

Lesson Plan
MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans-Odd Semester (Semester-I)
Session – 2025-26

Department: Mathematics

Class: MSc-I Chemistry

Subject: Mathematics for Chemist

Name of the Teacher: Dr Chitra

Month	Date		Topics to be covered	Academic Activity to be Undertaken
	From	To		
August	01.08.2025	31.08.2025	Multiple products of Vectors, Gradient, Divergence and Curl, Green's ,Gauss and stokes theorems, Determinant	Syllabus, Examination pattern discussed, Doubt Session.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 27.08.2025				
September	01.09.2025	30.09.2025	Matrices, Inverse of a Matrix, Linear equations, Eigenvalues and Eigenvectors, introduction of Vector space and Tensors, Limit and continuity, Differentiability, elementary differential calculus& important Results	Doubt session, Assignments, revision of a few topics.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 24.09.2025				
October	01.10.2025	31.10.2025	Partial Differentiations, Maxima and Minima, Curve Sketching, Integration, Reduction Formulae & Application to integrals, Differential equations of first order and First degree, Power series solutions of second order differential equations	Doubt session, Assignments, Power Point Presentations.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 29.10.2025				
November	01.11.2025	13.11.2025	Second order differential equations & their solutions, Permutations and Combinations, Probability, curve fitting.	Doubt session, Assignments, Power Point Presentations, Question papers

				discussed. Revision of a few topics
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 12.11.2025				
End semester Examination 14.11.2025 to 26.12.2025				