



**VHS**

**CAREER ESSENTIALS**

**BEYOND JEE  
SMART EXAMS, TOP  
INSTITUTES, STRONG CAREERS**

**Engineering • Science • Defence •  
Architecture • Research**

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# Why Look Beyond JEE?

- **JEE is highly competitive**
- **Many top institutes have independent exams**
- **Multiple exams = more chances + better colleges**
- **Smart students prepare parallelly**



# Smart Strategy for PCM Students

- Prepare NCERT + Concept clarity
- Write multiple entrance exams

Choose colleges based on:

- Placements
- Faculty & infrastructure
- Industry exposure
- Career growth



# Main Entrance Exams for PCM Students (After 12th)

S.No	Entrance Exam	Exam Level	Institutes / Colleges	Programs Offered	Key Highlights
1	<b>BITSAT</b>	National	Birla Institute of Technology and Science (Pilani, Goa, Hyderabad)	Engineering, Science, Pharmacy	Flexible academics, top placements, no reservation
2	<b>VITEEE</b>	University	Vellore Institute of Technology	B.Tech Programs	Modern infrastructure, industry exposure, strong placements
3	<b>SRMJEEE</b>	University	SRM Institute of Science and Technology	Engineering Programs	Technology-driven courses, internships, global exposure
4	<b>COMEDK UGET</b>	National	Karnataka Private Engineering Colleges	Engineering	Reputed colleges, good technical education, placements
5	<b>MHT CET</b>	State	Maharashtra Govt & Private Colleges	Engineering	Affordable fees, competitive academic standards
6	<b>NDA Exam</b>	National	National Defence Academy	Army, Navy, Air Force	Officer-level training after 12th PCM
7	<b>ISI Admission Test</b>	National	Indian Statistical Institute	Mathematics, Statistics	Careers in research, analytics, data science
8	<b>NATA</b>	National	Architecture Colleges across India	B.Arch	Tests drawing, creativity, aptitude
9	<b>IISER Aptitude Test</b>	National	Indian Institutes of Science Education and Research	Integrated BS-MS	Research-focused science education



**VHS**  
CAREER  
ESSENTIALS

# 1. BITSAT

Birla Institute of Technology and Science  
Admission Test

# BITSAT

## BITS Admission Test (BITSAT)

- Computer-based national exam
- For BITS Pilani, Goa, Hyderabad

## Programs Offered

- Engineering
- Science
- Pharmacy

## Why Choose BITS?

- Flexible academics
- No reservation system
- Excellent placements across India





# BITSAT



APPLY

NOW

## Application Process (2026)

- Visit the Official BITSAT Portal
- Go to the official admissions website: [admissions.bits-pilani.ac.in](https://admissions.bits-pilani.ac.in)
- Start the application by clicking the BITSAT 2026 registration link.

## Register

- Use a valid email ID and mobile number
- Create your login credentials
- You'll receive OTP/verification messages during this step.

## Fill in Personal & Academic Details

- Enter your name, DOB, address
- Class 12 details (appearing/passed)
- Select test city and session preference (Session-1 or both)
- Upload scanned photo & signature in the prescribed sizes.





# BITSAT

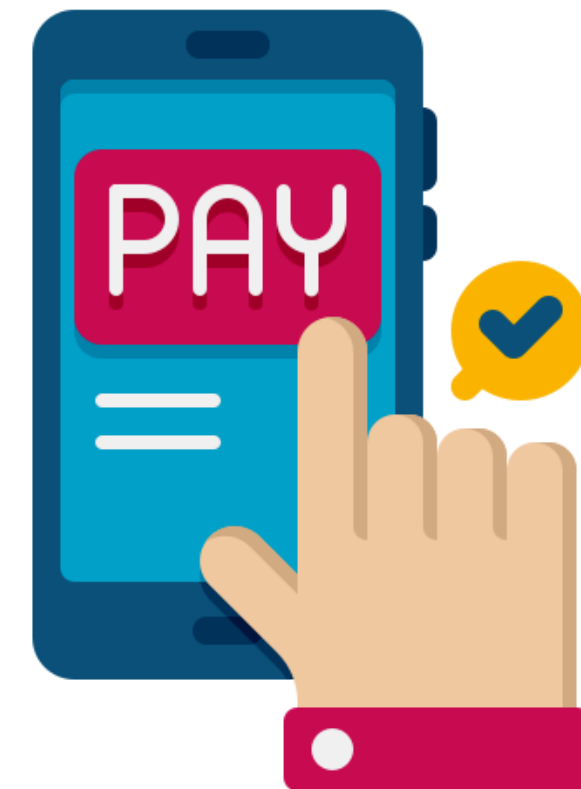
## Choose Session Option

- BITSAT 2026 offers two exam sessions (Session-1 + Session-2).  
You can:
- Opt only for Session-1, or
- Choose Both Sessions at registration (The higher of the two scores is considered for admission.)

## Pay Application Fee Online

Pay the registration fee online using:

- Debit/Credit card
- Net banking
- UPI
- PayTM / PayU Money / Razorpay gateway



# BITSAT

## Form Correction Window (if needed)

After submission, BITS usually provides a form correction window to fix certain details.

