

**Lesson Plan for ( 2019-20)**

**MCM DAV College for Women, Sector – 36A, Chandigarh  
Monthly Teaching Plans ( Semester I)  
Session – 2019-20**

**Department: Mathematics**

**Class: B Sc I Sem 1, Section (s): NM A, B & Voc**

**Name of the Teachers: Dr Neela Pawar, Dr Sonica , Dr Taranjot Kaur, Dr Nisha, Ms Sugandha, Ms Anuradha**

**Subject : Calculus I**

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1	25 <sup>nd</sup> July,	31 August ,	Real Nos, Limits, Continuity,	Doubt Session, Examination pattern discussed, Test Conducted
2	1 <sup>st</sup> September	10 <sup>th</sup> October	Mean value theorems,	Doubt session, Assignments provided Mid Term Test held
3	18 <sup>th</sup> October	29 <sup>th</sup> November	Hyperbolic functions, Successive Differentiation	Doubt session, Assignments, Question papers discussed. Revision of a few topics.

**Subject : Plane Geometry**

1	25 <sup>nd</sup> July,	31 August ,	Transformation of axes, Pair of straight lines, Joint equation of straight lines,	Syllabus intimation, Examination Pattern, marking scheme discussed, Doubt sessions
2	1 <sup>st</sup> September	10 <sup>th</sup> October	Circle, pole polar and co-axial family of circles.	Assignments, tests, Mid Term Examination
3	18 <sup>th</sup> October	29 <sup>th</sup> November	Conics: Parabola, Ellipse , hyperbola and their properties.	Doubt session, Assignments, Question papers discussed. Revision of a few topics.

**Subject : Trigonometry and Matrices**

1	25 <sup>nd</sup> July,	31 August	D'Movires theorem and applications, functions of Complex variables	Doubt Session, Examination pattern discussed, Test Conducted
2	1 <sup>st</sup> September	10 October	Summation of series, Matrices,	Doubt session, Assignments provided Mid Term Test held
3	18 <sup>th</sup> October	29 <sup>th</sup> November	Rank of matrices, eigen values, diagonalization.	Doubt session, Assignments, Question papers discussed. Revision of a few topics.

**Departmental Meeting was held after the completion of every month to review the syllabus distribution.**

**\*Any of these – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.  
Other Methods adopted by the teacher – Please write the specific teaching method**