

GOVT. NATIONAL COLLEGE, SIRSA राजकीय नैशनल महाविद्यालय, सिरसा

B++ Grade, NAAC Accredited

Website: gncsirsa.edu.in,



LESSON PLAN 2025-26

GOVT. NATIONAL COLLEGE, SIRSA

(Lesson Plan)

Numerical Analysis

Department of Mathematics

Name of Teacher: Dr. Veena Rani

Class- B.Sc/B.A. 5th sem

Session-2025-26

Week	Topics	
1	Chapter-1 Finite difference operators & their relations & related questions	
2	Finding the missing terms & effect of error in a difference tabular values and related questions.	
3	Chapter-2 Interpolation with equal intervals: Newton's forward & Newton's backward interpolation formulae and related questions.	
4	Chapter-3 Interpolation with unequal intervals: Newton divided difference, Lagrange's Interpolation formulae, Hermite formula related questions.	
5	Discuss the problems related to the chapter-1, 2,3 and Test .	
6	Chapter-4 Central differences: Gauss forward and Gauss backward interpolation formulae, sterling, Bessel formula related questions.	
7	Chapter-5 Probability distribution of random variables, Binomial distribution and related questions.	
8	Chapter-6 Numerical Differentiation: Derivative of a function using interpolation formula (Newton's forward, Newton Backward, sterling, Bessel, Newton's divided difference formula related questions.	
9	Chapter-7 Eigen value problems: Power method, jacobi's method, Given's method, House holder method, QR-method, Lanczo's method related questions.	
10	Chapter-8 Numerical Integration: Newton Cote's Quadrature formula, Trapezoidal rule, Simpsons one-third and three-eighth rule, Chebychev formula, Gauss Quadrature formula related questions.	
11	Chapter-9 Numerical solution of ordinary differential equations: Single step method-Picard's method, Taylor's series method, Euler's method, Runge-Kutta	

	Methods, Multiple step methods, Predictor-corrector method. Modified	
	Euler's method, Milne-Simpson's method and related questions.	
12	Discuss the problems related to the chapter-8, 9 and Test.	
13	Revision	

Signature

GOVT. NATIONAL COLLEGE, SIRSA

Lesson Plan

(Mathematics for All) Department of Mathematics

Class- B.Sc/B.A. IIndYear(3rd Sem)

Name of Teacher:- Dr. Raj kumar

Session-2025-26

Week	Topics	
1	The concept of differentiation . Differentiation of simple function .	
2	Second order differentiation . Maximum and minimum of a function .	
3	Integration of simple algebraic . Trigonometric and exponential .	
4	Presentation of data; Frequency distribution and cumulative frequency distribution.	
5	Measure of Central tendency; Mean, Median, Mode.	
6	Geometric mean and Harmonic mean for grouped and ungrouped data.	
7	Measure of dispersion; concept of dispersion Mean deviation and its coefficient.	
8	Variance and its coefficient, standard deviation.	
9	Correlation; concept and types.	
10	Methods of finding corrections .	
11	Linear regrassion .	
12	Principle of least square .	
13	Solution of differential equation of first order and degree .	
14	Revision and problem discussions	

GOVT. NATIONAL COLLEGE, SIRSA Lesson Plan

(Differential Equations) Department of Mathematics

Class- B.Sc/B.A. IIndYear(3rd Sem)

Name of Teacher:- Dr Veena Rani / Dr. Raj kumar

Session-2025-26

Week	Topics	
1	Basic concepts of genesis of ordinary differential equations, Order and degree of a differential equation, Solutions of a differential equation of first order and first degree.	
2	Exact differential equations, Integrating factor	
3	First order higher degree equations solvable for x.yand p , Lagrange's equations.	
4	Clairaut's form and singular solutions. Orthogonal trajectories of one-parameter families of curves in a plane.	
5	Solutions of linear ordinary differential equations with constant coefficients.	
6	Linear non-homogeneous differential equations. Cauchy -Euler's equation.	
7	Linear differential equation of second order with variable coefficients.	
8	Method of reduction of order, method of undetermined coefficients, method of variation of parameters.	
9	Solution of simultaneous differential equations.	
10	Total differential equations,	
11	First order linear partial differential equations.	
12	First order non-linear partial differential equations.	
13	Second order linear partial differential equations with constant coefficients	
14	Assignment and class Test.	