## BITSAT 2026 APPLICATION FEE

Category	Only Session-1 (Indian and Nepal)	Both Session-1 and Session-2 (Indian and Nepal)	Only Session-1 (Dubai)	Both Session-1 and Session-2 (Dubai)
Male	Rs. 3,600	Rs. 5,600	Rs. 7,250	Rs. 9,250
Female	Rs. 3,100	Rs. 4,600	Rs. 7,250	Rs. 9,250
Transgender	Rs. 3,100	Rs. 4,600	Rs. 7,250	Rs. 9,250

You can also register later for Session-2 only if you missed Session-1.

**\* Fees are non-refundable and must be paid online**



# BITSAT

## BITSAT Eligibility Criteria

### Academic Qualification

- Must have passed 12th (10+2) from a recognized board

Subjects required:

- Physics
- Chemistry
- Mathematics
- English proficiency is compulsory

### Minimum Marks Requirement

- Aggregate of Physics, Chemistry & Mathematics (PCM): 75%
- Minimum 60% in each subject (Physics, Chemistry, Maths)

**Even if aggregate is high, less than 60% in any one subject = NOT eligible**



# BITSAT

## BITSAT Eligibility Criteria

### Other Important Conditions

- Must be appearing for 12th exam in 2025 or passed in 2024
- Students already studying at BITS campuses are not eligible
- No age limit
- No reservation (Merit-based admission only)

## BITSAT 2026 – Important Dates (Session-wise) – Session 1 (For all candidates)

Event	Date
Registration Begins	Dec 15, 2025
Last Date to Apply (Session 1 or Both Sessions)	16 Mar 2026 (by 5 PM)
Application Correction Window	18 – 20 Mar 2026
Test Centre Allotment	Mar 26, 2026
Slot Booking	27 – 31 Mar 2026
Admit Card Release	Apr 5, 2026
<b>Exam Dates – Session 1</b>	<b>15 – 17 Apr 2026</b>
Result (Session 1)	Apr 2026 (expected)



# BITSAT

## BITSAT 2026 – Important Dates (Session-wise) - ession 2 (Optional Second Attempt)

Event	Date
Session 2 Registration Window	20 Apr 2026 – 2 May 2026
Session 2 Application Correction	4 – 6 May 2026
Test Centre Allotment	May 13, 2026
Slot Booking	13 – 15 May 2026
Admit Card Release	May 20, 2026
<b>Exam Dates – Session 2</b>	<b>24 – 26 May 2026</b>
Result (Session 2)	Jun 2026



# BITSAT

## BITSAT Exam Pattern

### BITSAT SYLLABUS – SUBJECTS & TOPICS (CLASS 11 + 12)

Section	Subjects
Part I	Physics
Part II	Chemistry
Part III	English Proficiency
Part IV	Logical Reasoning
Part V	Mathematics

### MATHEMATICS

Class	Topics
<b>Class 11</b>	Sets & Relations, Functions, Trigonometric Functions, Trigonometric Equations, Complex Numbers, Quadratic Equations, Permutations & Combinations, Binomial Theorem, Sequences & Series, Coordinate Geometry (Straight Line, Circle), Statistics, Probability
<b>Class 12</b>	Relations & Functions, Inverse Trigonometric Functions, Limits & Continuity, Differentiation, Applications of Derivatives, Integration, Differential Equations, Vectors, Three-Dimensional Geometry, Linear Programming, Probability

### PHYSICS

Class	Topics
<b>Class 11</b>	Units & Measurements, Kinematics, Laws of Motion, Work Energy Power, Centre of Mass & Rotational Motion, Gravitation, Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves
<b>Class 12</b>	Electrostatics, Current Electricity, Magnetic Effects of Current, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics, Wave Optics, Dual Nature of Matter, Atoms, Nuclei, Semiconductor Devices

# BITSAT

## BITSAT Exam Pattern

### BITSAT SYLLABUS – SUBJECTS & TOPICS (CLASS 11 + 12)

#### CHEMISTRY

Class	Topics
Class 11	Some Basic Concepts of Chemistry, Atomic Structure, States of Matter, Thermodynamics, Chemical Equilibrium, Redox Reactions
Class 12	Electrochemistry, Chemical Kinetics, Surface Chemistry, Solid State

#### Inorganic Chemistry

Class	Topics
Class 11	Periodic Table & Periodicity, Chemical Bonding, Hydrogen, s-Block Elements
Class 12	p-Block Elements, d & f Block Elements, Coordination Compounds, Metallurgy, Environmental Chemistry

# BITSAT

## BITSAT Exam Pattern

### BITSAT SYLLABUS – SUBJECTS & TOPICS (CLASS 11 + 12)

#### Organic Chemistry

Class	Topics
Class 11	General Organic Chemistry, Hydrocarbons
Class 12	Haloalkanes & Haloarenes, Alcohols Phenols & Ethers, Aldehydes Ketones & Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life

