Sequences and Series

Name of the Assistant/Associate Professor: MUKESH YADAV
Class and Section: : B.Sc. 2nd (Fourth Semester)
Subject: Mathematics
Paper: Sequences and Series
JANUARY
Week 1 **Chapter 1: Topology of Real Numbers**
Assignments: ***Examples of Sets and its Algebra***
Week 1, Day 1, 01.01.....: Boundedness of the set of real numbers
Week 1, Day 2, 02.01.....: least upper bound, greatest lower bound of a set
Week 1, Day 3, 03.01.....: Exercise related to Boundedness, l.u.b and g.l.b. of a set
Week 1, Day 4, 04.01.....: neighborhoods
Week 1, Day 5, 05.01.....: examples of neighborhoods
Week 1, Day 6, 06.01.....: interior points, interior of a set
Week 2 **Chapter 1: Topology of Real Numbers**
Assignments: Exercise related to neighborhoods and interior of a set
Week 2, Day 1, 08.01.....: open sets, closed set
Week 2, Day 2, 09.01.....: limit points, isolated points
Week 2, Day 3, 10.01.....: closure of a set in real numbers and their properties
Week 2, Day 4, 11.01.....: Bolzano-Weierstrass theorem
Week 2, Day 5, 12.01.....: Numerical problems related to Bolzano-Weierstrass theorem
Week 2, Day 6, 13.01.....: Compact sets, Open covers
Week 3 **Chapter 1: Topology of Real Numbers and Chapter 2 : Sequences**
Assignments: Exercise related to Compact sets and open covering

Week 3, Day 1, 15.01.....: Heine-Borel Theorem
Week 3, Day 2, 16.01.....: Test of Chapter 1.
Week 3, Day 3, 17.01.....: Sequences
Week 3, Day 4, 18.01.....: Real Sequences and their convergence
Week 3, Day 5, 19.01.....: Exercise of topic Real Sequences and their convergence
Week 3, Day 6, 20.01.....: Problems of above topics of chapter 2
Week 4 **Chapter 2 : Sequences**
Assignments: To construct examples of Real Sequences and check their convergence
Week 4, Day 1, 22.01.....: Basant Panchami
Week 4, Day 2, 23.01.....: Some Basic Theorems on Limits
Week 4, Day 3, 24.01.....: Squeeze Principle, Cauchy's First theorem on limits
Week 4, Day 4, 25.01.....: Cauchy's Second theorem on limits
Week 4, Day 5, 26.01.....: Republic Day
Week 4, Day 6, 27.01.....: problems related to topics covered in this week
Week 5 **Chapter 2 : Sequences**
Assignments: Exercise related to topics covered in the previous week
Week 5, Day 1, 29.01.....: Bounded and monotonic sequences
Week 5, Day 2, 30.01.....: Monotone convergence Theorem
Week 5, Day 3, 31.01.....: Cantor Intersection Theorem

Name of the Assistant/Associate Professor: MUKESH YADAV
Class and Section: B.Sc. 2nd D (Fourth Semester)
Subject: Mathematics
Paper: Sequences and Series
FEBRUARY
Week 1 **Chapter 2 : Sequences**
Assignments: Bolzano-Weierstrass theorem and its applications
Week 1, Day 1, 01.02.....: Cauchy's sequence, Cauchy general principle of convergence
Week 1, Day 2, 02.02.....: Subsequences, Subsequential limits
Week 1, Day 3, 03.02.....: Exercise related to topics Subsequences and Subsequential limits
Week 2 **Chapter 3 : Infinite series**
Assignments: Examples related to topics covered in the previous week
Week 2, Day 1, 05.02.....: Test of Chapter 2
Week 2, Day 2, 06.02.....: Infinite series: Convergence and divergence of Infinite Series
Week 2, Day 3, 07.02.....: Numerical problems related to Convergence and divergence of Infinite Series
Week 2, Day 4, 08.02.....: Cauchy's general principle of Convergence of series
Week 2, Day 5, 09.02.....: Convergence and divergence of geometric series
Week 2, Day 6, 10.02.....: Comparison Tests of positive terms Infinite series
Week 3 **Chapter 4 : Infinite series (Continued)**
Assignments: Application of above tests of Convergence and divergence to numerical problems
Week 3, Day 1, 12.02.....: Hyper Harmonic series or p-series
Week 3, Day 2, 13.02.....: Test of Chapter 3
Week 3, Day 3, 14.02.....: Infinite series: D-Alembert's ratio test

