

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Content Developed

S.No	Name of the Faculty	Course Title	You tube Video Link
1.	Dr V.LATHA JOTHI	Optimal Binary Search Trees	https://youtu.be/g20bLO7ZHSs
2.	Dr V.LATHA JOTHI	Warshall Algorithm	https://youtu.be/61SyR9xTwEw
3.	Dr V.LATHA JOTHI	Floyds' Algorithm	https://youtu.be/fgwZYGUvCac
4.	Dr V.LATHA JOTHI	Finding the Binomial Coefficient using Dyna Programming	https://youtu.be/SS_EB3AqV_0
5.	Dr V.LATHA JOTHI	Knapsack Problem	https://youtu.be/SS_EB3AqV_0
6.	Dr V.LATHA JOTHI	Backtracking	https://youtu.be/-Nz94u259uc
7.	Dr V.LATHA JOTHI	Memory Functions	https://youtu.be/CIAETZQC6JA
8.	Dr V.LATHA JOTHI	Converting infix Expression to Postfix Expres	https://www.youtube.com/watch?v=OauHaw
9.	Dr V.LATHA JOTHI	Implementation of Stack using Linked List	https://youtu.be/WadqL4UfVcc
10.	Dr V.LATHA JOTHI	Array implementation of List	https://www.youtube.com/watch?v=Mdgvn0
11.	Dr V.LATHA JOTHI	Inserion into a Linked List	https://youtu.be/6nASRX3CysY
12.	Dr V.LATHA JOTHI	To find the Factorial of a number using C pro	https://youtu.be/IJ_qV3tPG3g
13.	Dr V.LATHA JOTHI	Generating Fibonacci series using C program	https://youtu.be/wzGLJ52OiCQ
14.	Dr.S.KAYALVILI	Fayols 14 Principles of Management	https://www.youtube.com/watch?v=HNch
15.	Dr.S.KAYALVILI	Managerial Roles	https://www.youtube.com/watch?v=vpO2ATQ
16.	Ms.M.MOHANASUNDA	Parsing Techniques	https://www.youtube.com/watch?v=V3O-eYvjAFo&t=9s
17.	Mr.S.VIVEKANANDAN	Software Testing Life Cycle	https://youtu.be/KtwPWXJdyng
18.	Mr.S.VIVEKANANDAN	Software Quality, Quality Assurance, Quality Control	https://youtu.be/VAuiNkRTtEE
19.	Mr.S.VIVEKANANDAN	Spiral Model of SDLC	https://youtu.be/z_TVcdwLKmQ
20.	Mr.S.VIVEKANANDAN	Types Software Testing	https://youtu.be/sLcywBqi95s
21.	Mr.S.VIVEKANANDAN	V Model ia Software Testing	https://youtu.be/eZrziCDZehM Wz6o
22.	Mr.S.VIVEKANANDAN	Water fall Model	https://youtu.be/ZwrFqjjWS5U

22.	Ms.K.MOHANAPRIYA	Huffman coding	https://www.youtube.com/watch?v=NlX94M
23.	Ms.K.MOHANAPRIYA	lempel ziv encoding	https://www.youtube.com/watch?v=FkhvQE
24.	Ms.K.MOHANAPRIYA	Phases of compiler	https://youtu.be/lKkJAq6R1_E
25.	Ms.D.LAVANYA	Conversion of CFG to PDA	https://youtu.be/Cul6y5MMCOk
26.	Ms.D.LAVANYA	Conversion of PDA to CFG	https://youtu.be/fUajZVn3f2E
27.	Ms.D.LAVANYA	Turing Machine problem	https://youtu.be/SdzqEp5VQP0
28.	Ms.D.LAVANYA	Turing machine problem for subtraction	https://www.youtube.com/watch?v=dMx3YXI
29.	Ms.D.LAVANYA	Turing machine for addition	https://www.youtube.com/watch?v=qXLYeJdJSHk
30.	Ms.D.LAVANYA	Turing Machine problem 2	https://youtu.be/gWPIFUYgPYY
31.	Ms.S.SUBATHRA	Conversion of PDA to CFG	https://youtu.be/1YuH21SAUhY
32.	Ms.S.SUBATHRA	Conversion of CFG to PDA	https://youtu.be/nqYFQLJyOJO
33.	Ms.S.SUBATHRA	Rules for conversion of CFG to PDA	https://youtu.be/6ovwRe1au14
34.	Ms.S.SUBATHRA	Turing machine -Introduction	https://youtu.be/vuIPcoeu8hQ
35.	Ms.S.SUBATHRA	Multi tape Turing machine	https://youtu.be/9QXrO9EHd8Y
36.	Ms.S.SUBATHRA	Multiple track turing machine problems	https://youtu.be/ofkoc55tx60
37.	Ms.S.VISHNUPPRIYA	C program for passing Structure to Function	https://www.youtube.com/watch?v=8AL8bZ8
38.	Ms.S.VISHNUPPRIYA	File opening and closing in C	https://www.youtube.com/watch?v=NqjZJY
39.	Ms.S.VISHNUPPRIYA	C program for Structure using Pointer	https://www.youtube.com/watch?v=dMx3YXI
40.	Ms.S.NITHYA	Deployment and component diagram	https://youtu.be/TRjKqHhe-kg
41.	Ms.S.NITHYA	StateDiagram	https://youtu.be/lhRZELiT4Vk
42.	Ms.S.NITHYA	Applying Design Pattern	https://youtu.be/2YG31UxD7go
43.	Ms.S.NITHYA	High cohesion and controller	https://youtu.be/Rp9MjNrjs4s
44.	Ms.S.PONNI	Android Testing	https://youtu.be/yM6_MC2SUOw

