

Course name: B.Tech Computer Science

Semester: IV

Paper Code: DS

Paper name: Database Systems

Taught by: Diksha Jain

Work plan:

No. of Lectures Per Week

3

| Week | Start Date | Topics to be covered | Book Referred |
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| Week 1 | 8th Jan | Chapter 1: 1.1 to 1.6 | [1] |
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| Week 2 | 12th Jan | Chapter 1: 1.7 to 1.8 | [1] |
| | | Chapter 3: 3.1 to 3.2 | [1] |
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| Week 3 | 19th Jan | Chapter 3: 3.3 to 3.4 | [1] |
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| Week 4 | 26th Jan | Chapter 3: 3.5 to 3.7 | [1] |
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| Week 5 | 2nd Feb | Chapter 4: 4.1 to 4.3 | [1] |
| | | Assignment | |
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| Week 6 | 9th Feb | Chapter 4: 4.4 and 4.5 | [1] |
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| Week 7 | 16th Feb | Chapter 5: 5.1 to 5.2 | [1] |
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| Week 8 | 23rd Feb | Chapter 5: 5.3 | [1] |
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| Week 9 | 2nd Mar | Chapter 6: 6.1 and 6.2 | [1] |
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| Week 10 | 9th Mar | Chapter 6: 6.3 to 6.5 | [1] |
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| Week 11 | 16th Mar | MID SEM BREAK | |
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| Week 12 | 23rd Mar | Chapter 7 | [1] |
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| Week 13 | 30th Mar | Chapter 10: 10.1 to 10.2.2 | [1] |
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| Week 14 | 6th Apr | Chapter 10: 10.3 to 10.5 | [1] |
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| Week 15 | 13th Apr | Chapter 17: 17.1 to 17.2 | [1] |

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| Week 16 | 20th Apr | Chapter 17: 17.3 | [1] |

Book Referred

[1] R. Elmasri, S.B. Navathe, *Fundamentals of Database Systems*, 5th edition, Pearson Education