

NAME OF ASSISTANT PROFESSOR: MS. RATANDEEP KAUR
CLASS/SECTION: B.SC. IV SEM (D)
SUBJECT: MATHEMATICS (PAPER-I: SEQUENCES AND SERIES)

UNIT II, PART-II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	Preliminaries	
DAY2 DATE 2-1-18	Preliminaries	
DAY3 DATE 3-1-18	Preliminaries	
DAY4 DATE 4-1-18	Infinite Series	
DAY5 DATE 5-1-18	Infinite Series	
DAY6 DATE 6-1-18	Infinite Series	
DAY7 DATE 8-1-18	Infinite Series	
DAY8 DATE 9-1-18	Infinite Series	
DAY9 DATE 10-1-18	Infinite Series	
DAY10 DATE 11-1-18	Infinite Series	
UNIT III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 12-1-18	Infinite Series (Continued)	
DAY2 DATE 13-1-18	Infinite Series (Continued)	
DAY3 DATE 15-1-18	Infinite Series (Continued)	
DAY 4 DATE 16-1-18	Infinite Series (Continued)	
DAY 5 DATE 17-1-18	Infinite Series (Continued)	
DAY6 DATE 18-1-18	Test of Infinite Series	
DAY7 DATE 19-1-18	Infinite Series (Continued)	
DAY8 DATE 20-1-18	Infinite Series (Continued)	

DAY9 DATE 22-1-18	HOLIDAY	
DAY10 DATE 23-1-18	SPORTS DAY	
DAY11 DATE 24-1-18	HOLIDAY	
DAY12 DATE 25-1-18	Infinite Series (Continued)	
DAY13 DATE 26-1-18	HOLIDAY	
DAY 14 DATE 27-1-18	Infinite Series (Continued)	
DAY15 DATE 29-1-18	Infinite Series (Continued)	
DAY16 DATE 30-1-18	Infinite Series (Continued)	
DAY17 DATE 31-1-18	HOLIDAY	
DAY18 DATE 1-2-18	Test of Infinite Series (Continued)	
UNIT IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 2-2-18	Alternating Series	
DAY2 DATE 3-2-18	Alternating Series	
DAY3 DATE 5-2-18	Alternating Series	
DAY4 DATE 6-2-18	Alternating Series	
DAY5 DATE 7-2-18	Alternating Series	
DAY6 DATE 8-2-18	Arbitrary Series	
DAY7 DATE 9-2-18	ASSIGNMENT 1	
DAY8 DATE 10-2-18	HOLIDAY	
DAY9 DATE 12-2-18	Arbitrary Series	
DAY10 DATE 13-2-18	HOLIDAY	
DAY11 DATE 14-2-18	Test of Alternating Series	
DAY12 DATE 15-2-18	Arbitrary Series	

DAY13 DATE 16-2-18	Arbitrary Series	
DAY14 DATE 17-2-18	Arbitrary Series	
DAY15 DATE 19-2-18	Arbitrary Series	
DAY16 DATE 20-2-18	Arbitrary Series	
DAY17 DATE 21-2-18	Arbitrary Series	
DAY18 DATE 22-2-18	Arbitrary Series	
DAY19 DATE 23-2-18	Test of arbitrary series	
DAY20 DATE 24-2-18	Infinite product	
DAY21 DATE 26-2-18	Infinite product	
DAY22 DATE 27-2-18	Infinite product	
DAY23 DATE 28-2-18	HOLIDAY	
DAY24 DATE 1-3-18	HOLIDAY	
DAY25 DATE 2-3-18	HOLIDAY	
DAY26 DATE 3-3-18	HOLIDAY	
DAY27 DATE 5-3-18	Infinite product	
DAY28 DATE 6-3-18	Infinite product	
DAY29 DATE 7-3-18	Infinite product	
DAY30 DATE 8-3-18	Test of Infinite Product	
UNIT I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 9-3-18	Topology of Real Numbers	
DAY2 DATE 10-3-18	ASSIGNMENT 2	
DAY 3 DATE 12-3-18	Topology of Real Numbers	
DAY4 DATE 13-3-18	Topology of Real Numbers	

