

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

**BTS**  
2025  
**Brilliant**  
**360<sup>0</sup>**  
Test series 2025

**ONLY FOR  
NON BRILLIANT  
STUDENTS**

**FOR JEE Main**

**REGISTER  
NOW!**



**ELIGIBILITY**

**CLASS**

**XII**

STUDYING / COMPLETED

4.9  
★★★★☆

THE MOST INNOVATIVE IDEA  
FROM BRILLIANT WITH RATING

**AIM / APPLY / APPEAR / ACHIEVE**

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

**THIRD EXAMINATION**

**24<sup>TH</sup>**

**NOVEMBER, SUNDAY**

**EXAM CENTRES**

**SELECTED CENTERS**

**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
- Live question discussion
- 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	No. of Test	Amount
1.	<b>SUPER</b>	<b>UNIT+ALL UNIT</b>	<b>25 plus</b>	<b>₹4200+GST</b>



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







# JEEMAIN ENGINEERING ONLINE EXAM

**HAFIZ RAHMAN ELIKKOTTIL**

## EXAM TOPICS

**24 Nov 2024**  
Sunday

### PHYSICS

CURRENT ELECTRICITY, MOVING CHARGES AND MAGNETISM, ELECTROMAGNETIC INDUCTION & AC

### CHEMISTRY

ALCOHOL PHENOL & ETHERS, ALDEHYDES AND KETONES, CARBOXYLIC ACID

### MATHEMATICS

INTEGRATION AND ITS APPLICATIONS, DIFFERENTIAL EQUATION, THEORY OF PROBABILITY

## JEE EXAM-25 QNS

Record

Exam Question discussion

#### PALA

Mutholy, Puliyanloor PO, Kottayam (Dist.)  
Ph: 04822-206100, 206800

#### ERNAKULAM

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

#### KOLLAM

Vadakkevila PO, Pallimukku.  
Ph: 9188900667

#### THIRUVANANTHAPURAM

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

#### KOTTAKKAL

Near Govt. Womens Polytechnic Puthuparamba PO.  
Ph: 9188900506

#### KOZHIKODE

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

#### KANNUR

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

#### THRISSUR

Chaldean Syrian College East Fort, Thrissur.  
Ph: 9633366100, 9544174965

## MODEL EXAM SCHEDULE SESSION 1

	DATE	DAY	SYLLABUS	DURATION	EXAM
01	01-12-2024	SUNDAY	UNIT I	3 hrs	JEE (Main)
02	05-12-2024	THURSDAY	UNIT II	3 hrs	JEE (Main)
03	08-12-2024	SUNDAY	UNIT III	3 hrs	JEE (Main)
04	12-12-2024	THURSDAY	UNIT IV	3 hrs	JEE (Main)
05	15-12-2024	SUNDAY	UNIT I+II+III+IV	3 hrs	JEE (Main)
06	16-12-2024	MONDAY	UNIT I+II+III+IV	3 hrs	JEE ADVANCED
07	19-12-2024	THURSDAY	UNIT V	3 hrs	JEE (Main)
08	21-12-2024	SATURDAY	FULL SYLLABUS	3 hrs	UCEED
09	22-12-2024	SUNDAY	UNIT VI	3 hrs	JEE (Main)
10	26-12-2024	THURSDAY	UNIT VII	3 hrs	JEE (Main)
11	29-12-2025	SUNDAY	UNIT VIII	3 hrs	JEE (Main)
12	02-01-2025	THURSDAY	UNIT V+VI+VII+VIII	3 hrs	JEE (Main)
13	03-01-2025	FRIDAY	UNIT V+VI+VII+VIII	3 hrs	JEE ADVANCED
14	04-01-2025	SATURDAY	FULL SYLLABUS	3 hrs	UCEED
15	05-01-2025	SUNDAY	FULL SYLLABUS	3 hrs	JEE (Main)
16	07-01-2025	TUESDAY	FULL SYLLABUS	3 hrs	JEE (Main)
17	09-01-2025	THURSDAY	FULL SYLLABUS	3 hrs	JEE (Main)
18	11-01-2025	SATURDAY	FULL SYLLABUS	3 hrs	UCEED
				3.30 hrs	B.Arch/B.Planning
19	12-01-2025	SUNDAY	FULL SYLLABUS	3 hrs	JEE (Main)
20	13-01-2025	MONDAY	FULL SYLLABUS	3 hrs	B.Arch/B.Planning
21	14-01-2025	TUESDAY	FULL SYLLABUS	3 hrs	JEE (Main)
22	15-01-2025	WEDNESDAY	FULL SYLLABUS	3 hrs	UCEED
				3.30 hrs	B.Arch/B.Planning
23	16-01-2025	THURSDAY	FULL SYLLABUS	3 hrs	JEE (Main)
24	17-01-2025	FRIDAY	FULL SYLLABUS	3 hrs	B.Arch/B.Planning
25	18-01-2025	SATURDAY	FULL SYLLABUS	3 hrs	JEE (Main)
26	19-01-2025	SUNDAY	FULL SYLLABUS	3 hrs	JEE (Main)

