

GOVERNMENT DEGREE COLLEGE, CHEBROLE, GUNTUR DISTRICT

(Accredited by NAAC with 'B' Grade)



Phone No: 08644-254221

Pincode: 522212.

Email: jkc.chebrole@gmail.com

DEPARTMENT OF CHEMISTRY

COURSE NAME: Essential concepts of organic chemistry

SYLLABUS

UNIT-I (Nomenclature)

- Nomenclature of Organic compounds
- IUPAC SYSTEM
- Rules of writing IUPAC System
- IUPAC Names
- Illustrate solve examples

UNIT-2 (Methods of purification of organic compounds)

- Crystallisation
- Sublimation
- Fractional distillation
- Chromatography techniques

UNIT-3 (Fundamental concepts in Organic reaction mechanism)

- The Shapes of carbon compounds
- Functional groups
- Homologous series

B.L. Rao
Lecturer in *Chemistry*
Govt. Degree College
Chebrole-522 212

A. Reddy
Co-Ordinator
I.Q.A.C.,
Govt. Degree College
Chebrole, Guntur (Dt.)

V. Sridhar
PRINCIPAL
GOVT. DEGREE COLLEGE
CHEBROLE, Guntur Dt. (A.P.)

GOVERNMENT DEGREE COLLEGE CHEBROLE

DEPARTMENT OF CHEMISTRY

ADD ON COURSE

COURSE CODE: CHE 35

COURSE NAME: ESSENTIAL CONCEPTS OF ORGANIC CHEMISTRY

COURSE OUTCOMES

At the end of this course the students will able to

- 1.To make students familiar with IUPAC Nomenclature of organic compounds.
- 2.To make students understand about different intermediates in organic reactions.
- 3.To understand the shapes of different organic compounds.
4. To induce knowledge among students about isomerism has helped us in introducing safer and more effective drug alternatives of the newer as well as existing drugs.
5. To make students understand different purification methods in industries.

V. Sridhar
PRINCIPAL
GOVT. DEGREE COLLEGE
CHEBROLE, Guntur Dt. (A.P.)

S. A. L.
Co-Ordinator
I.Q.A.C.,
Govt. Degree College
Chebrole, Guntur (Dt.)

B. L. Rao
Lecturer in chemistry
Lecturer In.....
Govt. Degree College
Chebrole-522 212.