DAY5 DATE 14-3-18	Topology of Real Numbers	
DAY6 DATE 15-3-18	Topology of Real Numbers	
DAY7 DATE 16-3-18	Topology of Real Numbers	
DAY8 DATE 17-3-18	Topology of Real Numbers	
DAY9 DATE 19-3-18	Topology of Real Numbers	
DAY10 DATE 20-3-18	Topology of Real Numbers	
DAY11 DATE 21-3-18	CONDITIONAL TEST	
DAY12 DATE 22-3-18	CONDITIONAL TEST	
DAY 13 DATE 23-3-18	HOLIDAY	
DAY 14 DATE 24-3-18	Topology of Real Numbers	
DAY15 DATE 26-3-18	Topology of Real Numbers	
DAY16 DATE 27-3-18	Topology of Real Numbers	
UNIT II, PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 28-3-18	Sequences	
DAY2 DATE 29-3-18	HOLIDAY	
DAY3 DATE 30-3-18	Sequences	
DAY4 DATE 31-3-18	Sequences	
DAY5 DATE 2-4-18	Sequences	
DAY6 DATE 3-4-18	Sequences	
DAY7 DATE 4-4-18	Sequences	
DAY8 DATE 5-4-18	Sequences	
DAY9 DATE 6-4-18	Sequences	

DAY10 DATE 7-4-18	Sequences	
DAY11 DATE 9-4-18	Sequences	
DAY12 DATE 10-4-18	Sequences	
DAY13 DATE 11-4-18	Sequences	
DAY14 DATE 12-4-18	Revision	
DAY15 DATE 13-4-18	Revision	
DAY16 DATE 14-4-18	HOLIDAY	
DAY17 DATE 16-4-18	Revision	
DAY18 DATE 17-4-18	Revision	
DAY19 DATE 18-4-18	HOLIDAY	
DAY20 DATE 19-4-18	Revision	
DAY21 DATE 20-4-18	Revision	

NAME OF ASSISTANT PROFESSOR: MS.RATANDEEP KAUR

CLASS/SECTION : B.SC.IST SEM(B)

SUBJECT: MATHEMATICS (PAPER-III: VECTOR CALCULUS) (DAY 4-6)

UNIT I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 4-1-18	Review Chapter	
DAY2 DATE 5-1-18	Scalar Product of Three Vectors	
DAY3 DATE 6-1-18	Scalar Product of Three Vectors	
DAY4 DATE 11-1-18	Vector Product of Three Vectors	
DAY5 DATE 12-1-18	Vector Product of Three Vectors	
DAY6 DATE 13-1-18	Product of Four Vectors	
DAY7 DATE 18-1-18	Reciprocal Vectors	

DAY8 DATE 19-1-18	Differentiation of Vectors	
DAY9 DATE 20-1-18	Differentiation of Vectors	
DAY10 DATE 25-1-18	Derivatives along the Curve	
DAY11 DATE 26-1-18	HOLIDAY	
UNIT II	TOPIC	
	THEORY	PRACTICAL
DAY 1 DATE 27-1-18	Gradient of Scalar Point Function	
DAY2 DATE 1-2-18	Gradient of Scalar Point Function	
DAY3 DATE 2-2-18	Level Surfaces	
DAY4 DATE 3-2-18	Divergence of Vector Point Function	
DAY5 DATE 8-2-18	Divergence of Vector Point Function	
DAY6 DATE 9-2-18	ASSIGNMENT 1	
DAY7 DATE 10-2-18	HOLIDAY	
DAY8 DATE 15-2-18	Curl of Vector Point Function	
DAY9 DATE 16-2-18	Laplacian Operator	
DAY10 DATE 17-2-18	Laplacian Operator	
UNIT IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 22-2-18	Vector integration	
DAY2 DATE 23-2-18	Line Integrals	
DAY3 DATE 24-2-18	Line Integrals	
DAY4 DATE 1-3-18	HOLIDAY	
DAY5 DATE 2-3-18	HOLIDAY	
DAY6 DATE 3-3-18	HOLIDAY	
DAY7	Surface Integrals	

