**Andhra Pradesh Class 10 Syllabus**

**Mathematics**

1. Real Numbers
2. Sets
3. Polynomials
4. Pair of Linear Equations in two variables
5. Quadratic Equations
6. Progressions
7. Coordinate Geometry
8. Similar Triangles
9. Tangents and Secants to a Circle
10. Mensuration
11. Trigonometry
12. Applications of Trigonometry
13. Probability
14. Statistics

**Science**

**Physics**

1. Heat
2. Chemical Reactions and Equations
3. Reflection of light by different surfaces
4. Acids, Bases and Salts
5. Refraction of Light at Plane Surfaces
6. Refraction of Light at Curved Surfaces
7. Human Eye and Colourful world
8. Structure of Atom
9. Classification of Elements- The Periodic Table
10. Chemical bonding
11. Electric Current
12. Electromagnetism
13. Principles of Metallurgy
14. Carbon and its Compound

**Biology**

1. Nutrition - Food Supplying system
2. Respiration - The energy releasing system
3. Transportation - The circulatory system
4. Excretion - The wastage disposing system
5. Coordination - The linking system
6. Reproduction - The generating system
7. Coordination in life processes
8. Our environment - Our concern
9. Natural resources

**Social Science**

**Part - I Resources Development and Equity**

1. India: Relief Features
2. Ideas of Development
3. Production and Employment
4. Climate of India
5. Indian Rivers and Water Resources
6. The People
7. People and Settlement
8. People and Migration
9. Rampur : A Village Economy
10. Globalisation
11. Food Security
12. Sustainable Development with Equity

**Part - II Contemporary World and India**

1. The World Between Wars 1900-1950 : Part -I
2. The World Between Wars 1900-1950 : Part - II
3. National Liberation Movements in the Colonies
4. National Movement in India–Partition & Independence
5. The Making of Independent India’s Constitution
6. Independent India (The First 30 years - 1947-77)
7. Emerging Political Trends 1977 to 2000
8. Post - War World and India
9. Social Movements in Our Times
10. Citizens and the Governments