NDA 2026 SYLLABUS EXPLAINED FOR KERALA STUDENTS (MATHS + GAT)

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If you are preparing for NDA 2026, understanding the complete syllabus is the first and most important step. Many Kerala students begin preparation without fully knowing what to study, which leads to confusion and wasted effort.

In this detailed guide, we will clearly explain the **NDA 2026 syllabus (Mathematics + GAT)** in a simple way — especially for Kerala students aiming to join the defence forces with the help of the **best NDA coaching in Kerala**.

□□ About NDA Examination 2026

The NDA exam is conducted by the **Union Public Service Commission (UPSC)** for admission to:

- **National Defence Academy**
- **Indian Naval Academy**

□□ NDA 2026 Exam Pattern

Paper	Subject	Marks	Duration
Paper 1	Mathematics	300	2.5 Hours
Paper 2	GAT	600	2.5 Hours
Total		900	5 Hours

After clearing written exam, candidates attend **SSB Interview (900 marks)**.

□□ PART 1: NDA 2026 MATHEMATICS SYLLABUS (300 Marks)

Mathematics plays a crucial role in NDA selection. Kerala students with strong Plus Two maths background have an advantage.

□□ 1□ Algebra

- Complex Numbers
- Quadratic Equations
- Logarithms
- Permutations & Combinations
- Binomial Theorem

- Sequences & Series

□□ Focus on concept clarity and formula application.

□□ 2□ Matrices & Determinants

- Types of matrices
- Matrix operations
- Determinants
- Inverse of matrix
- Solving linear equations

This is a scoring area if practiced well.

□□ 3□ Trigonometry

- Trigonometric identities
- Heights & Distances
- Inverse trigonometric functions
- Properties of triangles

Trigonometry requires regular practice and speed.

□□ 4□ Analytical Geometry (2D & 3D)

- Straight lines
- Circles
- Conic sections (Parabola, Ellipse, Hyperbola)
- 3D geometry basics

Important for high-weightage questions.

□□ 5□ Differential Calculus

- Limits

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- Continuity
- Differentiation
- Applications of derivatives

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6 Integral Calculus

- Integration
- Definite integrals
- Differential equations (basic)

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7 Vector Algebra

- Vector operations
- Scalar & vector products
- Applications

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8 Statistics & Probability

- Mean, Median, Mode
- Variance & Standard Deviation
- Probability basics

Maths Preparation Tip for Kerala Students

Many students from State Board & CBSE background find NDA Maths slightly tricky due to speed requirement. Joining the **best NDA coaching in Kerala** helps with:

✔ Time management
✔ Shortcut techniques
✔ Daily problem practice
✔ Mock test simulation

PART 2: NDA 2026 GAT SYLLABUS (600 Marks)

GAT (General Ability Test) is divided into:

- English – 200 Marks

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- General Knowledge – 400 Marks

□□ A) ENGLISH SYLLABUS (200 Marks)

English tests vocabulary and grammar skills.

Topics:

- Grammar & Usage
- Sentence Improvement
- Spotting Errors
- Synonyms & Antonyms
- Reading Comprehension
- Para Jumbles

Kerala students often need extra spoken English practice for SSB. The **best NDA coaching in Kerala** provides communication training along with written preparation.

□□ B) GENERAL KNOWLEDGE (400 Marks)

This section is vast and very important.

□□ 1□ History

- Indian Freedom Struggle
- Ancient, Medieval & Modern India
- World History basics

□□ 2□ Geography

- Physical Geography
- Indian Geography
- Climate & Resources
- Maps & Oceans

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3 Indian Polity

- Constitution basics
- President, PM, Parliament
- Fundamental Rights & Duties

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4 Economics

- Basic economic concepts
- Budget & inflation
- Indian economy overview

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5 General Science

- Physics (basic)
- Chemistry (basic)
- Biology (basic)
- Everyday science

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6 Current Affairs

- National news
- Defence updates
- International events
- Sports & Awards
- Government schemes

Current affairs from last 8–10 months are very important.

Weightage Breakdown (Approximate)

Section	Importance
Maths	High

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Section	Importance
English	Moderate
GK	Very High
Current Affairs	Crucial

□□ Why Kerala Students Need Structured NDA Syllabus Planning

Many aspirants:

□ Study without understanding weightage
□ Ignore current affairs
□ Focus only on Maths
□ Avoid mock tests

The **best NDA coaching in Kerala** provides structured syllabus breakdown, weekly targets, and revision plans.

□□ NDA 2026 Study Strategy for Kerala Students

✔ Step 1: Complete Maths syllabus in 6 months

✔ Step 2: Daily English practice

✔ Step 3: Weekly current affairs revision

✔ Step 4: Monthly full-length mock test

✔ Step 5: Parallel SSB preparation

□□ After Written Exam

Candidates who clear written exam attend:

- Psychological Tests
- Group Discussion
- Personal Interview
- Physical Tests

Training begins at **National Defence Academy**, followed by respective academies.

□□ Why Early Preparation Matters for NDA 2026

Starting from Class 11 or early Class 12:

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✔ Reduces pressure
✔ Improves concept clarity
✔ Builds confidence
✔ Enhances SSB readiness

With guidance from the **best NDA coaching in Kerala**, preparation becomes systematic and goal-oriented.

□□ Final Words

Understanding the **NDA 2026 syllabus (Maths + GAT)** clearly is the first milestone toward success. Kerala students have strong academic potential — but success depends on disciplined preparation, mock practice, and proper guidance.

If you combine self-study with expert mentorship from the **best NDA coaching in Kerala**, cracking NDA 2026 becomes highly achievable.

Stay focused. Stay disciplined. The uniform awaits you. □□□□

□ Frequently Asked Questions (FAQ)

1□ Is NDA Maths very difficult?

It is moderate to difficult. With regular practice and guidance from the best NDA coaching in Kerala, it becomes manageable.

2□ How many subjects are there in GAT?

GAT includes English and General Knowledge (History, Geography, Polity, Economics, Science & Current Affairs).

3□ How important is current affairs for NDA?

Very important. Around 15–20% questions come from recent events.

4□ Can Kerala State Board students crack NDA?

Absolutely yes. Many students from Kerala boards clear NDA every year.

5□ How much time is needed to complete NDA syllabus?

Ideally 8–12 months of structured preparation.

6□ Is coaching mandatory for NDA?

Not mandatory, but the best NDA coaching in Kerala provides structured preparation and increases selection chances.

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7 What is the total marks of NDA written exam?

900 marks (Maths 300 + GAT 600).

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