DATE 8-3-18		
DAY8 DATE 9-3-18	Surface Integrals	
DAY9 DATE 10-3-18	Surface Integrals	
DAY10 DATE 15-3-18	Volume Integrals	
DAY11 DATE 16-3-18	Volume Integrals	
DAY12 DATE 17-3-18	Gauss's Theorem	
DAY13 DATE 22-3-18	CONDITIONAL TEST	
DAY 14 DATE 23-3-18	HOLIDAY	
DAY 15 DATE 24-3-18	Gauss Theorem	
DAY16 DATE 29-3-18	HOLIDAY	
DAY17 DATE 30-3-18	Stoke's Theorem	
DAY18 DATE 31-3-18	Stoke's Theorem	
DAY19 DATE 5-4-18	Green's Theorem	
DAY20 DATE 6-4-18	Green's Theorem	
UNIT III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 7-4-18	Curvilinear Coordinates	
DAY2 DATE 12-4-18	Curvilinear Coordinates	
DAY3 DATE 13-4-18	Curvilinear Coordinates	
DAY4 DATE 14-4-18	HOLIDAY	
DAY5 DATE 19-4-18	Curvilinear Coordinates	
DAY6 DATE 20-4-18	Curvilinear Coordinates	

NAME OF ASSISTANT PROFESSOR: MS.RATANDEEP KAUR
CLASS/SECTION : B.COM. IST SEM(C)
SUBJECT: MATHEMATICS (PAPER:BUSINESS MATHEMATICS)

	TOPIC	PRACTICAL
DAY1 DATE 1-1-18	Preliminaries	
DAY2 DATE 2-1-18	Preliminaries	
DAY3 DATE 3-1-18	Permutations	
DAY4 DATE 4-1-18	Permutations	
DAY5 DATE 5-1-18	Permutations	
DAY6 DATE 6-1-18	Permutations	
DAY7 DATE 8-1-18	Combinations	
DAY8 DATE 9-1-18	Combinations	
DAY9 DATE 10-1-18	Combinations	
DAY10 DATE 11-1-18	Combinations	
DAY11 DATE 12-1-18	Combinations	
DAY12 DATE 13-1-18	Combinations	
DAY13 DATE 15-1-18	Combinations	
DAY 14 DATE 16-1-18	Problems and revision	
DAY15 DATE 17-1-18	Binomial Theorem (Power positive integer)	
DAY16 DATE 18-1-18	Binomial Theorem (Power positive integer)	
DAY17 DATE 19-1-18	Binomial Theorem (Power any number)	
DAY18 DATE 20-1-18	Binomial Theorem (Power any number)	
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	

DAY22 DATE 25-1-18	Test of Permutations	
DAY23 DATE 26-1-18	HOLIDAY	
DAY24 DATE 27-1-18	Binomial Theorem (general problems)	
DAY25 DATE 29-1-18	Inequalities Introduction	
DAY26 DATE 30-1-18	Graphical solutions to inequalities	
DAY27 DATE 31-1-18	HOLIDAY	
DAY28 DATE 1-2-18	Graphical solutions to inequalities	
DAY29 DATE 2-2-18	Algebraic solution to inequalities	
DAY30 DATE 3-2-18	Algebraic solution to inequalities	
DAY31 DATE 5-2-18	Algebraic solution to inequalities	
DAY32 DATE 6-2-18	Test of Combinations	
DAY33 DATE 7-2-18	Linear programming-Formulation of Equation	
DAY34 DATE 8-2-18	Linear programming-Formulation of Equation	
DAY35 DATE 9-2-18	ASSIGNMENT 1	
DAY36 DATE 10-2-18	HOLIDAY	
DAY37 DATE 12-2-18	Graphical Method of solution	
DAY38 DATE 13-2-18	HOLIDAY	
DAY39 DATE 14-2-18	Graphical Method of solution	
DAY40 DATE 15-2-18	Cases having no solution	
DAY41 DATE 16-2-18	Cases having no solution	
DAY42 DATE 17-2-18	Multiple solutions	
DAY43 DATE 19-2-18	Multiple solutions	
DAY44 DATE 20-2-18	Multiple solutions	

