M.G.M's COLLEGE OF ENGINEERING, NANDED
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ASSIGNMENT NO: 2

Subject: Advanced DBMS Class: BECSE I & II

	BT	CO
1. Draw and explain centralized architecture.	L2	CO4
2. Draw and explain client-server architecture.	L2	CO4
3. Draw and explain transaction server.	L2	CO4
4. Explain Data Servers in detail.	L2	CO4
5. Write a short note a. Speedup b. Scaleup c. Interconnection Networks	L1	CO4
6. Draw and explain various parallel database architectures	L2	CO4
7. Describe Distributed system in detail.	L2	CO5
8. State and explain partitioning techniques. Compare all partition techniques with example.	L2	CO4
9. Explain following: a. Parallel sort b. Parallel join c. How to calculate the cost of parallel evaluation on operation	L2	CO5
10. Explain Interoperation parallelism.	L2	CO5
11. Explain parallelism on multicore processors.	L2	CO5
12. Write a short note on a. Data Replication b. Data Fragmentation c. Transparency	L1	CO5
13. Explain distributed transaction.	L2	CO5
14. Explain 2PC. How to handle failures using 2PC.	L2	CO2,5
15. Explain concurrency control in distributed database.	L2	CO2,5
16. What is availability? Explain it in detail.	L2	CO5
17. Explain distributed query processing	L2	CO5
18. Explain Heterogeneous distributed Databases	L2	CO5
19. Explain Data storage systems on the cloud	L2	CO5

Ms. Pande N. S. Mr. Bhandare M. N.

Subject incharge(BE CSE-I) **Subject incharge(** BE CSE-II)