Week 3, Day 4, 15.02.....: Exercise related to D-Alembert's ratio test
Week 3, Day 5, 16.02.....: Cauchy's n^{th} root test
Week 3, Day 6, 17.02.....: Exercise related to Cauchy's n^{th} root test
Week 4 **Chapter 4 : Infinite series (Continued)**
Assignments: **Proof of *theorems on D-Alembert's ratio test and Cauchy's n^{th} root test***
Week 4, Day 1, 19.02.....: Raabe's test
Week 4, Day 2, 20.02.....: Logarithmic test
Week 4, Day 3, 21.02.....: Exercise related to Raabe's test and Logarithmic test
Week 4, Day 4, 22.02.....: De Morgan and Bertrand's test
Week 4, Day 5, 23.02.....: Applications of De Morgan and Bertrand's test on given series
Week 4, Day 6, 24.02.....: Gauss Test
Week 5 **Chapter 4 : Infinite series (Continued)**
Assignments: Application of Gauss Test to given positive term series
Week 5, Day 1, 26.02.....: Cauchy's integral test
Week 5, Day 2, 27.02.....: Exercise related to Cauchy's integral test
Week 5, Day 3, 28.02.....: Cauchy's condensation test

Name of the Assistant/Associate Professor: MUKESH YADAV
Class and Section: B.Sc. 2nd D (Fourth Semester)
Subject: Mathematics
Paper: Sequences and Series
MARCH
Week 1 **Chapter 4 : Infinite series (Continued)**
Assignments: Presentation* of Chapter 4 - *Infinite series (Continued)
Week 1, Day 1, 01.03.....: Exercise related to Cauchy's condensation test
Week 1, Day 2, 02.03.....: Problems related to Chapter 4
Week 1, Day 3, 03.03.....: Test of Chapter 4
Week 2 **Chapter 5: Alternating Series**
Assignments: ***Presentation of Chapter 5 - Alternating Series***
Week 2, Day 1, 05.03.....: Alternating series
Week 2, Day 2, 06.03.....: Leibnitz's test
Week 2, Day 3, 07.03.....: Examples to test the convergence of series by Leibnitz's test
Week 2, Day 4, 08.03.....: absolute and conditional convergence
Week 2, Day 5, 09.03.....: Exercise related to absolute and conditional convergence of an alternating series
Week 2, Day 6, 10.03.....: Test of Chapter 5
Week 3 **Chapter 6: Arbitrary series**
Assignments: Presentation of Chapter 6* - Arbitrary *Series
Week 3, Day 1, 12.03.....: Arbitrary series
Week 3, Day 2, 13.03.....: Abel's lemma

Week 3, Day 3, 14.03.....: Abel's test
Week 3, Day 4, 15.03.....: Dirichlet's test
Week 3, Day 5, 16.03.....: Examples related to Abel's test, Dirichlet's test
Week 3, Day 6, 17.03.....: Exercise related to Abel's test and Dirichlet's test
Week 4 **Chapter 6: Arbitrary series**
Assignments: Recognition of Different kinds of series previously taught in the class
Week 4, Day 1, 19.03.....: Insertion and removal of parenthesis
Week 4, Day 2, 20.03.....: Exercise of Insertion and removal of parenthesis
Week 4, Day 3, 21.03.....: re-arrangement of terms in a series
Week 4, Day 4, 22.03.....: Riemann's Re-arrangement theorem
Week 4, Day 5, 23.03.....: Pringsheim's theorem (statement only)
Week 4, Day 6, 24.03.....: Exercise of topic Riemann's Re-arrangement theorem and Pringsheim's theorem
Week 5 **Chapter 6: Arbitrary series**
***Assignments: test of Chapter 6- "* Arbitrary series"**
Week 5, Day 1, 26.03.....: Multiplication of series
Week 5, Day 2, 27.03.....: Cauchy product of series
Week 5, Day 3, 28.03.....: Product Theorem
Week 5, Day 4, 29.03.....: MAHAVIR JAYANTI
Week 5, Day 5, 30.03.....: Cauchy's Theorem
Week 5, Day 6, 31.03.....: Mertin's Theorem

