



EAPCET Course Document

What is EAPCET? The Engineering, Agriculture, and Pharmacy Common Entrance Test (EAPCET), formerly known as AP EAMCET, is a state-level entrance exam conducted by Andhra Pradesh and Telangana. It is the gateway to undergraduate courses in Engineering, Agriculture, and Pharmacy offered by universities and colleges in these states.

Why is EAPCET Important?

- Admission to Reputed Colleges: Secures entry to top engineering, agriculture, and pharmacy institutions in Andhra Pradesh and Telangana.
- Diverse Career Paths: Opens opportunities in fields like technology, agriculture, and healthcare.
- Foundation for Future Careers: Builds a solid base for advanced studies or professional growth.

Comprehensive Curriculum at MyDreamzAcademy Course Overview

Our EAPCET curriculum focuses on:

- Mastering the core subjects: Mathematics, Physics, Chemistry, and Biology (for agriculture and pharmacy).
- Building problem-solving and analytical skills.
- Regular assessments to prepare students for the competitive nature of the exam.



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Course Structure For Engineering Aspirants

1. Mathematics

- Algebra: Quadratic Equations, Complex Numbers
- Calculus: Differentiation, Integration
- Coordinate Geometry: Straight Lines, Circles
- Trigonometry: Trigonometric Ratios, Identities

2. Physics

- Mechanics: Motion in a Plane, Laws of Motion
- Thermodynamics: Heat Transfer, Kinetic Theory of Gases
- Electromagnetism: Electric Fields, Magnetic Effects of Current
- Modern Physics: Photoelectric Effect, Nuclear Physics

3. Chemistry

- Inorganic Chemistry: Periodic Table, Coordination Compounds
- Organic Chemistry: Basic Principles, Hydrocarbons
- Physical Chemistry: Thermodynamics, Solutions, Chemical Kinetics



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For Agriculture & Pharmacy Aspirants

1. Biology

- Botany: Plant Anatomy, Plant Physiology, Genetics
- Zoology: Human Anatomy, Reproduction, Evolution

2. Physics (Similar to Engineering Aspirants)

3. Chemistry (Similar to Engineering Aspirants)

Additional Topics for Success

Physics

- Mechanics: Rotational Motion, Simple Harmonic Motion
- Electromagnetism: Current Electricity, Electromagnetic Induction

Chemistry

- Organic Reaction Mechanisms
- Physical Chemistry: Electrochemistry, Surface Chemistry

Mathematics

- Advanced Algebra: Matrices and Determinants
- Calculus: Application of Derivatives



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How to Approach the EAPCET Syllabus

1. Understand the Exam Pattern

- Engineering Stream: Mathematics (80 marks), Physics (40 marks), Chemistry (40 marks)
- Agriculture & Pharmacy Stream: Biology (80 marks), Physics (40 marks), Chemistry (40 marks)

2. Master NCERT Concepts

- NCERT textbooks are the foundation for all subjects.

3. Practice Regularly

- Attempt previous year's question papers to get familiar with the exam pattern.
- Focus on time management while solving mock tests.

4. Prioritize High-Weightage Topics

- Physics: Mechanics and Electromagnetism
- Chemistry: Organic Chemistry and Thermodynamics
- Mathematics: Calculus and Coordinate Geometry

5. Build Strong Basics

- Develop a strong conceptual understanding before moving to advanced problems.
- Use diagrams, graphs, and real-world examples to strengthen retention.



My Dreamz Academy
Chaitanyapuri, Hyderabad

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Key Features of MyDreamzAcademy EAPCET Program

- **Expert Faculty:** Experienced educators specialized in EAPCET preparation.
- **Comprehensive Material:** Tailored content that simplifies concepts and focuses on high-yield topics.
- **Mock Tests and Analysis:** Regular tests with detailed performance reports.
- **Doubt-Solving Sessions:** Personalized attention to ensure conceptual clarity

Why Choose MyDreamzAcademy?

1. Proven results with students achieving top ranks in EAPCET.
2. Structured program aligned with the latest syllabus and exam trends.
3. Focus on holistic learning with time-tested strategies for success.