

Dronacharya College of Engineering, Gurgaon

Department of Electronics and Computer Engineering

Session 2014-2015

Subject: Discrete Structure

Semester/Branch: III ECS

Topic	Link
Propositional Logic	https://www.youtube.com/watch?feature=player_embedded&v=xIUfKMKSB3Y
Propositional Logic (Contd.)	https://www.youtube.com/watch?feature=player_embedded&v=0uTE24o3q-o
Predicates & Quantifiers	https://www.youtube.com/watch?feature=player_embedded&v=DmCltf8ypks
Predicates & Quantifiers (Contd.)	https://www.youtube.com/watch?feature=player_embedded&v=jNeISigUCo0
Logical Inference	https://www.youtube.com/watch?feature=player_embedded&v=kZ6UqFm8lnw
Resolution Principles & Application to PROLOG	https://www.youtube.com/watch?feature=player_embedded&v=rwZxR2YRpE
Methods of Proof	https://www.youtube.com/watch?feature=player_embedded&v=0gfILmuhHOG
Normal Forms	https://www.youtube.com/watch?feature=player_embedded&v=rzxJ1nN_J4g
Proving programs correct (Contd.)	https://www.youtube.com/watch?feature=player_embedded&v=WoPuWLNdtOY
Sets	https://www.youtube.com/watch?feature=player_embedded&v=9AUCdsmBGmA
Induction	https://www.youtube.com/watch?feature=player_embedded&v=oU60TuGHxe0
Set Operations	https://www.youtube.com/watch?feature=player_embedded&v=7k4Di5u-oUU

On Strings	
Relations	https://www.youtube.com/watch?feature=player_embedded&v=BIKq9Xo_5A
Graphs	https://www.youtube.com/watch?feature=player_embedded&v=RMLR2JHHeW_o
Graphs (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=nf9e0_ylGdc
Trees	https://www.youtube.com/watch?feature=player_embedded&v=q0woiOp7sqU
Trees And Graphs	https://www.youtube.com/watch?feature=player_embedded&v=fZqfkJ-cb28
Special Properties Of Relations	https://www.youtube.com/watch?feature=player_embedded&v=6WGWFwgXhd4
Closure Of Relations	https://www.youtube.com/watch?feature=player_embedded&v=xuhZSt4Rw0k
Closure Properties Of Relations	https://www.youtube.com/watch?feature=player_embedded&v=EN0JhX7phZo
Order Relations	https://www.youtube.com/watch?feature=player_embedded&v=buXrxLfaF94
Order Relations And Equivalence Relations	https://www.youtube.com/watch?feature=player_embedded&v=Fk8nJjzohr8
Equivalence Relations And Partitions	https://www.youtube.com/watch?feature=player_embedded&v=uOE7rSKTDbo
Functions	https://www.youtube.com/watch?feature=player_embedded&v=7cTWea9YAJE
Functions (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=695iAm935cY
Functions (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=ZECJHfsf4Vs
Pigeonhole Principle	https://www.youtube.com/watch?feature=player_embedded&v=Eick163K5Eo
Permutations And Combinations	https://www.youtube.com/watch?feature=player_embedded&v=Dsi7x-A89Mw

Permutations And Combinations (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=74l6t4_4pDg
Generating Functions	https://www.youtube.com/watch?feature=player_embedded&v=4d2XEn1j_q4
Generating Functions (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=FDKXPDK8ZhQ
Recurrence Relations	https://www.youtube.com/watch?feature=player_embedded&v=qvw1GX93JSY
Recurrence Relations (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=ImLM1Vsr35c
Recurrence Relations (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=vNf_XY7G0uo
Algebras	https://www.youtube.com/watch?feature=player_embedded&v=dQ4wU0k7JKI
Algebras (Continued)	https://www.youtube.com/watch?feature=player_embedded&v=urd468CJCcU
Lattices	https://www.youtube.com/watch?feature=player_embedded&v=qPtGlrB_sXg