

**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	<a href="https://youtu.be/g20bLO7ZHSs">https://youtu.be/g20bLO7ZHSs</a>
2.	Dr V.LATHA JOTHI	Warshall Algorithm	<a href="https://youtu.be/61SyR9xTwEw">https://youtu.be/61SyR9xTwEw</a>
3.	Dr V.LATHA JOTHI	Floyds' Algorithm	<a href="https://youtu.be/fgwZYGUvCac">https://youtu.be/fgwZYGUvCac</a>
4.	Dr V.LATHA JOTHI	Finding the Binomial Coefficient using Dynamic Programming	<a href="https://youtu.be/SS_EB3AqV_0">https://youtu.be/SS_EB3AqV_0</a>
5.	Dr V.LATHA JOTHI	Knapsack Problem	<a href="https://youtu.be/SS_EB3AqV_0">https://youtu.be/SS_EB3AqV_0</a>
6.	Dr V.LATHA JOTHI	Backtracking	<a href="https://youtu.be/-Nz94u259uc">https://youtu.be/-Nz94u259uc</a>
7.	Dr V.LATHA JOTHI	Memory Functions	<a href="https://youtu.be/CIAETZQC6JA">https://youtu.be/CIAETZQC6JA</a>
8.	Dr V.LATHA JOTHI	Converting infix Expression to Postfix Expression	<a href="https://www.youtube.com/watch?v=OauHaw">https://www.youtube.com/watch?v=OauHaw</a>
9.	Dr V.LATHA JOTHI	Implementation of Stack using Linked List	<a href="https://youtu.be/WadqL4UfVcc">https://youtu.be/WadqL4UfVcc</a>
10.	Dr V.LATHA JOTHI	Array implementation of List	<a href="https://www.youtube.com/watch?v=Mdgn0">https://www.youtube.com/watch?v=Mdgn0</a>
11.	Dr V.LATHA JOTHI	Insertion into a Linked List	<a href="https://youtu.be/6nASRX3CysY">https://youtu.be/6nASRX3CysY</a>
12.	Dr V.LATHA JOTHI	To find the Factorial of a number using C program	<a href="https://youtu.be/IJ_qV3tPG3g">https://youtu.be/IJ_qV3tPG3g</a>
13.	Dr V.LATHA JOTHI	Generating Fibonacci series using C program	<a href="https://youtu.be/wzGLJ52OiCQ">https://youtu.be/wzGLJ52OiCQ</a>
14.	Dr.S.SADESH	Decision Tree Induction	<a href="https://youtu.be/hC1bTsmihho">https://youtu.be/hC1bTsmihho</a>
15.	Dr.S.SADESH	Bayesian classification	<a href="https://youtu.be/6yJt-5NIMOE">https://youtu.be/6yJt-5NIMOE</a>
16.	Dr.S.SADESH	KNN Classification	<a href="https://youtu.be/rKO1EJFwa7E">https://youtu.be/rKO1EJFwa7E</a>
17.	Dr.S.SADESH	Classification	<a href="https://youtu.be/Rn4Kz4dTtx4">https://youtu.be/Rn4Kz4dTtx4</a>
18.	Dr.S.SADESH	Decision Tree Induction	<a href="https://youtu.be/hC1bTsmihho">https://youtu.be/hC1bTsmihho</a>
19.	Dr.S.KAYALVILI	Fayols 14 Principles of Management	<a href="https://www.youtube.com/watch?v=HNcf">https://www.youtube.com/watch?v=HNcf</a>

			Wz6o
20.	Dr.S.KAYALVILI	Managerial Roles	<a href="https://www.youtube.com/watch?v=vpO2ATQ">https://www.youtube.com/watch?v=vpO2ATQ</a>
21.	Ms.M.MOHANASUNDA	Parsing Techniques	<a href="https://www.youtube.com/watch?v=V3O-eYvjAFo&amp;t=9s">https://www.youtube.com/watch?v=V3O-eYvjAFo&amp;t=9s</a>
22.	Mr.S.VIVEKANANDAN	Software Testing Life Cycle	<a href="https://youtu.be/KtwPWXJdyng">https://youtu.be/KtwPWXJdyng</a>
