

## STUDY AND EVALUATION SCHEME

(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)- BATCH: 2020-2024

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 1

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	MAL0101	Calculus for Engineers	40	30	30	40	30	30	200	3	0	2	4	
2	EEL0106	Basics of Electricals and Electronics Engineering	40	30	30	40	30	30	200	3	1	2	5	
3	ESL0101	Environmental Science & Pollution Control	40	30	30	40	30	30	200	2	1	2	4	
4	CSL0101	Essentials of Information Technology	40	30	30	40	30	30	200	3	1	2	5	
5	CSL0102	Programming Logics	40	30	30	40	30	30	200	3	1	4	6	
<b>Total Credits</b>												<b>24</b>		

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Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 2

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks	
			Theory Slot			Practical Slot				Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva	L		T	P			
1	ECL0205	Digital Electronics	40	30	30	40	30	30	200	3	1	2	5		
2	MAL0203	Statistics for Engineers	40	30	30	40	30	30	200	3	1	2	5		
3	HUL0201	Communication Skills & Colloquium	40	30	30	40	30	30	200	2	1	2	4		
4	CSL0202	Web Architecture and Design	40	30	30	40	30	30	200	3	1	2	5		
5	CSL0203	Object Oriented Programming paradigm with C++	40	30	30	40	30	30	200	3	1	4	6		
<b>Total Credits</b>												<b>25</b>			

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Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 3

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	MAL0305	Engineering Mathematics-III	40	30	30	-	-	-	100	3	1	0	4	
2	ECL0306	Digital Electronics	40	30	30	40	30	30	200	3	1	2	5	
3	CSL0306	Operating System	40	30	30	40	30	30	200	3	1	2	5	
4	CSL0357	Data Structures & Applications	40	30	30	40	30	30	200	2	1	4	5	
5	CSL0358	Software Engineering	40	30	30	-	-	-	100	3	1	0	4	
6	CSP0304	Java Programming	-	-	-	40	30	30	100	0	0	6	3	
7	CSD0301	Industrial Training-I	-	-	-	40	30	30	100	0	0	4	2	
<b>Total Credits</b>												<b>28</b>		

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(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS) BATCH: 2019-2023

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 4

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Credits Allotted (Subject Wise)			Total Credits	Remarks	
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T			P
1	MAL0409	Engineering Mathematics – IV	40	30	30	-	-	-	100	3	1	0	4	
2	ECL0427	Analog and Digital Communication	40	30	30	40	30	30	200	2	1	2	4	
3	CSL0458	Computer System Organization	40	30	30	40	30	30	200	3	1	2	5	
4	CSL0460	Data Communication and Computer Networks	40	30	30	40	30	30	200	3	1	2	5	
5	CSL0407	Database Management System	40	30	30	40	30	30	200	2	1	4	5	
6	CSP0405	Server side Programming				40	30	30	100	0	0	6	3	
<b>Total Credits</b>												<b>26</b>		

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(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS) BATCH: 2018-2022

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 5

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	CSL0501	Computer Graphics and Multimedia	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0502	Cryptography and Network Security	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0516	Theory of Computation	40	30	30	-	-	-	100	3	1	0	4	
4	CSL0559	Design and Analysis of Algorithms	40	30	30	40	30	30	200	3	1	2	5	
5	CSL0503	Fundamentals of Cloud Computing	40	30	30	-	-	-	100	3	1	0	4	
6	CSP0504	Python Programming	-	-	-	40	30	30	200	0	0	6	3	
7	CSD0505	Industrial Training-I	-	-	-	40	30	30	100	0	0	4	2	
<b>Total Credits</b>												<b>27</b>		

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(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS) BATCH: 2018-2022

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 6

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	CSL0661	Digital Image Processing	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0662	Compiler Design	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0663	Artificial Intelligence	40	30	30	40	30	30	200	2	1	2	4	
4	CSL0664	Advance Cloud computing	40	30	30	-	-	-	100	3	1	0	4	
5	CSL0668	Distributed System	40	30	30	-	-	-	100	3	1	0	4	
6	CSD0601	Minor Project	-	-	-	40	30	30	100	0	0	6	3	
<b>Total Credits</b>												<b>24</b>		

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(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS) BATCH: 2017-2021

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 7

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Credits Allotted (Subject Wise)			Total Credits	Remarks	
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T			P
1	CSL0717	Digital Image Processing	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0722	Cryptography and Network Security	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0763	Data Warehousing and Data Mining	40	30	30	-	-	-	100	3	1	0	4	
4		<i>Elective - 1</i>	40	30	30	-	-	-	100	3	1	0	4	
5		<i>Elective - 2</i>	40	30	30	40	30	30	200	3	1	2	5	
6	CSD0702	Industrial Training	-	-	-	40	30	30	100	0	0	4	2	
7	CSD0703	Major Project - I	-	-	-	40	30	30	100	0	0	4	2	
<b>Total Credits</b>												<b>26</b>		

<b>List of Elective - 1 Subjects</b>	<b>(1) *CSE0725 – Cloud Computing</b>	<b>(2) CSE0753 - Bioinformatics</b>	<b>(3) CSE0774 - Virtual Reality</b>
<b>List of Elective - 2 Subjects</b>	<b>(1) CSE0775 - Android-based Application Development</b>	<b>(2) CSE0776 - Programming with Python</b>	<b>(3) CSE0777 - Advanced Database Programming</b>

\*Students can opt equivalent online Swayam-NPTEL certification course.

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(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS) BATCH: 2017-2021

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 8

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Credits Allotted (Subject Wise)			Total Credits	Remarks	
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T			P
1	CSL0864	Modeling and Simulation	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0865	Software Project Management	40	30	30	40	30	30	200	3	1	2	5	
3		<i>Elective - 3</i>	40	30	30	-	-	-	100	3	1	0	4	
4		<i>Elective - 4</i>	40	30	30	-	-	-	100	3	1	0	4	
5	CSD0804	Major Project - II	-	-	-	40	30	30	100	0	0	16	8	
<b>Total Credits</b>												<b>26</b>		

<b>List of Elective - 3 Subjects</b>	(1) CSE0833 - Embedded Computer Systems	(2) *CSE0852 – Soft Computing	(3) CSE0880 - Pattern Recognition
<b>List of Elective - 4 Subjects</b>	(1) CSE0815 – Internet of Things	(2) CSE0855 - Parallel Computing	(3) CSE0867 - Humanoid Robotics

\*Students can opt equivalent online Swayam-NPTEL certification course.