DAV CENTENARY COLLEGE FARIDABAD		
Summary of Lesson Plans of College Faculty		
Name of Asst/Associate Pro Ms. Kiran (A & E), Ms. Ruchi (B & C), Mr. Raghav(D)		
Class & Section:		BCA-1ST SEM
Subject:	Maths	
Academic Session 2023-2024 Odd Sem		
	Date	**Topics to be covered**
Week 1	7/21/2023	Sets
	7/22/2023	Sets
	7/23/2023	**Sunday**
	7/24/2023	Subsets
	7/25/2023	Subsets
	7/26/2023	Equal Sets
	7/27/2023	Universal Sets
	7/28/2023	Equal Sets
	7/29/2023	Finite and Infinite Sets
WEEK 2	7/30/2023	**Sunday**
	7/31/2023	Finite and Infinite Sets
	8/1/2023	Operation on Sets
	8/2/2023	Operation on Sets
	8/3/2023	Operation on Sets
	8/4/2023	Union, Intersection
	8/5/2023	Union, Intersection
WEEK 3	8/6/2023	**Sunday**
	8/7/2023	Complements of Sets
	8/8/2023	Cartesian Product,
	8/9/2023	Cartesian Product,
	8/10/2023	Cardinality of Set,
	8/11/2023	Simple Applications.
	8/12/2023	Simple Applications.
WEEK 4	8/13/2023	**Sunday**
	8/14/2023	**DETERMINANTS:** Definition, Minors, Cofactors,
	8/15/2023	**Independence day**
	8/16/2023	Cofactors, Properties of Determinants, ,
	8/17/2023	Applications of determinants in finding area of triangle
	8/18/2023	Solving a system of linear equations
	8/19/2023	**MATRICES:** Definition, Types of Matrices
WEEK 5	8/20/2023	**Sunday**
	8/21/2023	Addition, Subtraction
	8/22/2023	Scalar Multiplication and Multiplication of Matrices,
	8/23/2023	Adjoint, Inverse, solving system of linear equation Cramer's Rule.
	8/24/2023	Scalar Multiplication and Multiplication of Matrices,
	8/25/2023	Adjoint, Inverse, solving system of linear equation Cramer's Rule.
	8/26/2023	Properties of Relations, Equivalence Relation, Partial Order Relation Function
WEEK 6	8/27/2023	**Sunday**
	8/28/2023	Domain and Range, Onto, Into and One to One Functions

	8/29/2023	Composite and Inverse Functions
	8/30/2023	**Rakhi**
	8/31/2023	Limit at a Point, Properties of Limit, Computation of Limits of Various Types of Functions,
	9/1/2023	Continuity of a function at a Point, Continuity Over an Interval
	9/2/2023	Sum, product and quotient of continuous functions
WEEK 7	9/3/2023	**Sunday**
	9/4/2023	Intermediate Value Theorem, Type of Discontinuities
	9/5/2023	Intermediate Value Theorem, Type of Discontinuities
	9/6/2023	**Jananashtmi**
	9/7/2023	Intermediate Value Theorem, Type of Discontinuities
	9/8/2023	Derivative of a function
	9/9/2023	Derivatives of Sum
WEEK 8	9/10/2023	**Sunday**
	9/11/2023	Differences, Product & Quotient of functions
	9/12/2023	Differences, Product & Quotient of functions
	9/13/2023	Derivatives of polynomial, trigonometric
	9/14/2023	Derivatives of polynomial, trigonometric
	9/15/2023	exponential
	9/16/2023	logarithmic
WEEK 9	9/17/2023	**Sunday**
	9/18/2023	inverse trigonometric and implicit functions
	9/19/2023	inverse trigonometric and implicit functions
	9/20/2023	inverse trigonometric and implicit functions
	9/21/2023	Revision
	9/22/2023	Logarithmic Differentiation
	9/23/2023	**Saheedi Diwas (Haryana Heros Martyrdom Day)**
WEEK 10	9/24/2023	**Sunday**
	9/25/2023	Logarithmic Differentiation
	9/26/2023	Logarithmic Differentiation
	9/27/2023	Revision
	9/28/2023	Revision
	9/29/2023	Chain Rule and differentiation by substitution.
	9/30/2023	Chain Rule and differentiation by substitution.
WEEK 11	10/1/2023	**Sunday**
	10/2/2023	**Gandhi Jayanti**
	10/3/2023	Chain Rule and differentiation by substitution.
	10/4/2023	Revision
	10/5/2023	Revision
	06.10.2023	Presentation
	07.10.2023	Presentation
WEEK 12	08.10.2023	**Sunday**
	09.10.2023	Presentation
	10.10.2023	Presentation
	11.10.2023	Presentation
	12.10.2023	Indefinite Integrals
	13.10.2023	Methods of Integration by Substitution
	14.10.2023	Indefinite Integrals

WEEK 13	15.10.2023	**Sunday**
	16.10.2023	Doubt Session
	17.10.2023	Doubt Session
	18.10.2023	Internal Examination
	19.10.2023	Internal Examination
	20.10.2023	Internal Examination
	21.10.2023	Internal Examination
	22.10.2023	**Sunday**
WEEK 14	23.10.2023	Methods of Integration by Substitution
	24.10.2023	**Dusshera**
	25.10.2023	By Parts, Partial Fractions,
	26.10.2023	By Parts, Partial Fractions,
	27.10.2023	Integration of Algebraic and Transcendental Functions
	28.10.2023	Integration of Algebraic and Transcendental Functions
WEEK 15	29.10.2023	**Sunday**
	30.10.2023	Integration of Algebraic and Transcendental Functions
	31.10.2023	Reduction Formulae for simple and Trigonometric Functions
	01.11.2023	**Haryana Day**
	02.11.2023	Reduction Formulae for simple and Trigonometric Functions
	03.11.2023	Reduction Formulae for simple and Trigonometric Functions
	04.11.2023	Definite Integral as Limit of Sum
WEEK 16	05.11.2023	**Sunday**
	06.11.2023	Fundamental Theorem of Integral Calculus
	07.11.2023	Fundamental Theorem of Integral Calculus
	08.11.2023	Evaluation of definite integrals by substitution
	09.11.2023	Evaluation of definite integrals by substitution
	10.11.2023	**Diwali Break**
	11.11.2023	**Diwali Break**
WEEK 17	12.11.2023	**Diwali Break**
	13.11.2023	**Diwali Break**
	14.11.2023	**Diwali Break**
	15.11.2023	**Diwali Break**
	16.11.2023	**Diwali Break**
	17.11.2023	using properties of definite integral
	18.11.2023	using properties of definite integral
WEEK 18	19.11.2023	**Sunday**
	20.11.2023	Revision of Unit-1
	21.11.2023	Revision of Unit-2
	22.11.2023	Revision of Unit-3
	23.11.2023	Revision of Unit-4
	24.11.2023	Doubt Session
	25.11.2023	**Examinations**