

ARE YOU A **JEE ASPIRANT** ?  
Brings You

# BTS - JEE

TEST SERIES ENGINEERING EXAMINATIONS

SINCE 1984  
**Brilliant**<sup>®</sup>  
STUDY CENTRE, PALA

NEXT BATCH

4<sup>th</sup> FEB 2025



**CBT**  
EXAM CENTRES

THIRUVANANTHAPURAM  
KOTTAKKAL / KOZHIKODE  
KANNUR / THRISSUR  
PALA / ERNAKULAM / KOLLAM

## Exams We Focus

- JEE ADVANCED
- JEE MAIN PHASE-II
- B.Arch & B.planning
- BITSAT
- KEAM
- CUSAT

REGISTER  
**NOW!**

ELIGIBILITY

CLASS

**XII**

STUDYING / COMPLETED



HAFIZ RAHMAN



DEVANAND P



NEVIN SIBY

AIM / APPLY / APPEAR / ACHIEVE

ADDITIONAL FACILITIES



A mentor will be in close touch with our students to assess the performance and to provide necessary guidelines.

## STAR ATTRACTION AND BENEFITS OF BTS

The star attraction of BTS is that it provides an opportunity for Students who are outside of our normal batches, to compete with the gems of Brilliant. This will undoubtedly provide them a platform to assess their strength and weakness. BTS certainly develop the examination writing skills of students thereby enabling them to compete with best rank holders of the nation. Also BTS will enhance the efficiency and competitive spirit of students. After each Test there will be live doubt clearance cum concept strengthening sessions for each topic.

HELPLINE:

8330813682 / 04822-206100

## DISCLAIMER:

Brilliant Pala has the best methodology and technology to train students for JEE MAN Students enrolled with Brilliant Pala are the exclusive students of Brilliant. Hence students of other institutes are advised not to join BTS. Also Brilliant has the absolute power to alter and / or modify the provisions and schedule of BTS

### IMPORTANT NOTE:

The BTS is designed for those students who are not able to enroll in any of the JEE MAIN 2025 batches of Brilliant. This is only a test series and can not be regarded as an alternative for a full time coaching programme.

## PIVOT FEATURES

- Answer key with hints & Question discussion videos
- Acquaintance with real exam atmosphere
- Opportunity to compete with our talented student community
- Access to E-learning app

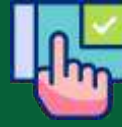
## GENERAL INFORMATION FOR THE TEST SERIES

- Test will be available only in online mode
- Answer key will be available immediately after the test

## KEY BENEFITS

- The primary area focus for this course is to provide sample practice, simulating the real time JEE Main Examination atmosphere
- JEE Main 2024 Pattern & Mock Tests
- Accurate assessment of preparation level
- Test Analysis, Discussion & Evaluation
- Helps student to design an exam strategy
- Helps student to manage time better
- Instant performance analysis
- Boost the level of familiarity in writing the JEE Main Exam

## WHO ALL CAN APPLY



All students planning to attend JEE 2025

### HOW TO APPLY

- Step-1** Visit web [www.brilliantpala.org](http://www.brilliantpala.org) and select option **STUDENT PORTAL** under menu **REGISTRATION**
- Step-2** Provide basic details **Name, Mobile Number, Active email ID, Account Password & Select Class as Class XII Studying / Class XII Completed**
- Step-3** Read & accept the **Terms & Conditions**, Proceed to **Create Account**
- Step-4** System will create a **Student Account** with a unique **6 digit Student ID** and will share the **Student Account details** to your registered email ID, mobile Number (on WhatsApp).
- Step-5** Continue to **login using the student ID and password** created during sign up.
- Step-6** Select the **Course name** and click **Apply**
- Step-7** Select the **combination** of your choice and click **Register**.
- Step-8** Remit the **Fee Online** using, **Debit/Credit or Net Banking**
- Step-9** Once the payment is done, student can **download the Payment proof**.

## FEE STRUCTURE

Sl. No.	COMBO NAME	COMBO CONTENT + E-LEARNING APP	AMOUNT
1.	JEE ADVANCED	UNIT+ALL UNIT	₹2000+GST
2.	JEE MAIN+KEAM	UNIT+ALL UNIT	₹2000+GST
3.	JEE ADVANCED+JEE MAIN+KEAM	UNIT+ALL UNIT	₹3000+GST

\*An additional fee of ₹100/- per exam will be charged for attending CBT exams at our centers. \*30 plus Exams



REGISTRATION ONLINE

[www.brilliantpala.org](http://www.brilliantpala.org)

Helpline: 8330813682

Website: [www.brilliantpala.org](http://www.brilliantpala.org)

