

**Lesson Plan**  
**MCM DAV College for Women, Sector – 36A, Chandigarh**  
**Monthly Teaching Plans-Odd Semester (Semester-I)**  
**Session – 2023-24**

**Department: Mathematics**

**Class: MSc-I chemistry**  
**Subject: Mathematics For Chemist**

**Name of the Teacher: Ms Promila**

Month	Date		Topics to be covered	Academic Activity to be Undertaken
	From	To		
August	16.08.2023	31.08.2023	Multiple products of Vectors, Gradient, Divergence and Curl, Green's, Gauss and Stokes theorems, Determinant	Syllabus, Examination pattern discussed, Doubt Session.
<b>Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 01.09.2023</b>				
September	01.09.2023	30.09.2023	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.
<b>Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 03.10.2023</b>				
October	03.10.2023	31.10.2023	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 Presentation.
<b>Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 01.11.2023</b>				
November	01.11.2023	30.11.2023	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
<b>Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 30.11.2023</b>				
<b>End semester Examination 01.12.2023 to 28.12.2023</b>				