Monthly Teaching Plan
Mehr Chand Mahajan DAV College for Women, Sector - 36A, Chandigarh
Monthly Teaching Plans-Odd Semester (Semester-I)
Session – 2026-27

Department: Mathematics
Class: VAC (UG Semester I)
Subject: Vedic Mathematics
Name of the Teacher: Dr Leetika

Month	Date		Topics to be covered	Academic Activity to be Undertaken
	From	To		
July	23.07.2026	31.07.2026	Definition and History of Mathematics, Brief Introduction to Vedic Mathematics	Syllabus, Doubt session.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 31.07.2026				
August	1.08.2026	31.08.2026	Brief introduction to Sutras and Upsutras of Vedic Mathematics. Multiplication: Ekadhikena, Purvena, Urdhva- tiryagbhyam, Nikhilam Navatah Carman DastahSquare and Square root: Nikhilam Navatascarman Dastah and Duplex method	Syllabus, Doubt session.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 26.08.2026				
September	01.09.2026	30.09.2026	Addition and Subtraction of Squared Numbers Cubes: Anurupyena and Nikhilam Cube Roots: Vilokanam (for numbers upto nine digits) Vinculum Method: Concept of Vinculum Numbers (Negative Complements) Converting numbers into Vinculum form, Subtraction using vinculum numbers	Doubt session, Assignments, revision of a few topics.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 30.09.2026				
October	01.10.2026	31.10.2026	Division: Nikhilam Navatascarman Dastah, Paravartya Yojayet and Dhwajank Divisibility Rules (2-99): Ekadhikena Purvena, Ekanyunena Purvena.	Doubt session, Assignments, conducted MST
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 28.10.2026				
November	01.11.2026	17.11.2026	Combined Operations: Beejank	Tutorial classes, Doubt session, Assignments, Question papers discussed. Revision of a few topics
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 11.11.2026				
End semester Examination 18.11.2026 to 31.12.2026				

Lesson Plan
MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans-Even Semester (Semester-II)
Session – 2026-27
Department: Mathematics
Class: UG 1st Year
Subject: VAC (Vedic Algebra)
Name of the Teachers: Dr Leetika

Month	**Date**		**Topics to be covered**	**Academic Activity to be Undertaken**
	From	**To**		
January	15.01.2027	31.01.2027	**Least Common Multiple** (LCM): Viloknam Sutra, Urdhva-tirgyabhyam **Highest Common Factor** (HCF): Lopanasthapanabhyam, Sankalana-Vyavakalanabhyam, Adyamadye. **Quadratic Expression of a Single Variable**: Viloknam, ShunyamSaamyasamuccaye and AnurupyenaSunyamanyat.	Syllabus, Examination pattern discussed, Doubt Session.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 27.01.2027				
February	01.02.2027	28.02.2027	**Multiplication** : Urdhavatiragbhyam **Combined Operations**: EkadhikenaPurvena, NikhilamNavatashcaramamDashatah, Urdhva-Tiryagbhyam	Doubt session, Assignments, Class tests.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 24.02.2027				
March	01.03.2027	31.03.2027	**Division** (Linear Expressions of a Single Variable): Paraavartya Yojayet **Factorization** (Quadratic Expressions of a Single Variable): Anurupyena, Adyamadyenant- yamantyena	Doubt session, Assignments. Class tests.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 31.03.2027				
April	01.04.2027	26.04.2027	**Solution of Linear Simultaneous Equations**: Viloknam, Shunyam Saamyasamuccaye, Anurup-yena Sunyamanya, Sankalana-Vyavakalanabhyam, Paraavartya Yojayet.	Doubt session and tests. Question papers discussed. Revision of the topics important from examination point of view.
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 21.04.2027				
End semester Examination 27.04.2027 to 05.06.2027				