DAY45 DATE 21-2-18	Unbounded Solution	
DAY46 DATE 22-2-18	Unbounded Solution	
DAY47 DATE 23-2-18	Redundant Constraints	
DAY48 DATE 24-2-18	Redundant Constraints	
DAY49 DATE 26-2-18	Revision and problems on LPP	
DAY50 DATE 27-2-18	Powerpoint Presentations on LPP	
DAY51 DATE 28-2-18	HOLIDAY	
DAY52 DATE 1-3-18	HOLIDAY	
DAY53 DATE 2-3-18	HOLIDAY	
DAY54 DATE 3-3-18	HOLIDAY	
DAY55 DATE 5-3-18	Data and its Classification	
DAY56 DATE 6-3-18	Data and its Classification	
DAY57 DATE 7-3-18	Collection of Data	
DAY58 DATE 8-3-18	Pictographs	
DAY59 DATE 9-3-18	Test of Linear Inequalities	
DAY60 DATE 10-3-18	Data and its Tabulation	
DAY 61 DATE 12-3-18	Pictographs	
DAY62 DATE 13-3-18	Pie Chart	
DAY63 DATE 14-3-18	Pie Chart	
DAY64 DATE 15-3-18	Pie Chart	
DAY65 DATE 16-3-18	Graphs of Time Series or Line Graphs	
DAY66 DATE 17-3-18	Graphs of Time Series or Line Graphs	
DAY67 DATE 19-3-18	Graphs of Time Series or Line Graphs	

DAY68 DATE 20-3-18	Graphs of Frequency distribution: Histogram	
DAY69 DATE 21-3-18	CONDITIONAL TEST	
DAY70 DATE 22-3-18	CONDITIONAL TEST	
DAY 71 DATE 23-3-18	HOLIDAY	
DAY 72 DATE 24-3-18	Limitations of diagrams and graphs.	
DAY73 DATE 26-3-18	Limitations of diagrams and graphs.	
DAY74 DATE 27-3-18	Limitations of diagrams and graphs.	
DAY75 DATE 28-3-18	Limitations of diagrams and graphs.	
DAY76 DATE 29-3-18	HOLIDAY	
DAY77 DATE 30-3-18	Test on LPP	
DAY78 DATE 31-3-18	Frequency Polygon	
DAY79 DATE 2-4-18	Frequency Polygon	
DAY80 DATE 3-4-18	Frequency Polygon	
DAY81 DATE 4-4-18	Ogives or Cumulative Frequency Curves	
DAY82 DATE 5-4-18	Ogives or Cumulative Frequency Curves	
DAY83 DATE 6-4-18	Ogives or Cumulative Frequency Curves	
DAY84 DATE 7-4-18	Ogives or Cumulative Frequency Curves	
DAY85 DATE 9-4-18	Limitations of Diagrams and Graphs.	
DAY86 DATE 10-4-18	Limitations of Diagrams and Graphs.	
DAY87 DATE 11-4-18	Limitations of Diagrams and Graphs.	
DAY88 DATE 12-4-18	Limitations of Diagrams and Graphs.	
DAY89 DATE 13-4-18	Limitations of Diagrams and Graphs.	