#### ENGLISH PROFICIENCY

Area	Topics
Grammar	Tenses, Articles, Prepositions, Active & Passive Voice, Direct & Indirect Speech
Vocabulary	Synonyms, Antonyms, Idioms, One-word Substitution
Usage	Sentence Completion, Sentence Correction
Comprehension	Reading Passages

# BITSAT

## BITSAT Exam Pattern

### BITSAT SYLLABUS – SUBJECTS & TOPICS (CLASS 11 + 12)

#### LOGICAL REASONING

Area	Topics
Verbal Reasoning	Analogies, Logical Deduction, Statement & Conclusion
Non-Verbal Reasoning	Figure Series, Pattern Recognition, Mirror & Water Images
Analytical	Coding & Decoding, Number Series, Direction Sense

#### BITSAT Section-wise Question Split

Subject	No. of Questions
Physics	30
Chemistry	30
Mathematics	40
English Proficiency	10
Logical Reasoning	20
<b>Total</b>	<b>130</b>





# BITSAT

**“HIGH-WEIGHTAGE + EASY SCORING STRATEGY”**

- **Maths** → Calculus, Algebra
- **Physics** → Electricity, Modern Physics
- **Chemistry** → GOC, Bonding
- **English & LR** → Rank boosters



# BITSAT

30  
DAYS



## 30-DAY BITSAT STUDY PLAN (MARCH 1 – MARCH 30)

### Daily Study Time Split

S.No	Subject / Activity	Time Allocation (per day)
1	Mathematics	2.5 Hours
2	Physics	2 Hours
3	Chemistry	2 Hours
4	English + Logical Reasoning	1 Hour
5	Revision / Practice	1.5 Hours
	<b>Total</b>	<b>≈ 9 Hours / Day</b>

# BITSAT

## PHASE 1: CONCEPT BUILDING (DAY 1-10)

Day	Mathematics	Physics	Chemistry	English / LR
1	Limits & Continuity	Kinematics	Mole Concept	Vocabulary
2	Differentiation	Laws of Motion	Atomic Structure	Grammar
3	Applications of Derivatives	Work, Energy & Power	Chemical Bonding	Logical Deduction
4	Integration	Rotational Motion	Thermodynamics	Coding–Decoding
5	Definite Integrals	Gravitation	Equilibrium	Sentence Correction
6	Differential Equations	Oscillations	GOC Basics	Number Series
7	Matrices & Determinants	Waves	Hydrocarbons	Reading Practice
8	Vectors	Electrostatics	Electrochemistry	Analogy
9	3D Geometry	Current Electricity	Coordination Compounds	LR Mixed
10	Probability	Modern Physics	Biomolecules	English Test

# BITSAT

## PHASE 2: HIGH-WEIGHTAGE + PRACTICE (DAY 11-20)

Day	Focus Areas
11	Maths: Calculus revision + test
12	Physics: Electrostatics + Current Electricity
13	Chemistry: GOC + Bonding
14	Maths: Algebra (P&C, Series, Complex)
15	Physics: Magnetism + EMI
16	Chemistry: Coordination + Electrochemistry
17	Maths: Coordinate Geometry
18	Physics: Optics + Semiconductors
19	Chemistry: Organic reactions practice
20	Full English + LR sectional tests

### Daily Task:

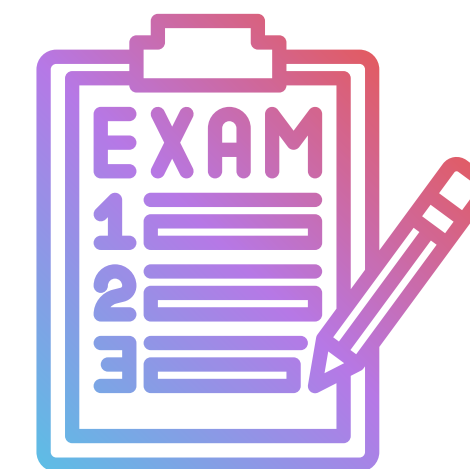
- ✓ 40–50 MCQs per subject
- ✓ Error analysis notebook



# BITSAT

## PHASE 3: MOCK TESTS & FINAL REVISION (DAY 21-30)

Day	Task
21	Full-length Mock Test 1 + analysis
22	Weak area revision (Maths + Chem)
23	Full-length Mock Test 2
24	Weak area revision (Physics + LR)
25	Full-length Mock Test 3
26	Formula & reaction revision
27	Full-length Mock Test 4
28	English + LR speed practice
29	Light revision + confidence boost
30	<b>Rest + light formula reading</b>



### Mock Strategy

- **Attempt 130 questions in 3 hours**
- **Accuracy > speed**
- **Don't over-attempt blindly**





# BITSAT

## DAILY QUICK RULES



- **NCERT IS MANDATORY**
- **REVISE FORMULAS DAILY**
- **ENGLISH & LR = EASY MARKS**
- **SLEEP 7 HOURS**  
(VERY IMPORTANT!)



**“30 days of discipline can change your college, career, and confidence.”**