Whatsapp 'Hai' to

04822-20 61 00

for instant replies



**REVISION CLASS UNIT I - ONLINE**

04/02/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHYSICS
05/02/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - CHEMISTRY
06/02/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - MATHEMATICS

**EXAMINATION - UNIT I**

1	08/02/2025	SATURDAY	3 hrs	KEAM
2	09/02/2025	SUNDAY	3 hrs	JEE MAIN
3	10/02/2025	MONDAY	3 hrs	JEE ADVANCED/KEAM

**REVISION CLASS UNIT II - ONLINE**

11/02/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHYSICS
12/02/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - CHEMISTRY
13/02/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - MATHEMATICS

**EXAMINATION - UNIT II**

4	15/02/2025	SATURDAY	3 hrs	KEAM
5	16/02/2025	SUNDAY	3 hrs	JEE MAIN
6	17/02/2025	MONDAY	3 hrs	JEE ADVANCED/KEAM

**REVISION CLASS UNIT III**

18/02/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
19/02/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
20/02/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.

**EXAMINATION - UNIT III**

7	22/02/2025	SATURDAY	3 hrs	KEAM
8	23/02/2025	SUNDAY	3 hrs	JEE MAIN
9	24/02/2025	MONDAY	3 hrs	JEE ADVANCED / KEAM

**REVISION CLASS UNIT IV**

25/02/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
26/02/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
27/02/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.

**EXAMINATION - UNIT IV**

10	01/03/2025	SATURDAY	3 hrs	KEAM
11	02/03/2025	SUNDAY	3 hrs	JEE MAIN
12	03/03/2025	MONDAY	3 hrs	JEE ADVANCED / KEAM

**REVISION CLASS UNIT V**

04/03/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
05/03/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
06/03/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.

**EXAMINATION - UNIT V**

13	08/03/2025	SATURDAY	3 hrs	KEAM
14	09/03/2025	SUNDAY	3 hrs	JEE MAIN
15	10/03/2025	MONDAY	3 hrs	JEE ADVANCED / KEAM

**REVISION CLASS UNIT VI**

11/03/2025	TUESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
12/03/2025	WEDNESDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.
13/03/2025	THURSDAY	8.30 A.M. TO 1.00 P.M. - PHY./CHE./MATHS.

**EXAMINATION - UNIT VI**

16	15/03/2025	SATURDAY	3 hrs	KEAM
17	16/03/2025	SUNDAY	3 hrs	JEE MAIN
18	17/03/2025	MONDAY	3 hrs	JEE ADVANCED/KEAM

**EXAMINATION - ALL UNITS**

19	18/03/2025	TUESDAY	3 hrs	JEE Main
20	19/03/2025	WEDNESDAY	6 hrs/ 3hrs	JEE ADVANCED/KEAM
21	20/03/2025	THURSDAY	3 hrs	JEE Main
22			3.30 hrs	Barch/B.Planning
23	22/03/2025	SATURDAY	6 hrs/ 3hrs	JEE ADVANCED/KEAM
24	23/03/2025	SUNDAY	3 hrs	JEE Main
25	24/03/2025	MONDAY	3 hrs	JEE Main
26			3.30 hrs	Barch/B.Planning
27	25/03/2025	TUESDAY	3 hrs	JEE Main/ JEE Advanced
28	26/03/2025	WEDNESDAY	3 hrs	JEE Main/ KEAM
29	27/03/2025	THURSDAY	3 hrs	JEE Main
30	28/03/2025	FRIDAY	3 hrs	JEE Main/ JEE Advanced
31	29/03/2025	SATURDAY	3 hrs	JEE Main
32	30/03/2025	SUNDAY	3 hrs	JEE Main/ KEAM
33	31/03/2025	MONDAY	3 hrs	JEE Main

**JEE MAIN SESSION 2 - 2025 APRIL 1 - APRIL 8**

Dates for subsequent model exams will be announced later ....

# UNITWISE DISTRIBUTION OF TOPICS

## UNIT-I

**PHYSICS:** Units and dimensions, Errors in measurements, Kinematics, Laws of motion, Friction, Work energy power, Circular motion  
**CHEMISTRY:** Some basic concept of chemistry, Structure of atom, Classification of elements and periodicity in properties, Redox reaction,  
**MATHEMATICS:** Sets, Relations and functions,, Trigonometry (Identities and Functions), Quadratic equations, Complex Numbers, Inverse Trigonometric functions and their properties,

## UNIT-II

**PHYSICS:** Rotational motion, Centre of mass, conservation of linear momentum and collision. Gravitation  
**CHEMISTRY:** Chemical and ionic equilibrium, Chemical thermodynamics, Chemical bonding and molecular structure,  
**MATHEMATICS:** Sequence & Series, Permutation & Combinations, Binomial Theorem, Statistics