■ UCEED : 2025 JAN. 19    ■ JEE MAIN (SESSION-1) : 2025 JAN. 22 - JAN. 31

	DATE	DAY	SYLLABUS	DURATION	EXAM
27	20-01-2025	MONDAY	FULL SYLLABUS	3.30 hrs	B.Arch/B.Planning
28	21-01-2025	TUESDAY	FULL SYLLABUS	3 hrs	JEE (Main)
29	22-01-2025	WEDNESDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)
30	23-01-2025	THURSDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)
31	25-01-2025	SATURDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)
32	26-01-2025	SUNDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)
33	28-01-2025	TUESDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)
34	29-01-2025	WEDNESDAY	FULL SYLLABUS	3 hrs	JEE (Main) (optional)

# UNITWISE DISTRIBUTION OF TOPICS

## UNIT-I

**PHYSICS:** Units & Dimensions, Errors in Measurements, Kinematics, Laws of motion, Friction. \*Vernier callipers, Screw gauge

**CHEMISTRY:** Some basic concepts of chemistry, Structure of atom, Redox reaction

**MATHEMATICS:** Sets, Relations and functions, Trigonometry (Identities and Functions), Inverse Trigonometrical functions and their properties

## UNIT-II

**PHYSICS:** Work energy power, Circular motion, Rotational motion, Centre of mass, Conservation of Linear Momentum & Collision, Gravitation \*Metre Scale

**CHEMISTRY:** Classification of elements and periodicity in properties, Chemical bonding and molecular structure

**MATHEMATICS:** Quadratic Equations, Complex Numbers, Sequence & Series

## UNIT-III

**PHYSICS:** Heat & Thermodynamics, Kinetic theory of gases, Heat Transfer, \* Specific heat capacity of a given solid and liquid by method of mixtures

**CHEMISTRY:** Chemical thermodynamics, Chemical and Ionic equilibrium.

**MATHEMATICS:** Permutations & Combinations, Binomial Theorem, Statistics

## UNIT-IV

**PHYSICS:** Properties of solids & liquids, Waves & Oscillations, \*Simple Pendulum \*Speed of sound in air at room temperature \*Young's modulus, Surface tension, Co-efficient of Viscosity

**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)

## UNIT-V

**PHYSICS:** Electrostatics, Current electricity & Capacitance, \*Metre bridge, Ohm's law, \*Resistance and figure of merit of a galvanometer by half deflection method

**CHEMISTRY:** Solutions, Electro chemistry, Chemical kinetics

**MATHEMATICS:** Probability, Matrices & Determinants

## UNIT-VI

**PHYSICS:** Magnetic effects of current & Magnetism, Dual nature of matter & radiation, Atoms & nuclei

**CHEMISTRY:** d & f-block elements, Coordination compounds, p-block elements (Group 13 to Group 18 elements)

**MATHEMATICS:** Vector algebra, Three Dimensional Geometry

## UNIT-VII

**PHYSICS:** Ray optics and optical instruments, Wave optics \*The focal length using parallax method, triangular prism, Refractive index of a glass slab using a travelling microscope,

