

IEN1CC01 (T)	English I- Communication Skills in English
ICH1CR02 (T)	Elementary to Research in Chemistry-I
ICH1CR03(T)	Basic Level in Inorganic Chemistry
ICH1CR04(T)	Basic Level in Theoretical and Analytical Chemistry
ICH1CM05(T)	Mathematics I- Partial Differentiation, Matrices, Trigonometry and Probability
ICH1CM06(T)	Physics I- Properties of matter and semiconducting materials
ICH1CP07(P)	Volumetric Analysis-I
ICH1CMP08(P)	Physics Practical-I

Semester 2

IML2CC01/IHN2CC01 (T)	Malayalam - Katha,Kavitha,Athmakatha / Hindi – Katha and Kavitha
ICH2CR02 (T)	Elementary to Research in Chemistry - II
ICH2CR03 (T)	Basic level in Organic Chemistry
ICH2CR04 (T)	Basic level in Physical Chemistry
ICH2CM05 (T)	Mathematics II – Integral Calculus and Differential Equations
ICH2CM06 (T)	Physics II - Mechanics and Relativity

ICH2CP07 (P)	Volumetric Analysis – II
ICH2CMP08 (P)	Physics Practical - 1

Semester 3

ICH3CR01 (T)	Inorganic Chemistry - 1
ICH3CR02 (T)	Organic Chemistry - 1
ICH3CR03 (T)	Physical Chemistry - 1
ICH3CM04 (T)	Mathematics III - Partial Differential Equations, Abstract Algebra and Analytic Geometry
ICH3CM05 (T)	Physics III - Modern Physics ,Electrodynamics and Transducers
ICH3CP06 (P)	Qualitative Inorganic Analysis - 1
ICH3CMP07 (P)	Physics Practical - II

Semester 4

IEN4CC01(T)	Common English - II
ICH4CR02(T)	Analytical Chemistry
ICH4CR03(T)	Green Chemistry
ICH4CM04(T)	Mathematics IV - Fourier Series, Laplace Transformations, Vector Functions and Complex Analysis

ICH4CM05(T)	Physics IV - Optics, Dielectrics and Spectroscopic Instrumentation
ICH4CP06 (P)	Qualitative Inorganic Analysis - II
ICH4CMP07 (P)	physics Practical - II

Semester 5

ICH5CR01 (T)	Environmental Studies & Human Rights
ICH5CR02(T)	Inorganic Chemistry - II
ICH5CR03(T)	Organic Chemistry - II
ICH5CR04(T)	Physical Chemistry - II
ICH5CR05(T)	Physical Chemistry - III
ICH5CP06 (P)	Gravimetric Analysis
ICH5CP07(P)	Organic Analysis

Semester 6

ICH6CR01(T)	Inorganic Chemistry - III
ICH6CR02 (T)	Organic Chemistry - III
ICH6CR03 (T)	Organic Chemistry - IV

ICH6CR04(T)	Physical Chemistry - IV
ICH6ELA1/2(T)	Elective 1
ICH6CP05 (P)	Physical chemistry experiments
ICH6CP06 (P)	Preparation and Purification Methods of Organic Compounds.
ICH6PR07	Project (Minor)

Semester 7

ICH7CR01 (T)	Advanced Inorganic Chemistry - I
ICH7CR02 (T)	Advanced Theoretical Chemistry & Computational Chemistry
ICH7CR03 (T)	Advanced Organic Chemistry -1
ICH7CR04 (T)	Advanced Physical Chemistry - 1
ICH7CP05 (P)	Inorganic Chemistry Practicals - 1
ICH7CP06 (P)	Organic Chemistry Practicals - 1

Semester 8

ICH8CR01 (T)	Advanced Inorganic Chemistry – II
ICH8CR02 (T)	Advanced Organic Chemistry - II

ICH8CR03 (T)	Advanced Physical Chemistry - II
ICH8ELB1/2 (T)	Elective 2
ICH8CP04 (P)	Physical chemistry Practicals
ICH8CP05 (P)	Instrumental methods of Analysis

Semester 9

ICH9CR01 (T)	Environmental Studies & Human Rights
ICH9CR02 (T)	Inorganic Chemistry - II
ICH9CR03 (T)	Organic Chemistry - II
ICH9ELB1/2 (T)	Elective 3
ICH9CP04 (P)	Inorganic Chemistry Practicals - II
ICH9CP05 (P)	Organic Chemistry Practicals - II

Semester 10

ICHXPR01	Project (Major)
ICHXVV02	Comprehensive viva

