

Course Outline for Entrance Exam

Ph.D. in Public Leadership

Subject: Public Leadership

Unit-1: Introduction to Indian Knowledge Systems

- a. Importance of Indian Knowledge Systems
- b. Indian Darshans
- c. An Introduction to Arthshastra by Kautilya
- d. Great Books and Epics
- e. Indian Rishis

Unit-2: Politics, Government, and Administration in India

- a. The emergence of Nation-State and India
- b. Genesis and Salient Features of Indian Political Thought
- c. Modern Indian Socio-Political History
- d. Indian Constitution and Emerging Challenges
- e. India's International Relations through Theoretical Prisms: Realism, Institutionalism, and Liberalism
- f. Global Power Shift and India

Unit-3: Basics of System Thinking Approach

- a. Ideas of Feedback Loops
- b. Surprises in Systems
- c. Challenges and Opportunities in Systems
- d. Leverage Points

Unit-4: History

- a. Role of History
- b. History of the Indian Constitution
- c. Modern Indian History

Unit-5: Global Grand Challenges

- a. Poverty, Migration and Underdevelopment
- b. Ethical Challenges Associated with Emerging Technology
- c. Financial System and Global Governance
- d. Tribalism: Leadership Deficit and the Forces of Homogenization- Identity
- e. Population Challenge - Parenting issues (Unwanted Conception), Psychological Safety
- f. Employment - AI and Creativity; Entrepreneurship; Redefining State and governance
- g. Health Challenges: Building resilience (Addressing Substance Abuse) (Economic, Ecologic)
- h. Climate Change and Adaptation (Ecological, Economic)

Unit 6: Critical Thinking

- a. Foundational Elements for Critical Thinking
- b. Identifying and Analyzing Arguments
- c. Ethics and Critical Thinking
- d. Indian Philosophical Traditions and Critical Thinking
- e. Critical Thinking and Public Policy

Unit-7: Economics

- a. Theory of Consumer Behaviour
- b. Theory of Production and Costs
- c. Game Theory – Non-Cooperative Games
- d. Market Structures, Competitive and Non-Competitive Equilibria
- e. National Income: Concepts and Measurement
- f. Exchange Rate; Gains from Trade, Terms of Trade, Trade Multiplier

Unit-8: Statistics

- a. Probability Theory: Concepts of probability, Distributions, Moments, Central Limit theorem
- b. Descriptive Statistics – Measures of Central tendency & dispersions, Correlation, Index Numbers
- c. Sampling methods & Sampling Distribution
- d. Statistical Inferences, Hypothesis testing
- e. Linear Regression Models and their properties

Unit-9: Indian Economy

- a. Economic Growth in India: Pattern and Structure
- b. Rural Development – Issues, Challenges & Policy Responses
- c. Urban Development – Issues, Challenges and Policy Responses.
- d. Foreign Trade: Structure and Direction, BOP, Flow of Foreign Capital, Trade Policies
- e. Infrastructure Development: Physical and Social; Public-Private Partnerships
- f. Reforms in Land, Labour and Capital Markets
- g. Centre-State Financial Relations and Finance Commissions of India; FRBM
- h. Poverty, Inequality & Unemployment