GOVT. NATIONAL COLLEGE, SIRSA Lesson Plan (Quatitative Aptitude) Department of Mathematics

Class- B.Sc/B.A. IIndYear SEC(3rd Sem)

Name of Teacher:- Dr Veena Rani Session-2025-26

Week	Topics
1	Linear equations, Quadratic equations, System of Algebraic equations in two variables.
2	Applications of algebraic equations in simple problems : Problems on ages , Clocks .
3	Time and Distance : Problems based on trains, Boats and Streams, Pipes and Cistern.
4	Work and Time:Problems on work and time,Work and wages.
5	Simple interest , Compound interest.
6	Partenership
7	Basic idea of set theory to solve practical problems.
8	Trignometric ratios and identities, Height and distance.
9	Test and Assignments .
10	Basic idea of Permutations and Combinations . Events and Sample space, Probability.
11	Data interpretation : Raw and grouped data , Bar Graph , Pie Chart .
12	Mean , Median ,Mode.
13	Revision and problem discussions
14	Revision and problem discussions

Lesson Plan -2025-26

Name of the Assistant /	Associate Professor	Bharti Sharma
Class and Section	BSC 3 rd YEAR	.PAPER 1
Subject	Quantum and Laser	Physics

	IN SECTION
	Quantum and LaserPhysics
Week	Topics
1	Unit-1 Scale of Quantum physics, Boundary between classical and quantum phenomena.
	Photoelectric effect , Compton effect
2	Frank Hertz expt. , de Broglie Hypothesis
	Devision and Germer expt , G P thomson expt
3	Phase velocity and group velocity and their relation
	Heisenberg uncertainity principle , time energy and angular momentum
4	Uncertainity principle from de broglie wave
	Gamma ray microscope , electron diffraction from a slit
5	Derivation of 1D time dependent SWE
	Time independent SWE , eigen value and eigen function
6	Orthogonality and normalization of a function
	Expectation value of a dynamical quantities , probability current density ,Assignment
7	Unit -2Free particle in 1D box, eigen function and eigen values
	Quantization of energy and momentum , nodes and anti nodes
	Zero point energy
8	1D step potential E>Vo
	1D step potential E <vo< td=""></vo<>
	1D potential barrier E>Vo
	1D potential barrier E <vo< td=""></vo<>
9	Solution of SWE for Harmonic oscillator.
	Wave equation for ground state and excited state
	Revision of 2 nd unit, Assignment
10	Unit-3 Absorption and emission of radiation
	Main features of a laser , directionality
	High intensity , high degree of coherence
	Spatial and temporal coherence, Einstien coefficients and possibility of amplification
11	Momentum transfer
	Life time of level
	Kinetics of optical absorption
12	Population inversion, Test
	Resonance cavity , laser pumping
	Threshold condition for laser emission
13	Line broadening mechanism
	Homogeneous broadening
	Inhomogeneous line broadening
	Revision of 3 rd unit
14	Unit -4 He-Ne laser
	Ruby laser
	Optical properties of semiconductors
15	Semiconductor laser
_ 	Applications of laser
	Revision of unit 4 th .

Lesson plan

Name of the Assistant,	/ Associate Professor.	Kuldeep Kumar	
Class and Section	BSC 3 rd YEAR	PAPER 2	
Subject		Nuclear Physics	