23.	Mr.S.VIVEKANANDAN	Software Quality, Quality Assurance, Quality Control	<a href="https://youtu.be/VAuiNkRTtEE">https://youtu.be/VAuiNkRTtEE</a>
24.	Mr.S.VIVEKANANDAN	Spiral Model of SDLC	<a href="https://youtu.be/z_TVcdwLKmQ">https://youtu.be/z_TVcdwLKmQ</a>
25.	Mr.S.VIVEKANANDAN	Types Software Testing	<a href="https://youtu.be/sLcywBqi95s">https://youtu.be/sLcywBqi95s</a>
26.	Mr.S.VIVEKANANDAN	V Model ia Software Testing	<a href="https://youtu.be/eZrziCDZehM">https://youtu.be/eZrziCDZehM</a>
27.	Mr.S.VIVEKANANDAN	Water fall Model	<a href="https://youtu.be/ZwrFqjjWS5U">https://youtu.be/ZwrFqjjWS5U</a>
28.	Ms.K.MOHANAPRIYA	Huffman coding	<a href="https://www.youtube.com/watch?v=NIX94M">https://www.youtube.com/watch?v=NIX94M</a>
29.	Ms.K.MOHANAPRIYA	lempel ziv encoding	<a href="https://www.youtube.com/watch?v=FkhvQE">https://www.youtube.com/watch?v=FkhvQE</a>
30.	Ms.K.MOHANAPRIYA	Phases of compiler	<a href="https://youtu.be/lKkJAq6R1_E">https://youtu.be/lKkJAq6R1_E</a>
31.	Ms.D.LAVANYA	Conversion of CFG to PDA	<a href="https://youtu.be/Cul6y5MMCOk">https://youtu.be/Cul6y5MMCOk</a>
32.	Ms.D.LAVANYA	Conversion of PDA to CFG	<a href="https://youtu.be/fUajZVn3f2E">https://youtu.be/fUajZVn3f2E</a>
33.	Ms.D.LAVANYA	Turing Machine problem	<a href="https://youtu.be/SdzqEp5VQP0">https://youtu.be/SdzqEp5VQP0</a>
34.	Ms.D.LAVANYA	Turing machine problem for subtraction	<a href="https://www.youtube.com/watch?v=dMx3YXI">https://www.youtube.com/watch?v=dMx3YXI</a>
35.	Ms.D.LAVANYA	Turing machine for addition	<a href="https://www.youtube.com/watch?v=qXLYejdJSHk">https://www.youtube.com/watch?v=qXLYejdJSHk</a>
36.	Ms.D.LAVANYA	Turing Machine problem 2	<a href="https://youtu.be/gWPIFUYgPYY">https://youtu.be/gWPIFUYgPYY</a>
37.	Ms.S.SUBATHRA	Conversion of PDA to CFG	<a href="https://youtu.be/1YuH21SAUhY">https://youtu.be/1YuH21SAUhY</a>
38.	Ms.S.SUBATHRA	Conversion of CFG to PDA	<a href="https://youtu.be/nqYFQLjyOJO">https://youtu.be/nqYFQLjyOJO</a>
39.	Ms.S.SUBATHRA	Rules for conversion of CFG to PDA	<a href="https://youtu.be/6ovwRe1au14">https://youtu.be/6ovwRe1au14</a>

40.	Ms.S.SUBATHRA	Turing machine -Introduction	<a href="https://youtu.be/vuIPcoeu8hQ">https://youtu.be/vuIPcoeu8hQ</a>
41.	Ms.S.SUBATHRA	Multi tape Turing machine	<a href="https://youtu.be/9QXrO9EHd8Y">https://youtu.be/9QXrO9EHd8Y</a>
42.	Ms.S.SUBATHRA	Multiple track turing machine problems	<a href="https://youtu.be/ofkoc55tx60">https://youtu.be/ofkoc55tx60</a>
43.	Ms.S.VISHNUPPRIYA	C program for passing Structure to Function	<a href="https://www.youtube.com/watch?v=8AL8bZ8">https://www.youtube.com/watch?v=8AL8bZ8</a>
44.	Ms.S.VISHNUPPRIYA	File opening and closing in C	<a href="https://www.youtube.com/watch?v=NqjZJY">https://www.youtube.com/watch?v=NqjZJY</a>
45.	Ms.S.VISHNUPPRIYA	C program for Structure using Pointer	<a href="https://www.youtube.com/watch?v=dMx3YXI">https://www.youtube.com/watch?v=dMx3YXI</a>
