



COLLEGE OF ENGINEERING & TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING

DEPARTMENT

B.E. 3rd SEMESTER

SUBJECT: DATABASE MANAGEMENT SYSTEM

SUBJECT CODE: 3130703

| Sr. No. | Topic | Link | By |
|---------|-----------------------------------|---|-------|
| 1 | DATABASE ARCHITECTURE | https://www.youtube.com/watch?v=AAKUqHBuzk4 | NPTEL |
| 2 | DATA MODELS | https://www.youtube.com/watch?v=xcu40g21oiY&list=PLyvBGMFYV3auVdxQ1-88ivNFpmUEy-U3M&index=2 | NPTEL |
| 3 | RELATIONAL QUERY LANGUAGE | https://www.youtube.com/watch?v=iHrvzgQxybY | NPTEL |
| 4 | RELATIONAL DATABASE DESIGN | https://www.youtube.com/watch?v=K5jqNjnE-pE | NPTEL |
| 5 | QUERY PROCESSING AND OPTIMIZATION | https://www.youtube.com/watch?v=Sn_Wkf9KNEg | NPTEL |
| 6 | INDICES | https://www.youtube.com/watch?v=eTiuaFfaSXQ | NPTEL |
| 7 | HASHING | https://www.youtube.com/watch?v=zCa6DJTjkhg&list=PL-zLo58JCM3BkfC_wlAosP5VTLV9ObiW1&index=18 | |
| 8 | TRANSACTION PROCESSING | https://www.youtube.com/watch?v=5ammL5KU4mo | NPTEL |
| 9 | SQL | https://www.youtube.com/watch?v=w1XdPholzWY&list=PL3pGy4HtqwD3Ov1J2UBTfsLgxUzUktTAM&index=7 | NPTEL |

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| | https://www.youtube.com/watch?v=ywUn5qNmxNo&list=PL3pGy4HtqwD3Ov1J2UBTfsLgxUzUktTAM&index=8 | |
| | https://www.youtube.com/watch?v=fsDBUDKC_iM&list=PL3pGy4HtqwD3Ov1J2UBTfsLgxUzUktTAM&index=9 | |
| | https://www.youtube.com/watch?v=A0h9DFU0xEc&list=PL3pGy4HtqwD3Ov1J2UBTfsLgxUzUktTAM&index=10 | |
| | https://www.youtube.com/watch?v=xACa5cEeUBg&list=PL3pGy4HtqwD3Ov1J2UBTfsLgxUzUktTAM&index=11 | |