Week	Topic	
1	Unit 1: Nuclear composition.	
	Mass and binding energy.	
	Numerical problems.	
2	Systematics of nuclear binding energy nuclear stability. Nuclear size, spin, parity, statistics.	
3	Magnetic dipole moment, quadrupole moment (shape concept).	
	Determination of mass by Bain-Bridge. Bain-Bridge and Jordan mass spectrograph.	
4	Determination of charge by Mosley Law. Determination of size of nucleus by Rutherford Back Scattering.	
	Numerical problems	
	Discussions of questions and doubt	
5	Unit 2: Alpha-disintegration and its theory. Energeties of alpha-decay.	
	Origin of continuous beta spectrum (neutrino hypothesis.	
6	Type of beta decay and energetics of beta decay.	
	Nature of gamma rays. Energetics of gamma rays.	
7	Interaction of heavy, charged-particles (Alpha particles) Energies loss of heavy charged particle (idea of Bethe formula, no derivation).	
	Range and straggling of alpha particles. Geiger-Nuttal law.	
8	Numerical problems	
	Interaction of light charged particle (Beta-particle). Energyloss of beta particles (ionization).	
9	Range of electrons, absorption of beta particles.	
	Interaction of Gamma sRay: passage of Gamma radiations through matter ,Photoelectric Effect, Compton effect.	
	Pair Production, Electron Positron annihilation.	
10	A bsorption of Gamma rays: Mass attenuation cofficient and its application.	
	Numerical Problems.	
	Discussions of questions and doubt.	
	Assignment	
11	Unit 3: Linear accelerator. Tendem acclerator.	
	Cyclotron and Betatron acclerator.	
12	Ionization chamber, proportional counter.	
	G.M counter (detailed study).	
13	Seintillation counter and semicounductor detector.	
	Numerical Problems.	
	Discussions of questions and doubt.	
14	Unit: 4 Nuclear reactions, Elastic scattering, Inelastic scattering.	
	Nuclear disintegration, photo-nuclear reaction.	
	Radiative capture Direct-reaction.	
	Heavy ion reactions and spallation reactions.	
	Conservation laws, Q-value and reaction Threshold.	
	Nuclear Reactors, General aspects of Reactor Design.	
15	Nuclear fission reactors.	
	Nuclear Fusion reactors.	
	Numerical problems.	
	Discussions of questions and doubt.	

Lesson Plan

Name of the Teacher: Sarita Rani Class and Section: B.Sc 2nd Designation: Extension Lecturer

Semester: 3 rd

Subject- wave and Optics

Week	Topics		
R1	Interference division by wavefront, Young double slit experiment, coherence sources of light, conditions for good interference, phase change on reflection		
2	Fresnel Biprism and it's application to find out wavelength of sodium light, thickness of thin mica sheet		
3	Interference division by amplitude, plane parallel thin film production of colours in thin film, interference due to transmitted and reflected light		
4	Wedge shaped film, Newton,s Ring and it's applications Revision of first unit		
5	Fresnel Diffraction,Fresnel,s half period Zone ,Zone plate		
6	Diffraction at a single slit, Diffraction at rectangular slit, Diffraction at straight edge		
7	Fraunhoffer diffraction at single slit, Double slit Diffraction		
8	Plane transmission grating ,limit of resolution		
9	Rayleigh,s criteria, Resolving power of telescope and grating		
10	Revision of Unit -2, Mid Term Test, Numericals problems		
11	Concept of polarization, Transverse and longitudinal waves		
12	Method of polarization, polarization by reflection, polarization by refraction		
13	Polarization by scattering, Malus, s law, phenomenon of Double Refraction		
14	Huygen,s wave theory of Double Refraction, Nicol Prism positive and Negative crystal		
15	Production and Detection of plane, circular, elliptical polarized lights,Fresnel theory of optical rotation, Specific rotation		

