

**B.Sc CHEMISTRY**

<b>SEMESTER-I</b>	
<b>Course Code</b>	<b>Course Title</b>
EN1111	English I- Listening and Speaking Skills and four one act plays
	<u>Additional Language</u>
ML 1111.1	Malayala Kavitha
HN 1111.1	Prose, Literary Analysis and Grammar
LN 1111.1	Communication Skills in Latin
EN1121	Foundation Course - Writings on Contemporary Issues
MM1131.2	Complementary Course I - Differentiation and Matrices
PY1131.2	Complementary Course II- Rotational Dynamics & Properties of Matter
CH1141	Core Course 1- Basic Principles in Inorganic Chemistry
	Core Course Practical 1 of CH1141
<b>SEMESTER-II</b>	
<b>Course Code</b>	<b>Course Title</b>
EN1211.1	English II- Greening the Earth
EN1212.1	English III- Modern English Grammar and Usage
	<u>Addl Lang. II</u>
ML 1211.1	Gadhya sahithyam
HN 1211.1	Fiction , Creative Writing and Communication Skills
LT 1211.1	Translation and Communication in Latin
CH1221	Foundation Course II- Methodology and Perspectives of Sciences and General Informatics
MM1231.2	Complementary Course III- Integration, Differential Equations And Analytic Geometry
PY1231.2	Complementary Course IV-Thermal Physics
<b>SEMESTER-III</b>	
<b>Course Code</b>	<b>Course Title</b>
EN1311	English –IV- Writing and Presentation Skills
	<u>Addl Lang. III</u>
ML 1311.1	Drishyakala sahithyam
HN 1311.1	Drama, One act plays Translation and Communication.
LT 1311.1	Literature in Latin
CH1341	Core Course II- Inorganic Chemistry-II
	Core Course Practical 1 of CH1341
MM1331.2	Complementary Course –V-Theory of Eqs and Vector Analysis
PY1331.2	Complementary Course –VI-Optics, Magnetism & Electricity

<b>SEMESTER-IV</b>	
<b>Course Code</b>	<b>Course Title</b>
EN1411	English –V- Readings in Literature
ML 1411.1 HN 1411.1 LT 1411.1	<u>Addl Lang. IV</u> Vinimayam, Sargathmaka Rachana, Bhashavabodham Poetry, Long Poems and Culture Culture and Civilization in Latin
MM1431.2	Complementary Course –VII-Abstract Algebra, Linear Transformations Co-ordinate systems
PY1431.2	Complementary Course –VIII-Atomic Physics, Quantum Mechanics & Electronics
PY1432.2	Complementary Course – Physics Practical
CH1441	Core Course III- Organic Chemistry-I
CH1442	Core Course IV- Chemistry Practical
<b>SEMESTER-V</b>	
<b>Course Code</b>	<b>Course Title</b>
CH1541	Core Course V- Physical Chemistry-I
CH1542	Core Course VI- Inorganic Chemistry-II
CH1543	Core Course VII- Physical Chemistry-II
CH1544	Core Course VIII- Practical II – Volumetric Analysis & Physical Chemistry Experiments
CH1551.1	Open Course- Essentials of Chemistry
<b>SEMESTER-VI</b>	
<b>Course Code</b>	<b>Course Title</b>
CH1641	Core Course X- Organic Chemistry-II
CH1642	Core Course XI- Organic Chemistry-III
CH1643	Core Course XII- Physical Chemistry-III
CH1644	Core Course XIII- Practical II ( Gravimetric Analysis and Organic Chemistry Experiments)
CH1661.4	Biochemistry
CH1645	Project & Factory Visit