Name of the Assistant/Associate Professor: MUKESH YADAV
Class and Section: B.Sc. 2nd D (Fourth Semester)
Subject: Mathematics
Paper: Sequences and Series
APRIL
Week 1 **Chapter 6: Arbitrary series and Chapter 7: Infinite Products**
Assignments: Exercise of Cauchy's Theorem and Mertin's Theorem
Week 1, Day 1, 02.04.....: Cesaro's Theorem and Able's theorem
Week 1, Day 2, 03.04.....: Examples of Cesaro's Theorem and Able's theorem
Week 1, Day 3, 04.04.....: Problems related to chapter 6
Week 1, Day 4, 05.04.....: Test of chapter 6
Week 1, Day 5, 06.04.....: Introduction to Infinite Products (Definition)
Week 1, Day 6, 07.04.....: Convergence of an Infinite Products
Week 2 **Chapter 7: Infinite Products**
Assignments: Presentation of **Chapter 6: Arbitrary series**
Week 2, Day 1, 09.04.....: Exercise of topic Convergence of an Infinite Products
Week 2, Day 2, 10.04.....: General principle of Convergence of an Infinite Product
Week 2, Day 3, 11.04.....: Some theorems for proving the Convergence of Infinite Products
Week 2, Day 4, 12.04.....: Absolute Convergence of Infinite Products
Week 2, Day 5, 13.04.....: Exercise of Absolute Convergence of Infinite Products
Week 2, Day 6, 14.04.....: Problems related to Chapter 7
Week 3 **Chapter: Revision and Test**

Assignments: Revision and Test of Section I
Week 3, Day 1, 16.04.....: Test of Chapter 7
Week 3, Day 2, 17.04.....: Revision and discussion on Chapter 1
Week 3, Day 3, 18.04.....: Problems related to Chapter 1
Week 3, Day 4, 19.04..... : Test of Section I
Week 3, Day 5, 20.04.....: Revision and discussion of Chapter 2
Week 3, Day 6, 21.04.....: Problems related to Chapter 2
Week 4 **Chapter: Revision**
Assignments: Test of Section II
Week 4, Day 1, 23.04.....: Revision of Chapter 3
Week 4, Day 2, 24.04.....: Test of Section II
Week 4, Day 3, 25.04.....: Revision of Chapter 4
Week 4, Day 4, 26.04.....: Revision of Chapter 5
Week 4, Day 5, 27.04.....: Revision of Chapter 6
Week 4, Day 6, 28.04.....: Revision and problems of Chapter 7
Week 5 **Chapter:**
Assignments: Tests of Sections III & IV
Week 5, Day 1, 30.04.....: Test of Section *III & IV*

Special Functions. & Integral Transforms

Lesson Plan

Name of the Assistant/Associate Professor: MUKESH YADAV
Class and Section: **B.Sc. II (Non. Med.)** Paper: **Special Functions. & Integral Transforms**
Subject Lesson Plan: 18 Weeks (from January ..... to April .....)

Week 1 **Chapter 1: Laplace Transforms**
Week 1, day 1, 01/01/..... ● Laplace Transformation
Week 1, Day 2, 02/01/..... ● Laplace Transformation of some Elementary Functions ● Linear Property of Laplace Transformation
Week 1, day 3, 03/01/..... ● Examples on Laplace Transformation
Week 1, Day 4, 04/01/..... ● First Shifting Property ● Results Obtained by First Shifting Property ● Change of Scale Property
Week 1, Day 5, 05/01/..... ● First Shifting Property-Examples
Week 1, Day 6, 06/01/..... ● Piece-Wise Continuity of a Function in an Interval ● Second Shifting Property
Week 2, Day 1, 08/01/..... ● Second Shifting Property-Examples
Week 2, Day 2, 09/01/..... ● Laplace Transformation of Derivatives ● Effect of Multiplication of f(t) by t^n in finding Laplace Transform ● Effect of Division of f(t) by t in finding Laplace Transform
Week 2, Day 3, 10/01/..... ● Examples
Week 2, Day 4, 11/01/..... ● Laplace Transform of Periodic Function
Week 2, Day 5, 12/01/..... ● Laplace Transform of Integrals
Week 2, Day 6, 13/01/..... ● Laplace Transform of Integrals –Examples
Week 3, day 1, 15/01/..... ● Laplace Transform of some important Function
Week 3, Day 2,16/01/..... ● Laplace Transform of some important Function –Examples
Week 3, Day 3, 17/01/.....

