

19	03	CS3352	Foundations of Data Science	01-JUL-25	A.N.
20	03	CS3391	Object Oriented Programming	02-JUL-25	A.N.
21	03	CS3301	Data Structures	03-JUL-25	F.N.
22	04	GE3451	Environmental Sciences and Sustainability	03-JUN-25	F.N.
23	04	CS3491	Artificial Intelligence and Machine Learning	05-JUN-25	F.N.
24	04	CS3492	Database Management Systems	10-JUN-25	F.N.
25	04	CS3452	Theory of Computation	12-JUN-25	F.N.
26	04	CS3451	Introduction to Operating Systems	14-JUN-25	F.N.
27	04	CS3401	Algorithms	17-JUN-25	F.N.

CS3492-Database Management Systems

Part B

Unit 1

1. Architecture of database management system
2. Three schema(data model)
3. Embedded sql
4. Relational and object model

Unit 2

1. Normal forms
2. Dependencey
3. keys

Unit 3

1. Acid property
2. 2 phase locking protocols/types of locking
3. Aries algorithm

4. Serial /non serial/conflict serializable
5. Multi gurnalarity

Unit 4

1. B tree and b+ tree
2. Hashing(dynamic and static) with example
3. Query processing
4. Compare i/o cost of file organization

Unit 5

1. Distribute database architecture
2. Distribute database transcation
3. No sql
4. Role based on Access control

Part C

(based on own programming)