

Smt. Sindhutai Jadhao Arts & Science Mahavidyalaya, Mehkar
B.Sc. II SEMESTER IV
COMPUTER SCIENCE

Unit no	Topic	Link
1	Fundamental of DBMS :	https://youtu.be/1057YmExS-l
	Traditional file approach	https://youtu.be/6gSOegfmA3c
	DBMS Architecture of a database system	https://youtu.be/ehpN0Ecnnq0
	Data base approaches	https://youtu.be/K7-Nt1MXpkl
	storage structures	https://youtu.be/WeiyF5NjUzc
	data representation,	https://youtu.be/02sVHrDCthU
	data independence,	https://youtu.be/zGBIAOYX9Uk
	database models: Relational, Hierarchical, network, Relational Algebra, Object Based model	https://youtu.be/R9miiima8hA
	data dictionary and DatabaseAdministration.	https://youtu.be/QRMUReSEnjU
2	Relational Model :	https://youtu.be/TsSf1Z3g0Kk
	Relations, Domains and Attributes, keys,	https://youtu.be/S7aoqarA0rU
	E-R diagrams	https://youtu.be/W9Oo4CjHlXg
	Reducing E-R diagrams to tables,function dependency, Entity, Relationship, Mapping Constraints,	https://youtu.be/yj88AaVJ8QQ
	Normalization: 1NF, 2NF, 3NF, 4NF, BCNF.	https://youtu.be/UrYLYV7WSHM
3	Introduction to SQL :	https://youtu.be/k5WZ9MJTA_Y
	Components of SQL,	https://youtu.be/kH6gphWv28o
	data types, operators	https://youtu.be/qVJPnnQhIV4
	DDL Commands :	https://youtu.be/pAB-z0knPpk
	DML Commands:	https://youtu.be/WvOseanUdk4
	Clauses:	https://youtu.be/3QXn_O9RQil
4	Functions	https://youtu.be/cVe06NVDaoI
	Number Functions:	https://youtu.be/pfO7hcyhbq8
	Character Function :	https://youtu.be/-aC74PHqCWI

	Conversion Functions	https://youtu.be/8GHUfb5k-a8
	Date functions:	https://youtu.be/6_95vbBrrXI
5	PL/SQL:	https://youtu.be/8yfEI0Yvxto
	Features and block structure	https://youtu.be/VAOVbY8ffp8
	variables and constant, data types	https://youtu.be/Zt0vlmTqhP4
	control structure	https://youtu.be/SakHO07vs8I
	Cursor	https://youtu.be/Y1dcZF4svuk
	Trigger	https://youtu.be/oUV2sAltyPo
6	Transaction:	https://youtu.be/7dfdgzQIzZ4
	Rollback, commit and save point, rollback segment. Create Procedure and create function	https://youtu.be/6GCsBAitu8M
	Securities of Database:	https://youtu.be/25iGBggAZyU
	Users, creating users, roles, creating roles,	https://youtu.be/5ENHXbBxs5Q
	types of privileges,	https://youtu.be/3cPydYnOxk4
	GRANT, REVOKE command,	https://youtu.be/WSe3uC-YVw4
	Table and Row Locking.	https://youtu.be/43MReuw6UtE