• Examples • Problems
Week 3 **Chapter 2: Inverse Laplace Transforms**
Week 3, Day 4,18/01/..... • Inverse Laplace Transform
Week 3, Day 5, 19/01/..... • Inverse Laplace Transform-Examples
Week 3, Day 6,20/01/..... • Inverse Laplace Transform-Examples
Week 4,Day 2, 23/01/..... • Other Methods to find Inverse Laplace Transform
Week 4,Day 4, 25/01/..... • Other Methods to find Inverse Laplace Transform –Examples
Week 4,Day 6, 27/01/..... • Other Methods to find Inverse Laplace Transform
Week 5, day 1, 29/01/201 • Convolution Theorem
Week 5, Day 2, 30/01/..... • Convolution Theorem-Examples
Week 5 **Chapter 3: Use of Laplace Transforms in Integral Equations**
Week 5, Day 4, 01/02/..... • Integral Equations
Week 5, Day 5, 02/02/..... • Examples on Laplace Transforms in Integral Equations
Week 5 **Chapter 4: Solution of Differential Equations by Laplace Transformation**
Week 5, Day 6, 03/02/..... • Solution of Linear D.E. with constant coefficients
Week 6, Day 1, 05/02/..... • Solution of Linear D.E. with variable coefficients
Week 6, Day 2, 06/02/..... • Solution of Simultaneous Linear Equation with constant coefficients
Week 6, Day 3, 07/02/..... • Problems
Week 6 **Chapter 5: Fourier Transforms**
Week 6, Day 4, 08/02/..... • Infinite Fourier Transform
Week 6, Day 5, 09/02/..... • Fourier sine Transform
Week 7, day 1, 12/02/..... • Fourier cosine Transform
Week 7, Day 2, 13/02/..... • Properties of Fourier Transforms

Week 7, Day 3, 14/02/..... ● Change of Scale Properties
Week 7, Day 4, 15/02/..... ● Shifting Property ● Modulation Property
Week 7, Day 5, 16/02/..... ● Examples on Fourier sine and cosine Transforms
Week 7, Day 6, 17/02/..... ● Examples on Fourier sine and cosine Transforms
Week 8, Day 2, 20/02/..... ● Examples based on the use of Inverse Transforms
Week 8, Day 4, 22/02/..... ● Examples based on the use of Inverse Transforms
Week 8, Day 5, 23/02/..... ● Convolution Theorem ● Fourier Transform of the Derivative
Week 8, Day 6, 24/02/..... ● Relation between Fourier and Laplace Tranform
Week 9, day 1, 26/02/..... ● Parseval's Identities ● Examples
Week 9, Day 2, 27/02/..... ● Finite Fourier sine and cosine Transform ● Examples
Week 10 **Chapter 6: Solution of Differtial Equation by Fourier Transforms**
Week 10, Day 1, 05/03/..... ● Solution of Differtial Equation by Fourier Transforms ● Examples
Week 10 **Chapter 7: Power Series**
Week 10, Day 2, 06/03/..... ● Power Series
Week 10, Day 3, 07/03/..... ● Operation on Power Series
Week 10, Day 4, 08/03/..... ● Analytic Functions ● Ordinary and Singular Points of Differential Equations
Week 10, Day 5, 09/03/..... ● Power Series Solution
Week 10, Day 6, 10/03/..... ● Power Series Solution-Examples
Week 11, day 1, 12/03/..... ● Frobenius Mthod
Week 11, Day 2, 13/03/..... ● Indicial Equations and Power Series Solutions

Week 11, Day 3, 14/03/..... ● Power Series Solutions
Week 11, Day 4, 15/03/..... ● Power Series Solutions
Week 11, Day 5, 16/03/..... ● Examples ● Problems
Week 11 **Chapter 8: Bessel's Equation and Bessel's Function**
Week 11, Day 6, 17/03/..... ● Beta and Gamma Function
Week 12, Day 1, 19/03/..... ● Bessel's Equation and its Solution
Week 12, Day 2, 20/03/..... ● Bessel's Function
Week 12, Day 3, 21/03/..... ● Deduction of Bessel's Function in the form of series
Week 12, Day 4, 22/03/..... ● Recurrence Relations for Bessel's Function
Week 12, Day 6, 24/03/..... ● Recurrence Relations for Bessel's Function-Examples
Week 13, Day 1, 26/03/..... ● Recurrence Relations for Bessel's Function-Examples
Week 13, Day 2, 27/03/..... ● Generating Function for $J_n(x)$
Week 13, Day 3, 28/03/..... ● Represention of $J_n(x)$ in Integral
Week 13, Day 5, 30/03/..... ● Jacobi's series ● Examples
Week 13 **Chapter 9: Legendre's Equation**
Week 13, Day 6, 31/03/..... ● Solution of Legendre's Equation ● Legendre's Polynomial
Week 14, Day 1, 02/04/..... ● Rodrigue's Formula ● Derivation of Legendre's Polynomial from Rodrigue's Formula
Week 14, Day 2, 03/04/..... ● Generating Function for $P_n(x)$
Week 14, Day 3, 04/04/..... ● Examples on Legendre's Polynomial
Week 14, Day 4, 05/04/..... ● Examples
Week 14, Day 5, 06/04/..... ● Recurrence Relations