DAY90 DATE 14-4-18	HOLIDAY	
DAY91 DATE 16-4-18	REVISION	
DAY92 DATE 17-4-18	REVISION	
DAY93 DATE 18-4-18	HOLIDAY	
DAY94 DATE 19-4-18	REVISION	
DAY95 DATE 20-4-18	REVISION	

NAME OF ASSISTANT PROFESSOR: MS.RATANDEEP KAUR
CLASS/SECTION : B.SC. IV SEM
SUBJECT: MATHEMATICS (NA PRACTICALS)

GROUP I & GROUPIII(1-3 DAYS)

GROUPII & GROUPIV(4-6 DAYS)

	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18		Preliminaries
DAY2 DATE 2-1-18		Preliminaries
DAY3 DATE 3-1-18		Preliminaries
DAY4 DATE 4-1-18		Preliminaries
DAY5 DATE 5-1-18		Preliminaries
DAY6 DATE 6-1-18		Preliminaries
DAY7 DATE 8-1-18		P1:Wap to Calculate Compound Interest
DAY8 DATE 9-1-18		P2:Wap to Solve Quadratic Equation
DAY9 DATE 10-1-18		P2:Wap to Solve Quadratic Equation
DAY10 DATE 11-1-18		P1: Wap to Calculate Compound Interest
DAY11 DATE 12-1-18		P2:Wap to Solve Quadratic Equation

DAY12 DATE 13-1-18		P2:Wap to Solve Quadratic Equation
DAY13 DATE 15-1-18		P3:Wap to Find Prime Numbers
DAY 14 DATE 16-1-18		P3:Wap to Find Prime Numbers
DAY15 DATE 17-1-18		P4:Wap To Find Transpose Of Matrix
DAY16 DATE 18-1-18		P3:Wap to Find Prime Numbers
DAY17 DATE 19-1-18		P3:Wap to Find Prime Numbers
DAY18 DATE 20-1-18		P4:Wap To Find Transpose Of Matrix
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
DAY22 DATE 25-1-18		P5:Wap to Multiply Two Matrices
DAY23 DATE 26-1-18	HOLIDAY	
DAY 24 DATE 27-1-18		P5:Wap to Multiply Two Matrices
DAY25 DATE 29-1-18		P5:Wap to Multiply Two Matrices
DAY26 DATE 30-1-18		P5:Wap to Multiply Two Matrices
DAY27 DATE 31-1-18	HOLIDAY	
DAY28 DATE 1-2-18		P6:Wap to Find GCD
DAY29 DATE 2-2-18		P6:Wap to Find GCD
DAY30 DATE 3-2-18		P7:Wap to Swap Two Numbers
DAY31 DATE 5-2-18		P6:Wap to Find GCD
DAY32 DATE 6-2-18		P6:Wap to Find GCD
DAY33 DATE 7-2-18		P7:Wap to Swap Two Numbers
DAY34 DATE 8-2-18		P8:Wap to Find Area & Perimeter of Circle

		using Function
DAY35 DATE 9-2-18		P8:Wap to Find Area & Perimeter of Circle using Function
DAY36 DATE 10-2-18	HOLIDAY	
DAY37 DATE 12-2-18		P8:Wap to Find Area & Perimeter of Circle using Function
DAY38 DATE 13-2-18	HOLIDAY	
DAY39 DATE 14-2-18		P8:Wap to Find Area & Perimeter of Circle using Function
DAY40 DATE 15-2-18		P9:Wap for Pattern Matching of two Strings
DAY41 DATE 16-2-18		P9:Wap for Pattern Matching of two Strings
DAY42 DATE 17-2-18		P10:Wap to Reverse a String
DAY43 DATE 19-2-18		P9:Wap for Pattern Matching of two Strings
DAY44 DATE 20-2-18		P9:Wap for Pattern Matching of two Strings
DAY45 DATE 21-2-18		P10:Wap to Reverse a String
DAY46 DATE 22-2-18		P11:Wap to generate Fibonacci Sequence
DAY47 DATE 23-2-18		P11:Wap to generate Fibonacci Sequence
DAY48 DATE 24-2-18		TEST
DAY49 DATE 26-2-18		P11:Wap to generate Fibonacci Sequence
DAY50 DATE 27-2-18		P11:Wap to generate Fibonacci Sequence
DAY51 DATE 28-2-18	HOLIDAY	
DAY52 DATE 1-3-18	HOLIDAY	