45.	Ms.S.PONNI	Publishing an App	https://youtu.be/b5xr5aVtZBg
46.	Ms.S.PONNI	Mapping Design to Code	https://youtu.be/196HGRpAMTQ
47.	Ms.S.PONNI	Design Patterns -1	https://youtu.be/teD9N9860hM
48.	Ms.S.PONNI	Design Patterns - 2	https://youtu.be/0yTG7dWA_Ns
49.	Ms.S.PONNI	Multimedia in Android	https://youtu.be/FEiOQcMM-IU
50.	Ms.S.PONNI	Component Diagram	https://youtu.be/3YawFf3j_oY
51.	Ms.S.PONNI	State Diagram	https://youtu.be/lhRZELi4Vk
52.	Mr.R.SATHYARAJ	Computer Architecture-First version of multiplication algorithm	https://youtu.be/-kBfxuBTRz8
53.	Mr.R.SATHYARAJ	Computer Architecture-Final version of multiplication algorithm	https://youtu.be/Hs0RtWuyls
54.	Mr.A.P GOPU	Encryption and Decryption Using RSA Algorithm	https://youtu.be/n1BIJUQ89Vg
55.	Mr.A.P GOPU	Solving problems based on chinese remainder theorem	https://youtu.be/FeveVDsw0ZQ
56.	Ms.S.KEERTHIKA	Waterfall model	https://youtu.be/pIs5zlsz9pw
57.	Ms.S.KEERTHIKA	functional units in a computer	https://youtu.be/v5KTjrEooM0
58.	Ms.S.KEERTHIKA	phases of software testing	https://youtu.be/ukX1F-fynog
59.	Dr.M.DEEPA	Introduction to Python Programming	https://youtu.be/1gXQoajAi8k
60.	Dr.M.DEEPA	Python Programming- Data types	https://youtu.be/Mi6h_CeBt9A
61.	Ms.M.PRIYAVARSHINI	Python DataTypes	https://youtu.be/H_cYzc9iNNU
62.	Ms.M.PRIYAVARSHINI	Operators in Python Programming	https://youtu.be/Kq5e0EO6Zas
63.	Ms.M.PRIYAVARSHINI	Identifiers in Python Programming	https://youtu.be/ck1xxHLrn3I
64.	Ms.M.THILAGARANI	Classes and Object	https://youtu.be/D-Jh3D-nU5c
65.	Ms.I.NIVETHA	Java-Collections	https://youtu.be/47aRT6C-dsU?si=1lwZaD_Hil42SIoc
66.	Ms.D.YAMUNATHANGAM	Aggregate functions in MySQL	https://youtu.be/tJBPaYuF0hI
67.	Ms.D.YAMUNATHANGAM	Join operations in MYSQL	https://youtu.be/aWbbixJoQ8M
69.	Mr.S.SENTHILNATHAN	Theory of Computation	https://youtu.be/BfXqGfQyFg8
70.	Mr.S.SENTHILNATHAN	Information Retrieval	https://youtu.be/WhF5FB5iBtI
71.	Dr V KAVITHA	Problem Solving Methods	https://youtu.be/0cIGj2jmZKo?si=6Y-NAy58_--iWCTu
72.	Dr V KAVITHA	Uninformed Search Strategies	https://youtu.be/F_nKloVoZe8?si=RDA NRm5AV-LcTIuY