

SNS COLLEGE OF TECHNOLOGY



(An Autonomous Institution)
COIMBATORE-35

Accredited by NBA-AICTE and Accredited by NAAC – UGC with A++ Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

19GET277 / Biology For Engineers
IV YEAR / VII SEMESTER
UNIT-I: INTRODUCTION TO LIFE

Introduction to Biomolecules

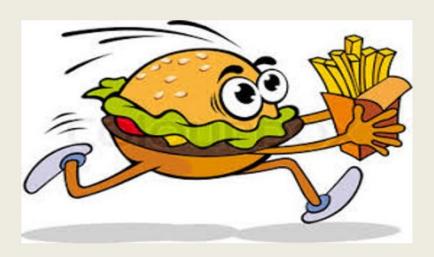
Dr.V.Savitha Associate Professor Department of CSE





INTRODUCTION OF BIOMOLECULES

CARBOHYDRATES







Biomolecule is the molecule that is present in all living organisms, involved in the maintenance and metabolic process

All Biomolecule contain CARBON

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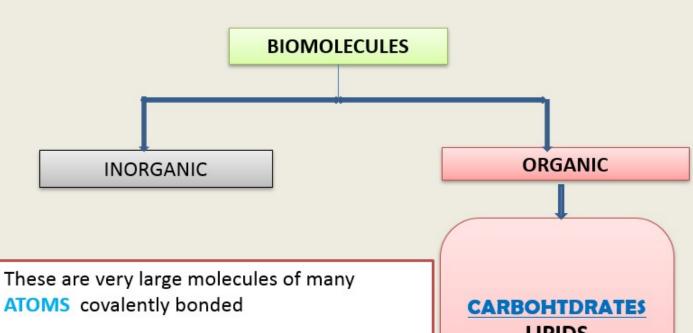
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- Carbon is the most versatile and prominent element of life
- Other elements
 - HYDROGEN(H)
 - OXYGEN(O)
 - NITROGEN (N)
 - > SULPHUR (S)
 - SODIUM (Na)
 - CALCIUM (Ca)
 - MAGNESIUM (Mg)







ENERGY is stored in the **COVALENT BONDS**.

When we eat ,we get ENERGY to lives because chemical reactions within our bodies break these bonds

LIPIDS

PROTEINS

NUCLIC ACIDS

ENZYMES VITAMINS





RECAP....



...THANK YOU