



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

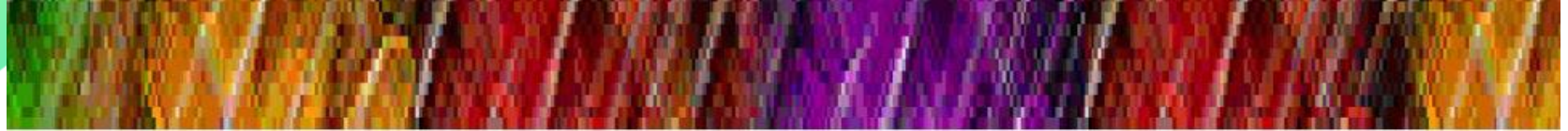


19GET277 / Biology For Engineers IV YEAR / VII SEMESTER UNIT-I: INTRODUCTION TO LIFE

Characteristics of living organisms



TOPIC OUTLINE



Organization

MULTICELLULAR ORGANISM

ORGAN SYSTEM

ORGAN

TISSUE

CELL

ORGANELLE

MOLECULE

ATOM (*smallest*)



CHARACTERISTICS OF LIVING THINGS

1. Are made up of cells

Unicellular – organisms that are made of only one cell

Multicellular – organisms that are made of more than one cell



CHARACTERISTICS OF LIVING THINGS

2. Reproduce to produce new organisms

Asexual reproduction - involves a single parent; progeny are genetically identical to the parent.

Sexual reproduction - involves 2 parents; progeny are genetically diverse.



3. Common Genetic Code

- All living organisms use the same language to pass genetic info on to offspring.
- DNA & RNA contain the code.



RECAP....



...THANK YOU