

Khed Taluka Shikshan Prasarak Mandal's
Mandal's Hutatma Rajguru Mahavidyalaya Rajgurunagar

Affiliated to S.P.Pune University, Pune

NAAC Reaccredited "B++" Grade (CGPA 2083), DST-FIST Recognized

College website: <https://www.hrmrajgurunagar.ac.in>, E-mail: hrmrajguru@yahoo.co.in,

Ph.No. 02135222099

Department of Chemistry

Teaching Plan 2023-24

Teacher Name : Nita D. Dongare

Class: F.Y.B.Sc.

Paper No.: II (CH-102)

Sem: I

Paper Name: Organic Chemistry

Total No. of Lectures: 36

Sr. No.	Chapter No.	Chapter name	No. of Lectures	Month
1	1	Fundamentals of organic Chemistry	09	July
2	2	Stereochemistry	14	August
3	3	Aliphatic Hydrocarbon	13	September/October

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Department of Chemistry

Teaching Plan 2023-24

Teacher Name : Nita D. Dongare

Class: F.Y.B.Sc.

Paper No.: II (CH-202)

Paper Name: Analytical Chemistry

Total No.: of Lectures Allotted: 36

Sr. No.	Chapter No.	Chapter name	No. of Lectures Allotted	Month
1	1	Introduction to Analytical Chemistry	03	December
2	2	Calculations used in Analytical Chemistry	10	January
3	3	Qualitative Analysis of Organic Compounds	05	January/February
4	4	pH meter	04	February
5	5	Chromatographic Techniques – Paper and Thin Layer Chromatography	14	March

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Department of Chemistry

Teaching Plan 2023-24

Teacher Name : Nita D. Dongare

Class: T.Y.B.Sc.

Sem: VI

Paper No.: II (CH-504)

Paper Name: Inorganic Chemistry-I

Total No.: of Lectures Allotted: 36

Total No.: of Lectures taken: 36

Sr. No.	Chapter No.	Chapter name	No. of Lectures Alloted	Month
1	1	Molecular Orbital Theory of Coordination Compounds	8	July
2	2	Inorganic Reaction Mechanism	6	August
3	3	Chemistry of Transition Elements	6	August/September
4	4	Chemistry of f-block elements	8	September
5	5	Metals, Semiconductors and Superconductors	8	October

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Teaching Plan 2023-24

Teacher Name : Nita D. Dongare

Class: T.Y.B.Sc.

Sem: VI

Paper No.: (CH-604)

Paper Name: Inorganic Chemistry-II

Total No.: of Lectures Allotted: 36

Sr. No.	Chapter No.	Chapter name	No. of Lectures Alloted	Month
1	1	Organometallic Chemistry	08	January
2	2	Homogeneous and Heterogeneous catalysis	10	January/February
3	3	Inorganic Polymers	08	February
4	4	Inorganic solids/ionic liquids of technological importance	05	March
5	5	Bioinorganic Chemistry	05	March

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Department of Chemistry

Teaching Plan 2023-24

Teacher Name : Nita D. Dongare

Class: T.Y.B.Sc.

Sem: VI

Paper No.: (CH-605)

Paper Name: Inorganic Chemistry-III

Total No.: of Lectures Allotted: 36

Sr. No.	Chapter No.	Chapter name	No. of Lectures	Month
1	1	Acid-base and Donor-accepter Chemistry	08	January
2	2	Ionic solid	10	January/February
3	3	Chemistry of Zeolites	08	February
4	4	Introduction to nanochemistry	05	March
5	5	Chemical Toxicology s	05	March