	Design & Finalysis of Algorithm
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	Unit 1:-
	1) Introduction & Fundamentale of Algorithm
	2) Complexite Analysis of Algorithm
	1) Introduction & Fundamentale of Algorithm 2) Complexity Analysis of Algorithm 3) Insertion Sort
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H	Algorithm Design baradigme. 5) Designing an alogrithm & its analysis 6) Agent blic Notalina
H	5) Designing an alognithm & its analysis 6) Asymptotic Notation.
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	TI Kechagance relations
	8) Solution of recurrence relations / Wing substitution
	8) Solution of recurrence relations (Wing substitution Recursion tree method). 9) Mathematical analysis of Asymptotic Notation.
	9) Mathematical analysis of Asymptotic Notation
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Unit-2
1) Merge Soxt,
2) Quick foot Biograph Starch.
2) Quick Sort Binary Search. 3) Maximum & Minimum
3) Straucis Matrix Multiplication
5) Largest Rub-array.
6) Master Theorem
7) Cloud bais bankles
7) Clouet pais problem 8) Convex Hull.
3) CONVEX FLORI
12-1-2
1) Huffman Coding 2) Fractional knapsack
Huyman loding
27 tractional Knaplack
3) Pome Hypontan
4) Knykal'i Algorithm
5) 0/1 knapsack
6) Matrix chain Multiplication
7) Lorgest Common Subsequence
T/ FUI GAA! LANDING
8) Obbinal BST

- Queen's Pooblem Knapsack problem (Branch & Bound) DES & BES Floyd - Warshall Int nit-5 Into to Randomization & approximation Randomized hising problem Hamiltonian cycle sochistiability problem