Week 14, Day 6, 07/04/..... ● Orthogonality of Legendre olynomial
Week 15, Day 1, 09/04/..... ● Examples on Orthogonality of Legendre olynomial
Week 15,Day 2, 10/04/..... ● Examples ● Problems
Week 13 **Chapter 10 : Hermite's Equation**
Week 15, Day 3, 11/04/..... ● Solution of Hermite's Equation ● Hermite's Polynomial
Week 15,Day 4, 12/04/..... ● Generating Function for Hermite's Polynomial
Week 15, Day 5, 13/04/..... ● Rodrigue's Formula for $H_n(x)$
Week 16, Day 1, 16/04/..... ● Recurrence Relations ● Examples on Recurrence Relations
Week 16, Day 2, 17/04/..... ● Examples on Hermite's Polynomial
Week 16, Day 3, 18/04/..... ● Problems
Week 16, Day 4, 19/04/..... ● Revision
Week 16, Day 5, 20/04/..... ● Revision
Week 16, Day 6, 21/04/..... ● Revision
Week 17, Day 1, 23/04/..... ● Revision
Week 17, Day 2, 24/04/..... ● Revision
Week 17, Day 3, 25/04/..... ● Revision
Week 17, Day 4, 26/04/..... ● Revision
Week 17, Day 5, 27/04/..... ● Revision
Week 17, Day 6, 28/04/..... ● Revision

Programming in C and Numerical Methods

Name of Assistant Professor: MUKESH YADAV

Class and Section:B.A.IInd-(IVth Sem) Semester

Subject: -Programming in C and Numerical Methods

Lesson Plan: 18Weeks (from January ..... to April .....)

Week 1, **January 1 to January 7** Chapter 1:
Assignments
Week 1, Day 1, January 1 : Computers: Introduction
Week 1, Day 2, January 2: Flow Charts
Week 1, Day 3, January 3: Introduction To C
Week 1, Day 4, January 4: Character Set, C-Token
Week 1, Day 5, January 5 -Test
Week 1, Day 6, January 6: Variables; Rules for naming variables
Week 2, **January 8 to January14** Chapter :
Assignments
Week 2, Day 1, January 8: Revision
Week 2, Day 2, January 9: Data types
Week 2, Day 3, January 10: Data type description
Week 2, Day 4, January 11: Operators and expression
Week 2, Day 5, January 12: Loops
Week 2, Day 6, January 13:Switch and case control structure
Week 3, **January 15 to January 21** Chapter
Assignments
Week 3, Day 1, January 15:Break statement
Week 3, Day 2, January 16:Revision
Week 3, Day 3, January 17: Programe making statement

Week 3, Day 4, January 18:Class test
Week 3, Day 5, January 19:Functions
Week 3, Day 6, January 20:Local and global variables
Week 4, **January 22 to January 28** Chapter
Assignments
Week 4, Day 1, January 22 **Holiday**
Week 4, Day 2, January 23: The C-Processor
Week 4, Day 3, January 24: **Holiday**
Week 4, Day 4, January 25: Array one and two dimensional
Week 4, Day 5, January 26 **Holiday**
Week 4, Day 6, January 27: Multiple dimensional Array
Week 5, **January 29 to February4** Chapter
Assignments
Week 5, Day 1, January 29:Presentation
Week 5, Day2, January 30: Class test
Week 5, Day 3, January 31: **Holiday**
Week 5, Day 4, February 1:Strings
Week 5, Day 5, February 2: Standard string handling
Week 5, Day 6, February 3:Arithmetic operation character
Week 6, February 5to February 11 Chapter
Assignments
Week 6, Day 1, February 5:Structure:Definition and importance
Week 6, Day 2, February 6:Use of strings in Array and array in strings
Week 6, Day 3, February 7:Rivision
Week 6, Day 4, February 8:Union and structure
Week 6, Day 5, February 9:Pointers
Week 6, Day 6, February 10 **Holiday**
Week 7, **February 12 to February 18** Chapter

