**Acharya Institute of Technology**

**Bangalore 560107.**

Department of Computer Science and Engineering

**Assignment – 1**

Sub with Code: NOSQL DATABASE (21CS745)

Semester/Section:7 (A, B, C, D)

1. What is NoSQL? Explain briefly about aggregate data models with a neat diagram?
2. Explain briefly about impedance mismatch, with a neat diagram?
3. Write short notes on
4. Consequences of Aggregate Orientation
5. Key-value data model
6. Document data model
7. Column family stores
8. Graph database
9. What are Schemaless databases? Explain in detail?
10. What are distribution models? Explain two paths of data distribution?
11. Write short notes on
12. Single Server
13. Combining Sharding and Replication distribution data model.
14. Explain about Update and Read Consistency with an example?
15. Explain about CAP Theorem