

**NAME OF ASSISTANT PROFESSOR: DR. DEEPMALA**  
**CLASS/SECTION: B.SC. IV SEM (C)**  
**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	

	<b>THEORY</b>	<b>PRACTICAL</b>
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	<b>HOLIDAY</b>	
DAY10 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY11 DATE 24-1-18	<b>HOLIDAY</b>	
DAY12 DATE 25-1-18	Infinite Series (Continued)	
DAY13	<b>HOLIDAY</b>	

DATE 26-1-18		
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	<b>HOLIDAY</b>	
DAY18 DATE 1-2-18	Test of Infinite Series (Continued)	
<b>UNIT IV</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
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	<b>ASSIGNMENT 1</b>	

DATE 9-2-18		
DAY8 DATE 10-2-18	<b>HOLIDAY</b>	
DAY9 DATE 12-2-18	Arbitrary Series	
DAY10 DATE 13-2-18	<b>HOLIDAY</b>	
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	Infinite product	

DATE 24-2-18		
DAY21 DATE 26-2-18	Infinite product	
DAY22 DATE 27-2-18	Infinite product	
DAY23 DATE 28-2-18	<b>HOLIDAY</b>	
DAY24 DATE 1-3-18	<b>HOLIDAY</b>	
DAY25 DATE 2-3-18	<b>HOLIDAY</b>	
DAY26 DATE 3-3-18	<b>HOLIDAY</b>	
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	
<b>UNIT I</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 9-3-18	Topology of Real Numbers	
DAY2	<b>ASSIGNMENT 2</b>	

DATE 10-3-18		
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	<b>CONDITIONAL TEST</b>	
DAY12 DATE 22-3-18	<b>CONDITIONAL TEST</b>	
DAY 13 DATE 23-3-18	<b>HOLIDAY</b>	
DAY 14 DATE 24-3-18	Topology of Real Numbers	
DAY15	Topology of Real Numbers	

DATE 26-3-18		
DAY16 DATE 27-3-18	Topology of Real Numbers	
<b>UNIT II, PART I</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 28-3-18	Sequences	
DAY2 DATE 29-3-18	<b>HOLIDAY</b>	
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	Sequences	

DATE 9-4-18		
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	<b>HOLIDAY</b>	
DAY17 DATE 16-4-18	Revision	
DAY18 DATE 17-4-18	Revision	
DAY19 DATE 18-4-18	<b>HOLIDAY</b>	
DAY20 DATE 19-4-18	Revision	
DAY21 DATE 20-4-18	Revision	



**NAME OF ASSISTANT PROFESSOR:DR. DEEPMALA**

**CLASS/SECTION : B.COM. IST SEM(A)**

**SUBJECT: MATHEMATICS (PAPER:BUSINESS MATHEMATICS)**

<b>TOPIC</b>		<b>PRACTICAL</b>
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	<b>HOLIDAY</b>	
DAY20 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY22 DATE 25-1-18	Test of Permutations	
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
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	<b>HOLIDAY</b>	
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	<b>ASSIGNMENT 1</b>	
DAY36 DATE 10-2-18	<b>HOLIDAY</b>	
DAY37 DATE 12-2-18	Graphical Method of solution	
DAY38 DATE 13-2-18	<b>HOLIDAY</b>	

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	<b>HOLIDAY</b>	

DAY52 DATE 1-3-18	<b>HOLIDAY</b>	
DAY53 DATE 2-3-18	<b>HOLIDAY</b>	
DAY54 DATE 3-3-18	<b>HOLIDAY</b>	
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	<b>CONDITIONAL TEST</b>	
DAY70 DATE 22-3-18	<b>CONDITIONAL TEST</b>	
DAY 71 DATE 23-3-18	<b>HOLIDAY</b>	
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	<b>HOLIDAY</b>	
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	<b>HOLIDAY</b>	

DAY91 DATE 16-4-18	<b>Revision</b>	
DAY92 DATE 17-4-18	<b>Revision</b>	
DAY93 DATE 18-4-18	<b>HOLIDAY</b>	
DAY94 DATE 19-4-18	<b>Revision</b>	
DAY95 DATE 20-4-18	<b>Revision</b>	

**NAME OF ASSISTANT PROFESSOR: DR. DEEPMALA**

**CLASS/SECTION: B.SC. IV SEM (B & E )**

**SUBJECT: MATHEMATICS (PAPER-II: SPECIAL FUNCTIONS & INTEGRAL TRANSFORMS)**

UNIT III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	Ch-5 Laplace Transforms	
DAY2 DATE 2-1-18	Laplace Transforms	
DAY3 DATE 3-1-18	Laplace Transforms	
DAY4 DATE 4-1-18	Laplace Transforms	
DAY5 DATE 5-1-18	Laplace Transforms	



DAY6 DATE 6-1-18	Laplace Transforms	
DAY7 DATE 8-1-18	Laplace Transforms	
DAY8 DATE 9-1-18	Laplace Transforms	
DAY9 DATE 10-1-18	Laplace Transforms	
DAY10 DATE 11-1-18	Laplace Transforms	
DAY11 DATE 12-1-18	Ch-6 Inverse Laplace Transforms	
DAY12 DATE 13-1-18	Inverse Laplace Transforms	
DAY13 DATE 15-1-18	Test of Ch-5	
DAY 14 DATE 16-1-18	Inverse Laplace Transforms	
DAY15 DATE 17-1-18	Inverse Laplace Transforms	
DAY16 DATE 18-1-18	Inverse Laplace Transforms	
DAY17 DATE 19-1-18	Inverse Laplace Transforms	
DAY18 DATE 20-1-18	Ch-8 Solution of Differential Equations By Laplace Transformation	

