

## STUDY AND EVALUATION SCHEME

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

Name of Course: B. Tech. in CSE with specialization in Data Science and ML/ Cyber Forensics

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>		

## STUDY AND EVALUATION SCHEME

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

Name of Course: B. Tech. in CSE with specialization in Data Science and ML/ Cyber Forensics

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	CSL0204	Programming in PYTHON	40	30	30	40	30	30	200	3	1	4	6	
<b>Total Credits</b>												<b>25</b>		

## STUDY AND EVALUATION SCHEME

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

Name of Course: *B. Tech. in Computer Science & Engineering with specialization in Data Science and Machine learning*

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	CSL0307	Programming using PYTHON	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>		

## STUDY AND EVALUATION SCHEME

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

Name of Course: *B. Tech. in Computer Science & Engineering with specialization in Data Science and Machine learning*

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	CSL0405	Artificial Intelligence: Present and Future	40	30	30	40	30	30	200	3	0	2	4	
2	CSL0427	Data Mining	40	30	30	40	30	30	200	3	0	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	-	-	-	100	3	1	0	4	
5	CSL0407	Database Management System	40	30	30	40	30	30	200	3	1	4	6	
6	CSL0408	Server Side Programming	-	-	-	40	30	30	100	0	0	6	3	
<b>Total Credits</b>												<b>26</b>		

## STUDY AND EVALUATION SCHEME

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

Name of Course: *B. Tech. in Computer Science & Engineering with specialization in Data Science and Machine learning*

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	CSL0508	Big Data Tools and Technique	40	30	30	40	30	30	200	3	1	2	5	
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	CSL0507	Machine Learning	40	30	30	40	30	30	200	3	1	2	5	
6	CSD0506	Minor Project-I	-	-	-	40	30	30	100	0	0	4	2	
7	CSD0505	Industrial Training-I	-	-	-	40	30	30	100	0	0	4	2	
<b>Total Credits</b>												<b>28</b>		

## STUDY AND EVALUATION SCHEME

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

Name of Course: *B. Tech. in Computer Science & Engineering with specialization in Data Science and Machine learning*

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	CSL0666	Data Analytics and Visualization	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0662	Compiler Design	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0667	Neural Network and Deep Learning	40	30	30	40	30	30	200	3	1	2	5	
4	CSL0668	Distributed System	40	30	30	-	-	-	100	3	1	0	4	
5	CSL0669	Fundamentals of Cloud Computing	40	30	30	-	-	-	100	3	1	0	4	
6	CSD0602	Minor Project – II	-	-	-	40	30	30	100	0	0	6	3	
<b>Total Credits</b>												<b>25</b>		