DAY53 DATE 2-3-18	HOLIDAY	
DAY54 DATE 3-3-18	HOLIDAY	
DAY55 DATE 5-3-18		P12:Wap to execute Bisection Method
DAY56 DATE 6-3-18		P12:Wap to execute Bisection Method
DAY57 DATE 7-3-18		P12:Wap to execute Bisection Method
DAY58 DATE 8-3-18		P12:Wap to execute Bisection Method
DAY59 DATE 9-3-18		P12:Wap to execute Bisection Method
DAY60 DATE 10-3-18		P12:Wap to execute Bisection Method
DAY 61 DATE 12-3-18		P13:Wap to execute Regula Falsi Method
DAY62 DATE 13-3-18		P13:Wap to execute Regula Falsi Method
DAY63 DATE 14-3-18		P13:Wap to execute Regula Falsi Method
DAY64 DATE 15-3-18		P13:Wap to execute Regula Falsi Method
DAY65 DATE 16-3-18		P13:Wap to execute Regula Falsi Method
DAY66 DATE 17-3-18		P13:Wap to execute Regula Falsi Method
DAY67 DATE 19-3-18		P14:Wap to execute Newton Raphson Method
DAY68 DATE 20-3-18		P14:Wap to execute Newton Raphson Method
DAY69 DATE 21-3-18		P14:Wap to execute Newton Raphson Method
DAY70 DATE 22-3-18		P14:Wap to execute Newton Raphson Method
DAY 71 DATE 23-3-18	HOLIDAY	
DAY 72 DATE 24-3-18		P14:Wap to execute Newton Raphson Method

DAY73 DATE 26-3-18		P15:Wap to execute Gauss Elimination method
DAY74 DATE 27-3-18		P15:Wap to execute Gauss Elimination method
DAY75 DATE 28-3-18		P15:Wap to execute Gauss Elimination method
DAY76 DATE 29-3-18	HOLIDAY	
DAY77 DATE 30-3-18		P15:Wap to execute Gauss Elimination method
DAY78 DATE 31-3-18		P15:Wap to execute Gauss Elimination method
DAY79 DATE 2-4-18		P16:Wap to execute Gauss Seidel Method
DAY80 DATE 3-4-18		P16:Wap to execute Gauss Seidel Method
DAY81 DATE 4-4-18		P16:Wap to execute Gauss Seidel Method
DAY82 DATE 5-4-18		P16:Wap to execute Gauss Seidel Method
DAY83 DATE 6-4-18		P16:Wap to execute Gauss Seidel Method
DAY84 DATE 7-4-18		P16:Wap to execute Gauss Seidel Method
DAY85 DATE 9-4-18		P17:Wap to execute Gauss Jordan Method
DAY86 DATE 10-4-18		P17:Wap to execute Gauss Jordan Method
DAY87 DATE 11-4-18		P17:Wap to execute Gauss Jordan Method
DAY88 DATE 12-4-18		P17:Wap to execute Gauss Jordan Method
DAY89 DATE 13-4-18		P17:Wap to execute Gauss Jordan Method
DAY90 DATE 14-4-18	HOLIDAY	
DAY91 DATE 16-4-18		REVISION
DAY92 DATE 17-4-18		REVISION

DAY93 DATE 18-4-18	HOLIDAY	
DAY94 DATE 19-4-18		REVISION
DAY95 DATE 20-4-18		REVISION

RATANDEEP KAUR