



# Sri Chaitanya School- Techno Curriculum

## TELUGU SYLLABUS FOR A.P. CAMPUS RECRUITMENT TEST

SUBJECT	PORTION
తెలుగు	: 6,7,8 తరగతుల ప్రభుత్వ తెలుగు పాఠ్య పుస్తకములలోని అన్ని పాఠ్యాంశములు, వ్యాకరణము, సాహిత్యము, కవికాలాదులు
సంస్కృతము	: 6,7,8 తరగతుల ప్రభుత్వ కాంపోజిట్ సంస్కృత పాఠ్య పుస్తకములలోని అన్ని పాఠ్యాంశములు, వ్యాకరణము, కవికాలాదులు
తెలుగు	: 8,9,10 తరగతుల ప్రభుత్వ తెలుగు పాఠ్య పుస్తకములలోని అన్ని పాఠ్యాంశములు, వ్యాకరణము, సాహిత్యము, కవికాలాదులు
సంస్కృతము	: 8,9,10 తరగతుల ప్రభుత్వ కాంపోజిట్ సంస్కృత పాఠ్య పుస్తకములలోని అన్ని పాఠ్యాంశములు, వ్యాకరణము, కవికాలాదులు





## Campus Recruitment Test Syllabus

### Guidelines:

- The question paper consists of Multiple Choice Questions.
- Each question carries 1 mark
- Exam duration: 1 Hour
- There is no negative marking.
- No. of Questions: 50

### MATHEMATICS

1. Differential equations
2. Principles of Mathematical Analysis (Walter Rudin)
3. Topics in Algebra  
(Groups, Rings and fields, Vectors, Linear transformations)
4. High school Algebra
5. Trigonometry
6. High school Geometry
7. Co – ordinate Geometry
8. Calculus
9. Number system



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### ➤ **PHYSICS**

- 1. Solid state physics
- 2. Classical Mechanics
- 3. Quantum mechanics
- 4. Electronics
- 5. Simple harmonic oscillations
- 6. Nuclear physics
- 7. Geo physics
- 8. Space physics
- 9. Mechanics
- 10. Optics
- 11. Electricity
- 12. Thermodynamics



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### CHEMISTRY

1. Chemical bonding
2. Mole concept
3. Structure of atom
4. Organic chemistry (Nomenclature, isomerism)
5. Solutions
6. States of matter
7. Reaction Mechanism
8. General Spectroscopy
9. Methods of purification (all methods including chromatography)
10. Thermodynamics
11. Bonding in metal complexes



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### ENGLISH

1. English Poetry from Chaucer to Milton
2. Romantic Poetry
3. English Literature (18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> century)
4. Indian Writing in English
5. English Drama
6. Shakespearean Drama
7. History of English language

### General Grammar:

1. Kinds of sentences
2. Tenses
3. Active & Passive Voice
4. Reported speech
5. Parts of speech
6. Finding errors and correction of sentences
7. Idioms & Phrasal verbs
8. Synonyms & Antonyms
9. Degrees of comparison
10. Simple, Complex, Compound
11. Reading comprehension
12. Letter writing



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### **BIOLOGY**

1. 1. Animal physiology & Anatomy
2. Plant physiology & Anatomy
3. Cytology
4. Histology
5. Taxonomy
6. Ecology & Biodiversity
7. Genetics
8. Biotechnology
9. Bio chemistry

Human Biology



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### ➤ SOCIAL

#### ➤ Geography

- 1. The Solar System
- 2. Shape and Movements of the Earth
- 3. Earthquakes
- 4. Volcanoes
- 5. The Oceans
- 6. Atmosphere

#### ➤ History

- 1. Harappan Civilization (2600 - 1900BC)
- 2. The Mauryan Empire (321BC - 184BC)
- 3. The Kakatiyas
- 4. The Mughal Empire
- 5. Indian Freedom Movement

#### ➤ Political Science

- 1. Salient Features of Indian constitution
- 2. Indian Administration - Central Government (Legislative, Executive, Judiciary)
- 3. Indian Administration – State Government (Legislative, Executive, Judiciary)

#### ➤ Economics

- 1. National Income
- 2. Unemployment Concepts
- 3. Types of Industries