

#### Stationers Similarly Worth

#### A. P. SHAH IMBRITTING OF TREEHMOLOGY

(Approved by AICTE New Bellsi & Covt. of Maharuchtra, Affiliated to University of Mumbal) (Religious Jain Minority)

Subject :- ADSAA

SEM -V (I.T)

## Module-3

# Divide & Conquer

approaches. They are as follows

- ① Divide & Conquer ② Greedy Algorithms ③ Dynamic Algorithms ④ Branch & bound Algorithms & many more

## Divide & Compuer:

It is top down approach for cons designing algorithm consist of following phases:

- 1) Divide: Divide the problem into subproblems
  that is similar to the original
  problem & smaller in size.
- 2) Conquer: solve the supproblem recursively.
  - combine these solution of all supproblems to create solution of 3) Combine: original problem



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A. P. SHAH INSHHHUHE OF HECHNOLOGY

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