/Assignment/ Viva/Lab Manual	Total								
1	ACTDCACW015T	DC	Azure Cloud Web services	60	20	20	-	-	-	100	3	0	0			3	3	
2	ACTDEXXXXXXT	DE	Department Elective - VIII	60	20	20	-	-	-	100	3	0	0			3	3	
3	ACTDEXXXXXXT	DE	Departmental Elective -IX	60	20	20	-	-	-	100	3	0	0			3	3	
4	ACTDEXXXXXXT	DE	Departmental Elective - X	60	20	20	-	-	-	100	4	0	0			4	4	
5	ACTDEXXXXXXT	DE	Departmental Elective - XI	60	20	20	-	-	-	100	4	0	0			4	4	
6	ACTDCACW015T	DC	Azure Cloud Web services Lab	-	-	-	30	10	10	50	0	0	2			1	2	
7	ACTDEXXXXXXP	DE	Departmental Elective - VIII Lab	-	-	-	30	10	10	50	0	0	2			1	2	
8	ACTDEXXXXXXP	DE	Departmental Elective - IX Lab	-	-	-	30	10	10	50	0	0	2			1	2	
9	ACTDSXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course - VI	-	-	-	30	10	10	50	0	0	4			2	4	
10	ACTDPMNP003N	DAP	Minor Project - I	-	-	-	-	-	-	100	0	0	0		12	6	-	
Total				300	100	100	120	80	100	800	17	0	10	0	12	28	27	

Departmental Elective (DE)		
DE-IX		
ACTDESLC015T/P		Serverless Computing
ACTDEEDC016T/P		Edge Computing
DE-X		
ACTDECSPO17T/P		Cloud Scripting using PaaS
ACTDECCF018T/P		Cloud Scripting with Cloud Formation

DE-XI	
ACTDEMAC019T	Microservices Architecture with Containers
ACTDEMME020T	Managing Hypervisors in Multi-Cloud Environments
DE-XII	
ACTDECAS021T	Cloud Automation Strategies
ACTDECA022T	Cloud Analytics

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- VI)	
ACTDSESP013P	Employability Skill Program - II
ACTDSAGP014P	Agile Practices

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



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Program Structure
Effective from Academic Session: 2024-25

Program	BTech Computer Technology (Cloud Computing)	Program Code: B.Tech. CT (CC)
Year / Semester	4th Year / VII Sem	Admission Batch: 2024-25, 2023-24

Subject wise Distribution of Marks and corresponding Credits

S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted						Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)			Total	L	T	P	SM			NTCC Studio/Field Work/ Outreach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Continuous Internal Evaluation (CIE)									
					Mid Sem. Test (MST)	Unit Test/Attendance/Assignment/Activity		Lab Work/WPR	Attendance/Assignment/Viva/Lab Manual								
1	ACTDCCMG016T	DC	Cloud Migration	60	20	20	-	-	-	100	3	0	0			3	3
2	ACTDEXXXXXXT	DE	Departmental Elective - XIII	60	20	20	-	-	-	100	3	0	0			3	3
3	ACTDEXXXXXXT	DE	Departmental Elective - XIV	60	20	20	-	-	-	100	4	0	0			4	4
4	ACTDEXXXXXXT	DE	Departmental Elective - XIV	60	20	20	-	-	-	100	4	0	0			4	4
5	ACTDCCMG016P	DC	Cloud Migration Lab	-	-	-	30	10	10	50	0	0	2			1	2
6	ACTDEXXXXXXP	DE	Departmental Elective -XIII Lab	-	-	-	30	10	10	50	0	0	2			1	2
7	ACTDSXXXXXXP	DSEEC	Departmental Skill Enhancement Elective Course - VII	-	-	-	30	10	10	50	2	0	0			2	4
8	ACTDSINT002N	DSEEC	Internship - II	-	-	-	-	20	30	50	0	0	0	20		4	-
Total				240	80	80	90	50	60	600	16	0	4	20	22	22	

Departmental Electives (DE)		
DE-XIII		
1	ACTDEBSW023T/P	Building Scalable Web Application
2	ACTDEIAC024T/P	Infrastructure Automation with Containers
DE-XIV		
5	ACTDEDCA027T	Developing Cloud Web Applications
6	ACTDECAM028T	Cloud Application Management

\$ List of Departmental Skill Enhancement Elective Course (DSEEC- VII)		
1	ACTDSESM015P	Employability Enhancement Program
2	ACTDSSWT016P	Software Testing



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Program		BTech Computer Technology (Cloud Computing)										Program Code: B.Tech. CT (CC)						
Year / Semester		4 th Year / VIII Sem										Admission Batch: 2024-25,2023-24						
Subject wise Distribution of Marks and corresponding Credits																		
S. No.	Subject Code	Category	Subject Title	Maximum Marks Allotted							Hours / Week.					Credits	Credit Hours	
				Theory (100 Marks)			Practical/ Studio/ NTCC (50 Marks)				Total	L	T	P	SM			NTCC Studio/Field Work/ou treach
				End Sem. Exam (ESE)	Continuous Internal Evaluation (CIE)		End Sem. Exam (ESE) For Practical and Viva	Lab Work/W PR	Continuous Internal Evaluation (CIE)									
					Mid Sem. Test (MST)	Unit Test/Attendance/ Assignment/ Activitie			Lab Work/W PR	Attendance/Assignment/ Viva/Lab Manual								
1	ACTDPMJP004N	DAP	End of Program Project / Major Project	-	-	-	0	40	60	100	0	0	0	-	24	12	-	
Total							0	40	60	100	0	0	0	-	24	12	0	

Offered Credit Summary	
Semester	B.Tech. Computer Tech. (CC)
I	26
II	28
III	26
IV	24
V	28
VI	28
VII	22
VIII	12
Total	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 Teaching Credit Course	NA	NA
MOOC (M)/Blended MOOC (BM)	2 Hr	1 CR
SM=Self learning MOOC	2 Hr	1 CR

Notes: MOOCS will get credits by SWAYAM or NPTEL Certificates

HOD IAC