

# AP & TS EAMCET Complete Roadmap 2025

## ■ Exam Overview

The Andhra Pradesh (AP) and Telangana (TS) EAMCET exams are entrance tests for engineering, agriculture, and pharmacy courses. They evaluate students' understanding of Physics, Chemistry, and Mathematics from the Intermediate syllabus. Both exams are conducted online by JNTU Kakinada (AP) and JNTU Hyderabad (TS).

## ■ Exam Pattern

- 1 Mode: Online Computer-Based Test (CBT)
- 2 Total Questions: 160 (MCQs)
- 3 Subjects: Physics (40), Chemistry (40), Mathematics (80)
- 4 Marking Scheme: +1 for each correct answer, no negative marking
- 5 Duration: 3 Hours

## ■ Topic-wise Weightage (Approximate)

**Mathematics:** Algebra (25%), Calculus (20%), Coordinate Geometry (20%), Trigonometry (15%), Probability & Statistics (10%), Vectors (10%)

**Physics:** Mechanics (30%), Thermodynamics (15%), Waves & Optics (20%), Electricity & Magnetism (25%), Modern Physics (10%)

**Chemistry:** Physical (30%), Organic (35%), Inorganic (35%)

## ■ 1-Year Preparation Roadmap

- 1 **Phase 1 (Months 1–4):** Focus on NCERT and Intermediate basics. Build strong conceptual clarity.
- 2 **Phase 2 (Months 5–8):** Practice previous years' papers and take weekly topic-wise tests.

- 3 **Phase 3 (Months 9–12):** Full-length mock tests, time management practice, and revision of high-weightage topics.

## ■ Recommended Books

- 1 Mathematics: NCERT, RD Sharma Objective, Arihant Series
- 2 Physics: HC Verma, DC Pandey, NCERT Textbooks
- 3 Chemistry: NCERT, O.P. Tandon, MS Chauhan (Organic), P. Bahadur (Physical)

## ■ Tips for Success

- 1 Focus more on NCERT-based questions — most EAMCET questions are concept-based, not tricky.
- 2 Manage your time effectively during the exam — 1 minute per question is ideal.
- 3 Use elimination technique for confusing options.
- 4 Revise formulas daily and maintain a formula notebook.
- 5 Take at least 20 full-length mock tests before the exam.

## ■■ Common Mistakes to Avoid

- 1 Ignoring easy topics assuming they won't appear.
- 2 Skipping mock tests or revision sessions.
- 3 Focusing only on tough chapters and neglecting basics.
- 4 Not managing sleep and mental health before exam day.

## ■ Final Words

Success in EAMCET comes from consistency, conceptual understanding, and practice. Follow this roadmap, stay disciplined, and success will follow you!