Lesson Plan

Designation: Extension Lecturer Semester: 1st Name of the Teacher: Seema Rani

Class and Section: B.Sc

Subject- Mechanics and Theory of Relativity

Week	Topics to be Covered	
Week1	Introduction to Rigid body, Moment of Inertia, Radius of Gyration. Concept of Torque & Angular Momentum	
Week 2	Rotational Kinetic Energy, Law of Conservation of Angular Momentum. Proof of Theorem of Perpendicular and Parallel Axis.	
Week 3	Moment of Inertia of Ring, Disc, Solid Cylinder. Derivations + Examples.	
Week 4	Moment of Inertia of Hollow Cylinder, Solid Sphere, Hollow Sphere, Spherical Shell. Numerical problems.	
Week 5	Moment of Inertia of Rectangular Cross Section Bar, Flywheel, Irregular body. Practical examples.	
Week 6	Acceleration of a body rolling down an inclined plane. Revision & Problem Solving (Unit 1)	
Week 7	Elasticity, Stress & Strain, Hooke's Law. Elastic constants and their relations	
Week 8	Poisson's Ratio, Torsion of Cylinder & Twisting Couple. Experimental determination of Modulus of Rigidity (Maxwell's Needle method).	
Week 9	Bending of Beam, Bending Moment & Magnitudes. Cantilever & Centrally Loaded Beam.	
Week 10	Determination of Young's Modulus (Searle's Method). Elastic constants of beam 8 wire. Revision of Unit 2.	
Week 11	Reference Frames (Inertial & Non-Inertial). Galilean Transformation & Invariance.	
Week 12	Principle of Newtonian Relativity. Michelson-Morley Experiment & Findings.	
Week 13	Postulates of Special Theory of Relativity. Lorentz Transformations.	
Week 14	Consequences of Lorentz Transformations: Length Contraction, Time Dilation, Twin Paradox.	
Week 15	Velocity Addition Theorem, Variation of Mass with Velocity, Mass-Energy Equivalence. Overall Revision & Mock Test (Units 1–3).	

Lesson Plan

Designation: Assistant Professor Semester: 1st Name of the Teacher: Bharti Sharma

Class and Section: B.Sc

Subject- Physics Fundamentals 1

Week	Topics to be Covered	
Week1	Physical quantities-fundamental and derived quantities-fundamental and derived	
Week 2	system of units, need of measurement	
Week 3	fundamental and derived units	
Week 4	dimensions of physical quantities	
Week 5	dimensional formulae	
Week 6	Revision & Problem Solving (Unit 1)	
Week 7	Scalar and vector quantities, rest and motion	
Week 8	Motion of objects in one, two and three dimensions with examples,	
Week 9	concept of position, distance, Assignment	
Week 10	displacement, speed, velocity, average and instantaneous speed,	
Week 11	average and instantaneous velocity, Test	
Week 12	acceleration, uniform motion with example	
Week 13	non-uniform motion with examples	
Week 14	. Overall Revision	
Week 15	. Overall Revision	

B.A. 1st Semester DSC

Introduction to Political Science

- 1 Week of August Political Science Concept Nature
- 2 Week of August Political Science Concept Nature
- 3 Week of August Scope Significance
- 4 Week of August Scope Significance
- 1 Week of September State
- 2 Week of September Sovereignty
- 3 Week of September Government
- 4 Week of September Government
- 1 Week of October Power
- 2 Week of October Authority
- 3 Week of Legitimacy
- 4 Week of October Legitimacy
- 1 Week of November Rights
- 2 Week of November Liberty
- 3 Week of November Equality
- 4 Week of November Laws

B.A. 3rd Semester DSC

Indian Government and Politics

- 1 Week of August Indian Political System
- 2 Week of August Indian Political System
- 3 Week of August Disputes redressal mechanism
- 4 Week of August Disputes redressal mechanism
- 1 Week of September Party System
- 2 Week of September Pressure Groups
- 3 Week of September Civil Society
- 4 Week of September Civil Society
- 1 Week of October Planning and Economic Development
- 2 Week of October Planning and Economic Development
- 3 Week of Planning and Public Sector
- 4 Week of October Niti Aayog
- 1 Week of November Caste
- 2 Week of November Religion
- 3 Week of November Region
- 4 Week of November Ethnicity Issues

B.A. 1st Semester MIC

Political Science as a Discipline

- 1 Week of August Political Science Meaning Concept
- 2 Week of August Political Science Meaning Concept
- 3 Week of August Scope
- 4 Week of August Scope
- 1 Week of September Significance
- 2 Week of September Significance
- 3 Week of September Nature
- 4 Week of September Nature
- 1 Week of October Liberal Theory
- 2 Week of October Liberal Theory
- 3 Week of October Marxist Theory
- 4 Week of October Marxist Theory
- 1 Week of November Pluralist Theory
- 2 Week of November Pluralist Theory
- 3 Week of November Classical
- 4 Week of November Contemporary