DAY19 DATE 22-1-18	<b>HOLIDAY</b>	
DAY20 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY22 DATE 25-1-18	Solution of Differential Equations By Laplace Transformation	
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
DAY 24 DATE 27-1-18	Solution of Differential Equations By Laplace Transformation	
DAY25 DATE 29-1-18	Solution of Differential Equations By Laplace Transformation	
DAY26 DATE 30-1-18	Test of Ch-8	
DAY27 DATE 31-1-18	<b>HOLIDAY</b>	
<b>UNIT IV</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 1-2-18	Ch-9 Fourier Transforms	
DAY2 DATE 2-2-18	Fourier Transforms	
DAY3 DATE 3-2-18	Fourier Transforms	

DAY4 DATE 5-2-18	Fourier Transforms	
DAY5 DATE 6-2-18	Fourier Transforms	
DAY6 DATE 7-2-18	Fourier Transforms	
DAY7 DATE 8-2-18	Fourier Transforms	
DAY8 DATE 9-2-18	<b>ASSIGNMENT 1</b>	
DAY9 DATE 10-2-18	<b>HOLIDAY</b>	
DAY10 DATE 12-2-18	Fourier Transforms	
DAY11 DATE 13-2-18	<b>HOLIDAY</b>	
DAY12 DATE 14-2-18	Fourier Transforms	
DAY13 DATE 15-2-18	Test of Ch-9	
DAY14 DATE 16-2-18	Ch-10 Solution of Differential Equation by Fourier Transform	
DAY15 DATE 17-2-18	Solution of Differential Equation by Fourier Transform	
DAY16 DATE 19-2-18	Solution of Differential Equation by Fourier Transform	

UNIT I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 20-2-18	Ch-1 Power Series	
DAY2 DATE 21-2-18	Power Series	
DAY3 DATE 22-2-18	Power Series	
DAY4 DATE 23-2-18	Power Series	
DAY5 DATE 24-2-18	Power Series	
DAY6 DATE 26-2-18	Power Series	
DAY7 DATE 27-2-18	Power Series	
DAY8 DATE 28-2-18	<b>HOLIDAY</b>	
DAY9 DATE 1-3-18	<b>HOLIDAY</b>	
DAY10 DATE 2-3-18	<b>HOLIDAY</b>	
DAY11 DATE 3-3-18	<b>HOLIDAY</b>	
DAY12 DATE 5-3-18	Power Series	

DAY13 DATE 6-3-18	Power Series	
DAY14 DATE 7-3-18	Power Series	
DAY15 DATE 8-3-18	Ch-2 Bessel's Equation And Function	
DAY16 DATE 9-3-18	Bessel's Equation And Function	
DAY17 DATE 10-3-18	<b>ASSIGNMENT 2</b>	
DAY 18 DATE 12-3-18	Bessel's Equation and Function	
DAY19 DATE 13-3-18	Test of Ch-1	
DAY20 DATE 14-3-18	Bessel's Equation and Function	
DAY21 DATE 15-3-18	Bessel's Equation and Function	
DAY22 DATE 16-3-18	Bessel's Equation and Function	
DAY23 DATE 17-3-18	Bessel's Equation and Function	
DAY24 DATE 19-3-18	Bessel's Equation and Function	
DAY25 DATE 20-3-18	Bessel's Equation and Function	

DAY26 DATE 21-3-18	<b>Conditional Test</b>	
DAY27 DATE 22-3-18	<b>Conditional Test</b>	
DAY 28 DATE 23-3-18	<b>HOLIDAY</b>	
<b>UNIT-II</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY 1 DATE 24-3-18	Ch-3 Legendre's Equation	
DAY2 DATE 26-3-18	Legendre's Equation	
DAY3 DATE 27-3-18	Legendre's Equation	
DAY4 DATE 28-3-18	Legendre's Equation	
DAY5 DATE 29-3-18	<b>HOLIDAY</b>	
DAY6 DATE 30-3-18	Legendre's Equation	
DAY7 DATE 31-3-18	Legendre's Equation	
DAY8 DATE 2-4-18	Legendre's Equation	
DAY9 DATE 3-4-18	Legendre's Equation	

DAY10 DATE 4-4-18	Ch-4 Hermite's Equation	
DAY11 DATE 5-4-18	Hermite's Equation	
DAY12 DATE 6-4-18	Hermite's Equation	
DAY13 DATE 7-4-18	Hermite's Equation	
DAY14 DATE 9-4-18	Hermite's Equation	
DAY15 DATE 10-4-18	Hermite's Equation	
DAY16 DATE 11-4-18	Hermite's Equation	
DAY17 DATE 12-4-18	Seminar by Students	
DAY18 DATE 13-4-18	Seminar by Students	
DAY19 DATE 14-4-18	<b>HOLIDAY</b>	
DAY20 DATE 16-4-18	Seminar by Students	
DAY21 DATE 17-4-18	<b>Revision</b>	
DAY22 DATE 18-4-18	<b>HOLIDAY</b>	

DAY23 DATE 19-4-18	<b>Revision</b>	
DAY24 DATE 20-4-18	<b>Revision</b>	

(Dr. Deepmala)