

UNIT-II

CLOSED HASHING (OPEN ADDRESSING):

It resolves collisions in the prime area – that is that contains all of the home addresses. i.e. when a data item cannot be placed at the index calculated by the hash function, another location in the array is sought.

There are different methods of open addressing, which vary in the method used to find the next vacant cell.

They are

- (i) Linear probing
- (ii) Quadratic probing
- (iii) Pseudo random probing
- (iv) Double hashing
- (v) Key – offset