1.	1 st 2 nd & 3 rd week			Chalk and talk.
		Diagonalization of Theorem (without Inverse and Pow Quadratic form – I	- Properties of Eigen values - f matrix - Cayley-Hamilton proof) verification - Finding ver of a matrix using it - Definite and indefinite forms - etion of quadratic form to	
2.	4 th & 5 th week	Convergence Test	sequences. Infinite series- ts for positive term series – gral test, Root, Ratio test, rithmic test.	
3.	6 th week	Assessment -1		
4.	6 th , 7 th & 8 th week	Alternating series and Conditiona rearrangement the		
		derivatives and T Jacobian and its	everal variables – Partial Transformation of variables – s Properties. Taylor series-linima of function of two	
5.	9 th & 10 th week	Double integral – Changing the order of Integration – Change of variables from Cartesian to Polar Coordinates – Area using double Integral in Cartesian and Polar Coordinates		
6.	11 th week	Assessment - 2		
7.	11 th week	Triple integral – Change of Variables from Cartesian to Spherical and Cylindrical Coordinates – Volume using double and triple integrals.		
8.	After 12 th week	Assessment - 4		
COURSE ASSESSMENT METHODS				
S. No.	Mode of Assessment	Week/Date	Duration	% Weightage
1.	Assessment - 1	6 th week	1 hour	20%
2.	Assessment - 2	11 th week	1 hour	20%
3.	Assessment - 3		Will be announced at the time of	10%