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Department of Computer Science & Engineering

URL LINK - 17 SCHEME ODD SEM

| SN | Subject code | Subject Name | URL Links |
|----|--------------|----------------------------------|--|
| 01 | 17CS32 | Analog & Digital Electronics | https://www.geeksforgeeks.org/introduction-of-k-map-karnaugh-map/ https://www.javatpoint.com/karnaugh-map-in-digital-electronics https://www.scienceabc.com/innovation/whats-the-difference-between-analog-and-digital-circuits.html https://www.javatpoint.com/computer-registers https://www.electronics-tutorials.ws/combination/comb_2.html https://www.javatpoint.com/vhdl |
| 02 | 17CS33 | Data Structures and Applications | https://csveda.com/data-structure/applications-of-data-structures/ https://www.geeksforgeeks.org/difference-between-linear-and-non-linear-data-structures/ https://dzone.com/articles/data-structures-and-their-applications https://www.azdocuments.in/2020/01/data-structures-and-application-18cs32.html?m=1 https://dzone.com/articles/data-structures-and-their-applications https://www.integralist.co.uk/posts/data-types-and-data-structures/ |
| 03 | 17CS34 | Computer Organization | https://www.slideshare.net/KamalAcharya/micro-programmed-control-unit https://www.learncomputerscienceonline.com/machine-instruction/ |

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| | | | <p>https://www.geeksforgeeks.org/cache-memory-in-computer-organization/ https://www.cise.ufl.edu/~mssz/CompOrg/CDA-arith.html</p> <p>https://www.geeksforgeeks.org/types-of-machine-instructions/</p> <p>https://www.slideshare.net/KamalAcharya/micro-programmed-control-unit</p> <p>https://www.lkouniv.ac.in/site/writereaddata/siteContent/202004221613338445rohith_engg_pipelining_and_hazzard.pdf</p> |
| 04 | 17CS36 | Discrete Mathematical Structures | <p>https://math.libretexts.org/Bookshelves/Combinatorics and Discrete Mathematics/Elementary Number Theory (Raji)/01%3A Introduction/1.02%3A The Well Ordering Principle and Mathematical Induction</p> <p>https://www.tutorialspoint.com/discrete_mathematics/discrete_mathematics_relations.htm</p> <p>https://www.slideshare.net/uyar/discrete-mathematics-relations-and-functions</p> <p>https://brilliant.org/wiki/principle-of-inclusion-and-exclusion-pie/</p> <p>https://www.tutorialspoint.com/discrete_mathematics/discrete_mathematics_functions.htm</p> <p>https://www.cs.utexas.edu/~isil/cs311h/lecture-graph1b-6up.pdf</p> <p>https://www.tutorialspoint.com/discrete_mathematics/graph_and_graph_models.htm</p> |
| 01 | 17CS51 | Management & Entrepreneurship | <p>https://byjus.com/commerce/difference-between-management-and-entrepreneurship/</p> <p>https://qsstudy.com/relationship-entrepreneurship-management/</p> <p>https://www.managementstudyguide.com/intellectual-property-rights.htm</p> <p>https://www.tgilt.com/erp-selection-resources/erp-software-selection-process/erp-project-planning</p> |

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| | | | <p>https://www.netsuite.com/portal/resources/articles/erp/erp-implementation-phases.shtml</p> <p>https://www.hdfcbank.com/personal/resources/learning-centre/borrow/difference-between-micro-small-and-medium-enterprises</p> |
| 02 | 17CS52 | Computer networks | <p>https://www.geeksforgeeks.org/application-layer-in-osi-model/</p> <p>https://www.router-switch.com/faq/what-is-application-layer-the-functions-and-examples-of-application-layer.html</p> <p>javatpoint.com/computer-network-application-layer</p> <p>https://www.geeksforgeeks.org/congestion-control-techniques-in-computer-networks/</p> <p>https://www.cse.wustl.edu/~jain/cis788-95/ftp/atm_cong/index.html</p> <p>https://www.gatevidyalay.com/distance-vector-routing-routing-algorithms/</p> |
| 03 | 17CS53 | Database Management System (DBMS) | <p>https://www.javatpoint.com/dbms-architecture</p> <p>https://medium.com/oceanize-geeks/concepts-of-database-architecture-dfdc558a93e4</p> <p>https://learnsql.com/blog/what-is-advanced-sql/</p> <p>https://www.khanacademy.org/computing/computer-programming/sql/more-advanced-sql-queries/pt/more-complex-queries-with-andor</p> <p>https://www.studytonight.com/dbms/database-normalization.php</p> <p>https://www.guru99.com/database-normalization.html</p> <p>https://www.javatpoint.com/dbms-normalization</p> |

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| 04 | 17CS54 | Automata theory & Computational Intelligence (ATC) | <p>https://www.elprocus.com/finite-state-machine-mealy-state-machine-and-moore-state-machine/</p> <p>https://brilliant.org/wiki/finite-state-machines/</p> <p>http://www.math.uaa.alaska.edu/~afkjm/csce351/handouts/pda.pdf</p> <p>https://www.tutorialspoint.com/automata_theory/turing_machine_introduction.htm</p> <p>https://plato.stanford.edu/entries/turing-machine/</p> <p>https://www.geeksforgeeks.org/turing-machine-in-toc/</p> <p>https://scanfree.com/automata/linear-bounded-automata</p> |
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