B.A. 3rd Semester MDC

International and Regional Organisations

- 1 Week of August International Organisation Evolution Nature
- 2 Week of August Scope
- 3 Week of August Importance
- 4 Week of August Governmental Organisation
- 1 Week of September Non Governmental Organisation
- 2 Week of September Congress of Vienna to the League of Nations
- 3 Week of September The Secretary General
- 4 Week of September The Secretary General
- 1 Week of October General Assembly
- 2 Week of October Security Council
- 3 Week of October Regional Organisations
- 4 Week of October SAARC
- 1 Week of November BIMSTIC
- 2 Week of November ASEAN
- 3 Week of November European Union
- 4 Week of November QUAD

B.A. 1st Semester SEC

Understanding Grassroots Democracy

- 1 Week of August Grassroots Democracy
- 2 Week of August Grassroots Democracy
- 3 Week of August Historical Development of Local Government
- 4 Week of August Local Governance
- 1 Week of September Urbanization
- 2 Week of September Urbanization
- 3 Week of September Urban Local Bodies
- 4 Week of September Urban Local Bodies
- 1 Week of October Panchayati Raj Institutions
- 2 Week of October Rural Urban Relationship
- 3 Week of October State Finance Commission
- 4 Week of October Urban Development Programmes
- 1 Week of November AMRUT
- 2 Week of November DAYNILM
- 3 Week of November MGNREGA
- 4 Week of November DAYNILM

B.A. 3rd Semester SEC

Democracy and Governance

- 1 Week of August Governance
- 2 Week of August Governance
- 3 Week of August Good Governance
- 4 Week of August Good Governance
- 1 Week of September E Governance
- 2 Week of September Corporate Governance
- 3 Week of September RTI
- 4 Week of September RTS
- 1 Week of October Lokpal
- 2 Week of October Lokpal
- 3 Week of October Lokayukta
- 4 Week of October Lokayukta
- 1 Week of November Judicial Review
- 2 Week of November Judicial Activism
- 3 Week of November Judicial Activism
- 4 Week of November Media Trial

M. A. 3rd Semester

Citizen Centric Governance

- 1 Week of August Citizen Centric Governance
- 2 Week of August Citizen Centric Governance
- 3 Week of August Good Governance
- 4 Week of August Right to Service
- 1 Week of September RTI
- 2 Week of September RTI
- 3 Week of September Good Governance and RTI
- 4 Week of September Good Governance and RTI
- 1 Week of October RTI act 2005
- 2 Week of October RTI act 2005
- 3 Week of October Central Information Commission
- 4 Week of October State Information Commission
- 1 Week of November RTS
- 2 Week of November RTS
- 3 Week of November RTS
- 4 Week of November RTS

B.A. 1st Semester DSC

Introduction to Political Science

- 1 Week of August Political Science Concept Nature
- 2 Week of August Political Science Concept Nature
- 3 Week of August Scope Significance
- 4 Week of August Scope Significance
- 1 Week of September State
- 2 Week of September Sovereignty
- 3 Week of September Government
- 4 Week of September Government
- 1 Week of October Power
- 2 Week of October Authority
- 3 Week of Legitimacy
- 4 Week of October Legitimacy
- 1 Week of November Rights
- 2 Week of November Liberty
- 3 Week of November Equality
- 4 Week of November Laws