## UNIT-III

**PHYSICS:** Heat and Thermodynamics, Kinetic theory gases, Heat transfer Mechanical Properties of solids and liquids, Waves & Oscillation,  
**CHEMISTRY:** Organic chemistry – Some basic principles and techniques (nomenclature of organic compounds, isomerism, organic reaction mechanism, purification of organic compounds, qualitative & quantitative analysis of organic compounds), Hydrocarbons,  
**MATHEMATICS:** Coordinate geometry (Straight line, Circle, Conic sections)

\* For Jee Advanced Only

## UNIT-IV

**PHYSICS:** Electrostatics, Current Electricity & Capacitance  
**CHEMISTRY:** \*States of matter \*Solid state, Solutions, \*Surface chemistry, Electro chemistry, Chemical kinetics  
**MATHEMATICS:** Vector algebra, Three Dimensional Geometry, Probability, Matrices & Determinants

## UNIT-V

**PHYSICS:** Magnetic effects of current & Magnetism, Electromagnetic induction, Alternating current, EM waves  
**CHEMISTRY:** \*Hydrogen, \*S block elements, \*Extraction of elements, D and F-block elements, Coordination compounds, P-block elements (Class XI and XII) Principle related to practical chemistry (including salt analysis)  
**MATHEMATICS:** Differential Calculus (Real Functions, Limit, Continuity, Differentiability, Derivatives, Applications of Derivatives)

## UNIT-VI

**PHYSICS:** Dual nature of matter and radiation, Atoms and nuclei Ray optics and optical instruments, Wave optics Semiconductor electronics: Materials, devices and simple circuits  
**CHEMISTRY:** Halo alkanes and halo arenes, Aldehydes & ketones, Carboxylic acids & it's derivatives, Alcohols, Phenols & Ethers, Organic compounds containing nitrogen, \*Polymers, Biomolecules, \*Chemistry in every day life \*Environmental chemistry  
**MATHEMATICS:** Integral Calculus (Definite & Indefinite Integrals, Area under a Curve), Differential Equations, Linear programming (KEAM only)

## JEE MAIN 2024

KERALA



**AIR 197**  
**HAFIZ RAHMAN ELIKKOTIL**  
 99.9925213

<b>AIR 324</b> S HARIKRISHNAN SCORE 99.9859048	<b>AIR 447</b> ZAYAN PASHA NK SCORE 99.9804896	<b>AIR 579</b> ATHUL P T SCORE 99.9728761	<b>AIR 682</b> DEVANAND P SCORE 99.9650064	<b>AIR 727</b> SIDHARTH K SCORE 99.9629334	<b>AIR 845</b> HARIKRISHNA S SCORE 99.9558350	<b>AIR 876</b> NEVIN SIBY SCORE 99.9543141	
<b>SCORE</b>	<b>99.9 &amp; ABOVE</b>	<b>99.0 &amp; ABOVE</b>	<b>98.0 &amp; ABOVE</b>	<b>97.0 &amp; ABOVE</b>	<b>96.0 &amp; ABOVE</b>	<b>95.0 &amp; ABOVE</b>	<b>QUALIFIED FOR JEE ADV</b>
<b>2024</b>	<b>15</b>	<b>350*</b>	<b>710*</b>	<b>1100*</b>	<b>1500*</b>	<b>2000*</b>	<b>2850*</b>
<b>2023</b>	<b>09</b>	<b>125</b>	<b>444*</b>	<b>690*</b>	<b>905*</b>	<b>1200*</b>	<b>1825*</b>

### PALA

Mutholy, Puliyanoor P.O, Kottayam (Dist.)  
 Ph: 04822-206100, 206800

### ERNAKULAM

Sanjos Arcade, Thevara Ernakulam.  
 Ph: 0484-2665080, 2665090

### KOLLAM

Vadakkavila P.O, Pallimukku.  
 Ph: 9188900667

### THIRUVANANTHAPURAM

Cardinal Cleemis Centre Mar Ivanios Vidya Nagar,  
 Nalanchira. Ph: 0471-2995100, 9188900418

### KOTTAKKAL

Near Govt. Womens Polytechnic Puthuparamba P.O.  
 Ph: 9188900506

### KOZHIKODE

Near Savio HSS Medical College Junction,  
 Kozhikode. Ph: 91 8281619981

### KANNUR

College of Commerce, KSCC Rd. Near Old Bus Stand,  
 Thalapp. Ph: 9188900505

### THRISSUR

Chaldean Syrian College East Fort, Thrissur.  
 Ph: 9633366100

HELPLINE: 04822-206100, 8330813682