

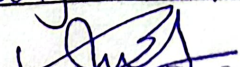
GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2025-26

Name of Assistant Professor: AMIT KUMAR

Class & Sem.: B.Sc. 1st (2nd semester) Subject: CHEMISTRY

Months	Topics/Chapters to be covered
Jan 2026	
Feb 2026	
March 2026	UNIT - II THERMODYNAMICS.
	Brief 1 st law of thermodynamics.
	Heat Capacity, Joule's Thomson experiment.
	Second law of thermodynamics.
	Statement of law, Carnot's cycle,
Different Processes and variables.	
Entropy, criteria for spontaneity, entropy	
as a function of P & T, V & T and P & V.	
April 2026	DSC-P
	UNIT - I (INORGANIC)
	Volumetric Analysis.
	UNIT - II (PHYSICAL)
	1. Viscometry
2. Refractometry	
UNIT - III (Organic)	
1. Preparation & purification through crystallization	
& distillation & ascertaining their purity via M.P.	


Signature of Assistant Professor