

Mandsaur University

2023 Scheme of Examination

Semester	IV	BTech	Computer Science & Engineering
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S. No.	Category	Theory/ Practical	Subject Code	Subject Name	Maximum Marks Allotted			Hours/Week			Credits	Total Marks	Elective Information		
					End Sem Test (EST)	Mid Sem Test (MST)	(CET)	L	T	P			Base Code	Elective Subject Code	Elective Subject Name
1		Theory	CSE160 TR1	Theory of Computation	60	30	10	3	1	-	4	100	CSE720 T/PR1	CSE721 T/PR1	Principle of Programming Languages
2		Theory	CSE170 TR1	Analysis and Design of Algorithms	60	30	10	2	1	-	3	100		CSE722 T/PR1	Network Security and Cryptography
3		Theory	CSE280 TR1	Operating Systems	60	30	10	2	1	-	3	100		CSE723 T/PR1	Routing and Switching with packet tracer
4		Theory	CSE720 TR1	Elective-CS2	60	30	10	2	1	-	3	100		CSE724 T/PR1	MongoDB
5		Theory	CSE730 TR1	Elective-CS3	60	30	10	2	1	-	3	100		CSE725 T/PR1	Virtualization & Cloud Computing
6		Practical	CSE170 PR1	Analysis and Design of Algorithms	25	15	10	-	-	2	1	50		CSE726 T/PR1	Data Science Using Python
7		Practical	CSE280 PR1	Operating Systems	25	15	10	-	-	2	1	50	CSE730 T/PR1	CSE731 T/PR1	Advanced Java Programming
8		Practical	CSE720 PR1	Elective-CS2	25	15	10	-	-	2	1	50		CSE732 T/PR1	Programming in PHP
9		Practical	CSE730 PR1	Elective-CS3	25	15	10	-	-	2	1	50		CSE733 T/PR1	Web Development with Python
10		Practical	MUC020 PR1	Quantitative Aptitude-II	50	40	10	-	-	4	2	100		CSE734 T/PR1	Computer Graphics
11														CSE735 T/PR1	Cloud Computing Architecture
12														CSE736 T/PR1	Machine Learning Techniques
Total					450	250	100	11	5	12	22	800			

Prepared by
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Verified By
(HOD/BOS Chairperson)

Submitted by
(Dean Academics)

Approved by
(Vice Chancellor)


HOD
 Computer Science & Engineering
 Mandsaur University
 MANDSAUR (M.P.)