GOVT NATIONAL COLLEGE, SIRSA Lesson Plan

Session 2025-2026

Subject: Citizen Centric Governance Class: MA Final Political Science

Semester: III

Sr. No.	Topic	Week	Activities
1.	Citizen Centric Governance:	Week 4 July 2025	
	Intent, Purpose		
2.	Citizen Centric Governance:	Week 1 August 2025	
	Salient Features, Issues and		
	Challenges		
3.	Good Governance and Right	Week 2 August 2025	
	to Service		
4.	Historical Development:	Week 3 August 2025	
	Right to Service		
5.	Historical Background of	Week 4 August 2025	
	RTI, Right to Information		Presentation of
6.	Concept and Significance of	Week 1 September 2025	Students
	RTI in a Democracy		
7.		Week 2 September 2025	Assignment I
	Good Governance and RTI		
8.	Campaign for Freedom of	Week 3 September 2025	
	Information		
9.	Citizens Right to Know	Week 4 September 2025	Class test
10.	RTI Act 2005: Intent,	Week1 October 2025	
	Purpose, Salient Features,		
	Issues and Challenges		
11.	Constitutional and statuary	Week 2 October 2025	
	Basis and Provisions		
	regarding RTI.		
12.	Central Information	Week 3 October 2025	
	Commission and State		
	Information Commission:		
	Composition, Power and		
	Functions		
13.	Haryana Right to Service Act,	Week 4 October 2025	
	2014(RTS):Intent, Purpose		
	and Salient Features		
14.	Haryana Right to Service Act,	Week 1 November 2025	
	2014(RTS): Issues and		
	Challenges, Haryana Right to		
	Service Commission		
15.	2 nd and 1 st Grievance	Week 2 November 2025	
	Redressal Authorities and		
	Designated Officers	W. 1.0 N. 1.0007	
16.	Process of Filling and	Week 3 November 2025	
	Disposal of RTI Applications	W 1 4 N 1 2227	
17.	Revision of Syllabus	Week 4 November 2025	

GOVT NATIONAL COLLEGE, SIRSA Lesson Plan

Session 2025-2026

Subject: Local Self Government in India

Class: MA Final Political Science

Semester: III

Sr. No.	Topic	Week	Activities
1.	Meaning, Scope and	Week 4 July 2025	
	Significance of Local		
	Government		
2.	Evolution and Growth of	Week 1 August 2025	
	Local Self Government in		
	India		
3.	Features of Urban Local Self	Week 2 August 2025	
•	Government in India		
4.	Features of Rural Local Self	Week 3 August 2025	
••	Government in India		
5.	Structure and Organization	Week 4 August 2025	
0.	of Urban Local Self		Presentation of
	Government in India: Gram		Students
	Panchayat, Gram Sabha		Students
6.	Structure and Organization	Week 1 September 2025	_
0.	of Urban Local Self	l	
	Government in India:		Assignment I
	Panchayat Samiti and Zila		Assignment
	Parishad		
7.	Functions of Rural Local	Week 2 September 2025	
7.	Government in India	Week 2 September 2020	
8.	Urban Governance	Week 3 September 2025	
0.		Week o September 2020	
	Structure, Composition,		
	Functions of Municipal Corporation		
9.	Functions of Municipal	Week 4 September 2025	Class test
9.	· -	week i beptember 2020	Class test
	council, Nagar Panchayat		
	and Metropolitan		
10	Governance Power Function and Finance	Week1 October 2025	_
10.		Week! Octobel 2023	
1 1	of Local Government in India	Week 2 October 2025	
11.	State- Local Relations in	week 2 October 2025	
	India: Problems and		
	Suggestions, Globalization		
10	and Urban Governance	W1-2 O-+-1 0005	
12.	Features of 73 rd	Week 3 October 2025	
	(Constitutional) Amendment		
	Act and 74th (Constitutional)		
	Amendment Act, District		
	Planning Committee(DPC)	W. 1.40.41.2025	
13.	Policies and Programme of	Week 4 October 2025	
	Rural Development:		
	MGNREGA		
14.	Policies and Programme of	Week 1 November 2025	
	Rural Development: Pradhan		
	Mantri Adarsh Gram Yojna	Week 2 November 2025	
15.	Rural Infrastructure: PGRY,		

16.	Urban Development	Week 3 November 2025	
	Programmes		
17.	National Health Mission and	Week 4 November 2025	
	Smart Cities.		