46.	Ms.S.NITHYA	Deployment and component diagram	<a href="https://youtu.be/TRjKqHhe-kg">https://youtu.be/TRjKqHhe-kg</a>
47.	Ms.S.NITHYA	StateDiagram	<a href="https://youtu.be/lhRZeliT4Vk">https://youtu.be/lhRZeliT4Vk</a>
48.	Ms.S.NITHYA	Applying Design Pattern	<a href="https://youtu.be/2YG31UxD7go">https://youtu.be/2YG31UxD7go</a>
49.	Ms.S.NITHYA	High cohesion and controller	<a href="https://youtu.be/Rp9MjNrjs4s">https://youtu.be/Rp9MjNrjs4s</a>
50.	Ms.S.PONNI	Android Testing	<a href="https://youtu.be/yM6_MC2SUOw">https://youtu.be/yM6_MC2SUOw</a>
51.	Ms.S.PONNI	Publishing an App	<a href="https://youtu.be/b5xr5aVtZBg">https://youtu.be/b5xr5aVtZBg</a>
52.	Ms.S.PONNI	Mapping Design to Code	<a href="https://youtu.be/196HGRpAMTQ">https://youtu.be/196HGRpAMTQ</a>
53.	Ms.S.PONNI	Design Patterns -1	<a href="https://youtu.be/teD9N9860hM">https://youtu.be/teD9N9860hM</a>
54.	Ms.S.PONNI	Design Patterns - 2	<a href="https://youtu.be/0yTG7dWA_Ns">https://youtu.be/0yTG7dWA_Ns</a>
55.	Ms.S.PONNI	Multimedia in Android	<a href="https://youtu.be/FEiOQcMM-IU">https://youtu.be/FEiOQcMM-IU</a>
56.	Ms.S.PONNI	Component Diagram	<a href="https://youtu.be/3YawFf3j_oY">https://youtu.be/3YawFf3j_oY</a>
57.	Ms.S.PONNI	State Diagram	<a href="https://youtu.be/lhRZeliT4Vk">https://youtu.be/lhRZeliT4Vk</a>
58.	Mr.R.SATHYARAJ	Computer Architecture-First version of multiplication algorithm	<a href="https://youtu.be/-kBFxuBTRz8">https://youtu.be/-kBFxuBTRz8</a>
59.	Mr.R.SATHYARAJ	Computer Architecture-Final version of multiplication algorithm	<a href="https://youtu.be/_Hs0RtWuyls">https://youtu.be/_Hs0RtWuyls</a>
60.	Mr.A.P GOPU	Encryption and Decryption Using RSA Algorithm	<a href="https://youtu.be/n1BIJUQ89Vg">https://youtu.be/n1BIJUQ89Vg</a>

61.	Mr.A.P GOPU	Solving problems based on chinese remainder theorem	<a href="https://youtu.be/FeveVDsw0ZQ">https://youtu.be/FeveVDsw0ZQ</a>
62.	Ms.S.KEERTHIKA	Waterfall model	<a href="https://youtu.be/pIs5zlsz9pw">https://youtu.be/pIs5zlsz9pw</a>
63.	Ms.S.KEERTHIKA	functional units in a computer	<a href="https://youtu.be/v5KTjrEooM0">https://youtu.be/v5KTjrEooM0</a>
64.	Ms.S.KEERTHIKA	phases of software testing	<a href="https://youtu.be/ukX1F-fynog">https://youtu.be/ukX1F-fynog</a>
65.	Dr.M.DEEPA	Introduction to Python Programming	<a href="https://youtu.be/1gXQoajAi8k">https://youtu.be/1gXQoajAi8k</a>
66.	Dr.M.DEEPA	Python Programming- Data types	<a href="https://youtu.be/Mi6h_CeBt9A">https://youtu.be/Mi6h_CeBt9A</a>
67.	Ms.M.PRIYAVARSHINI	Python DataTypes	<a href="https://youtu.be/H_cYzc9iNNU">https://youtu.be/H_cYzc9iNNU</a>
68.	Ms.M.PRIYAVARSHINI	Operators in Python Programming	<a href="https://youtu.be/Kq5e0EO6Zas">https://youtu.be/Kq5e0EO6Zas</a>
69.	Ms.M.PRIYAVARSHINI	Identifiers in Python Programming	<a href="https://youtu.be/ck1xxHLrn3I">https://youtu.be/ck1xxHLrn3I</a>