Assignments
Week 7, Day 1, February 12:File in C*
Week 7, Day 2, February 13 **Holiday**
Week 7, Day 3, February 14:Class test
Week 7, Day 4, February 15:Presentation
Week 7, Day 5, February 16:Solution of algebraic equation
Week 7, Day 6, February 17: Solution of transcendental equation
Week 8 **February 19 to February25** Chapter
Assignments
Week 8, Day 1, February 19: Eq. of Descarte's rule of sign
Week 8, Day 2, February 20:Problems of descarte's rule of sign
Week 8, Day 3, February 21:Bisection Method
Week 8, Day 4, February 22: Example. Of bisection method
Week 8, Day 5, February 23: Problems of Bisection Method
Week 8, Day 6, February 24: Class test
Week 9, **February26 to March4** Chapter
Assignments
Week 9, Day 1, February 26: Regula Falsi
Week 9, Day 2, February 27:Order of convergence of Regula Falsi
Week 9, Day 3, February 28 **Holiday**
Week 9, Day 4, March 1 **Holiday**
Week 9, Day 5, March 2 **Holiday**
Week 9, Day 6, March 3 **Holiday**
Week 10, **March 5 to March11** Chapter
Assignments
Week 10, Day 1, March 5:Example of Regula Falsi
Week 10, Day 2, March 6: Problems of Regula Falsi Method
Week 10, Day 3, March 7:Revision
Week 10, Day 4, March 8: Secant Method

Week 10, Day 5, March 9: Example of Secant Method
Week 10, Day 6, March 10: Problems of Secant Method
Week 11, **March 12 to March 18** Chapter
Assignments
Week 11, Day 1, March 12: Newton Raphson Method
Week 11, Day 2, March 13: Order of Convergence of Newton Raphson
Week 11, Day 3, March 14: Revision
Week 11, Day 4, March 15:Example of Newton Raphson
Week 11, Day 5, March 16: Problems of Newton Raphson
Week 11, Day 6, March 17: Comparison of above four tests
Week 12, **March 19 to March25** Chapter
Assignments
Week 12, Day 1, March 19:Newton Raphson Iterative Formulae for finding inverse and square roots
Week 12, Day 2, March 20: Guass elimination Method
Week 12, Day 3, March 21: Examples of Guass Elimination Method
Week 12, Day 4, March 22:Problems of Guass Elimination Method
Week 12, Day 5, March 23: **Holiday**
Week 12, Day 6, March 24: Gauss Jorden Method
Week 13, **March26to April 1** Chapter
Assignments
Week 13, Day 1, March 26: Example of Guass Jorden method
Week 13, Day 2, March 27:Problems of Guasas Jorden Method
Week 13, Day 3, March 28: Triangularisation Method
Week 13, Day 4, March 29 **Holiday**
Week 13, Day 5, March 30: Example of Triangularisation Method
Week 13, Day 6, March 31: Problems of Triangularisation Method
Week 14, **April 2 to April 8** Chapter
Assignments
Week 14, Day 1, April 2: Cholesky Decomposition Method

Week 14, Day 2, April 3: Example of Cholesky Method
Week 14, Day 3, April 4:Problems on Cholesky Method
Week 14, Day 4, April 5:Crout' Method
Week 14, Day 5, April 6: Example of Crout's Method
Week 14, Day 6, April 7: Problems on Crouts'Method
Week 15, **April 9 to April15** Chapter
Assignments
Week15 , Day 1, April 9: Jacobi's Method
Week 15, Day 2, April 10: example of Jacobi's Method
Week 15, Day 3, April 11: Problems on Jacobi's Method
Week 15, Day 4, April 12: Gauss-Seidal Method
Week 15, Day 5, April 13: Example of Gauss-Seidal Method
Week 15, Day 6, April 14 **Holiday**
Week 16, **April 16 to April22** Chapter
Assignments
Week 16, Day 1, April 16: Relaxation Method
Week 16, Day 2, April 17: Example of Relaxation Method
Week 16, Day 3, April 18 **Holiday**
Week 16, Day 4, April 19: Problems of Relaxation method
Week 16, Day 5, April 20: Problems of Gauss –Seidal Method
Week 16, Day 6, April 21: Revision
Week17 **April 23 to April29** Chapter
Assignments
Week17 , Day 1, April 23:Class test
Week 17, Day 2, April 24:Presentation
Week 17, Day 3, April 25: Revision
Week 17, Day 4, April 26:Revision
Week 17, Day 5, April 27: Class test
Week 17, Day 6, April 28:Revision

Week 18 **April 30 to May 6** Chapter
Assignments
Week18 , Day 1, April 30 **Holiday**