GOVT NATIONAL COLLEGE, SIRSA Lesson Plan

Session 2025-2026

Subject: Academic Integrity and Publication Ethics

Class: MA Final Political Science

Semester: III

Sr. No.	Topic	Week	Activities
1.	Academic Integrity:	Week 4 July 2025	
	Introduction		
2.	Academic Integrity: Major	Week 1 August 2025	
	Aspects		
3.	Values	Week 2 August 2025	
4.	Values	Week 3 August 2025	-
	Social Responsibility		
5.	Dlagiariam : Canaant	Week 4 August 2025	
6.	Plagiarism : Concept Plagiarism : Method of	Week 1 September 2025	Presentation of
0.	Detection	Week 1 September 2020	Students
7.	Detection	Week 2 September 2025	-
, ,		•	
			Assignment I
	Prevention of Plagiarism		Assignment
8.	Research and Publication	Week 3 September 2025	
	Ethics: Misconducts	-	
9.	Research and Publication	Week 4 September 2025	Class test
	Ethics: Falsification		
10.	Estaniantian and Dispisaisan	Week1 October 2025	
11.	Fabrication and Plagiarism Publication Ethics :	Week 2 October 2025	
11.	Definition	Week 2 October 2020	
12.	Introduction and Importance	Week 3 October 2025	
14.	introduction and importance		
13.	Fair Practices and Standard	Week 4 October 2025	
	Setting: Initiatives and		
	Guidelines COPE, WAME		
14.	Violation of Publication	Week 1 November 2025	
	Ethics, Authorship and		
15.	Contributor-ship Identification of Publication	Week 2 November 2025	
15.	Misconduct	WCCK 2 NOVELIDE 2023	
16.	Complains and Appleals	Week 3 November 2025	
10.	1		
17.	Conflict of Interest	Week 4 November 2025	

GOVT NATIONAL COLLEGE, SIRSA Lesson Plan

Session 2025-2026

Subject: Research Methodology - 1
Class: MA Final Political Science

Semester: III

Sr. No.	Topic	Week	Activities
1.	Introduction of Syllabus	Week 4 July 2025	
	Research: Meaning, Features		
2.	a: :a a a	Week 1 August 2025	
	Significance of Research		_
3.	Social Research: Significance	Week 2 August 2025	
	and Types of Research		_
4.	Normative – Philosophical	Week 3 August 2025	
	Research		
5.	Historical – Experiential	Week 4 August 2025	
	Research		Presentation of
6.	Empirical Scientific Research	Week 1 September 2025	Students
7.		Week 2 September 2025	
	Research Design: Meaning and Types		Assignment I
8.	Research Design: Various	Week 3 September 2025	
	Aspects		
9.	Review of Literature	Week 4 September 2025	Class test
10.	Research Problem:	Week1 October 2025	
	Identification and Statement		
	of Research Problem		
11.	Hypothesis: Meaning,	Week 2 October 2025	
	Sources of Hypothesis		
12.	Hypothesis:Criteria and	Week 3 October 2025	
	Validation of Hypothesis		
13.	Hypothesis: Null Hypothesis	Week 4 October 2025	
14.	Scientific Method: Meaning,	Week 1 November 2025	
• •	Features and Stages		
15.	Objectivity in Social	Week 2 November 2025	
	Research		
16.	Fact and Values Dichotomy	Week 3 November 2025	
17.	Role of Research in Theory	Week 4 November 2025	
	Building		

GOVT NATIONAL COLLEGE, SIRSA Lesson Plan

Session 2025-2026

Subject: International Relations

Class: MA Final Political Science

Semester: III

Sr. No.	Topic	Week	Activities
1.	International Relations as an Academic Discipline and Scope	Week 4 July 2025	
2.	Approaches: Idealist and Realist	Week 1 August 2025	
3.	Approaches: Marxism and Neo- Marxism	Week 2 August 2025	
4.	Approaches: Liberalism and Neo- Liberalism	Week 3 August 2025	
5.	National Interest and National Power	Week 4 August 2025	Presentation of
6.	National Power: Determinants of National Power	Week 1 September 2025	Students
7.	Modes of International Relations : Competition and Cooperation	Week 2 September 2025	Assignment I
8.	Conflict Resolution and Deterrence	Week 3 September 2025	
9.	Foreign Policy Formulation and its Determinants	Week 4 September 2025	Class test
10.	Role and Types of Diplomacy	Week1 October 2025	
11.	United Nations: Aims and Objective	Week 2 October 2025	
12.	United Nations: Structure and Evaluation of Working of UN	Week 3 October 2025	
13.	United Nations: Security Council	Week 4 October 2025	
14.	United Nations: General Assembly	Week 1 November 2025	
15.	United Nations: Economic and Social Council	Week 2 November 2025	
16.	United Nations: The Secretariat	Week 3 November 2025	
17.	United Nations: Remaining Organs	Week 4 November 2025	