**CHEMISTRY:** Haloalkanes & haloarenes, Stereo chemistry, Aldehydes & ketones, Carboxylic acids, Alcohols, Phenols & Ethers

**MATHEMATICS:** Differential Calculus (Real Functions, Limit, Continuity, Differentiability & Derivatives, Applications of Derivatives)

## UNIT-VIII

**PHYSICS:** Electromagnetic induction, Alternating current, EM waves, Semiconductor electronics: Materials, devices and simple circuits, \*Diode, special purpose diodes up to electronic devices

**CHEMISTRY:** Organic compounds containing nitrogen, Biomolecules, Principle related to practical organic chemistry, Salt analysis

**MATHEMATICS:** Integral Calculus (Definite & Indefinite Integrals, Area under the Curve, Differential Equations)





# Awards 2025

We proudly announce the following Awards for the students of Brilliant Study Centre who achieve Top Ranks in 2025

**JEE (Advanced) / JEE (Main) B.Tech. / CEE KERALA Engg. / JEE (Main) B.Arch. / JEE (Main) B.Planning / IAT / CUSAT-CAT & UCEED**

### JEE Advanced)

AIR 1	₹1 Crore	& Gold Medal
AIR 2	₹50 Lakhs	& Gold Medal
AIR 3-5	₹25 Lakhs	& Gold Medal
AIR 6-10	₹15 Lakhs	& Gold Medal
AIR 11-50	₹10 Lakhs	& Gold Medal
AIR 51-100	₹5 Lakhs	& Gold Medal
AIR 101-200	₹4 Lakhs	& Gold Medal
AIR 201-300	₹3 Lakhs	& Gold Medal
AIR 301- 500	₹2 Lakhs	& Gold Medal
AIR 501-1000	₹1 Lakh	& Gold Medal
AIR 1001-2000	₹50,000	& Gold Medal
AIR 2001-3000	₹25,000	& Gold Medal
AIR 3001-4000	₹10,000	& Gold Medal
AIR 4001-5000	₹5,000	& Gold Medal
AIR 5001-10000		Gold Medal
AIR 10001-20000		Special Prize

### JEE (Main) B.Tech.

AIR 1	₹50 Lakhs	& Gold Medal
AIR 2-5	₹25 Lakhs	& Gold Medal
AIR 6-10	₹15 Lakhs	& Gold Medal
AIR 11-50	₹10 Lakhs	& Gold Medal
AIR 51-100	₹5 Lakhs	& Gold Medal
AIR 101-200	₹4 Lakhs	& Gold Medal
AIR 201-300	₹3 Lakhs	& Gold Medal
AIR 301- 500	₹2 Lakhs	& Gold Medal
AIR 501-1000	₹1 Lakh	& Gold Medal
AIR 1001-2000	₹50,000	& Gold Medal
AIR 2001-3000	₹25,000	& Gold Medal
AIR 3001-4000	₹10,000	& Gold Medal
AIR 4001-5000	₹5,000	& Gold Medal
AIR 5001-10000		Gold Medal
AIR 10001-20000		Special Prize 1
AIR 20001-30000		Special Prize 2

### CEE KERALA -ENGG.

RANK 1	₹10 Lakhs	& Gold Medal
RANK 2	₹5 Lakhs	& Gold Medal
RANK 3	₹4 Lakhs	& Gold Medal
RANK 4 & 5	₹3 Lakhs	& Gold Medal
RANK 6 & 7	₹2 Lakhs	& Gold Medal
RANK 8 -10	₹1 Lakhs	& Gold Medal
RANK 11-15	₹50000	& Gold Medal
RANK16-20	₹25000	& Gold Medal
RANK 21-30	₹10000	& Gold Medal
RANK 31-50	₹5000	& Gold Medal
RANK 51-100		Gold Medal
RANK 101-500		Special Prize 1
RANK 501-1000		Special Prize 2

#### SPECIAL CATEGORY AWARDS

CEE KERALA ENGG. FIRST RANK	SC - ₹ 25000 ST - ₹ 25000
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### IMPORTANT NOTE:

The Board of Directors of Brilliant Study centre reserves their right to amend and/or modify any of the provisions in the distribution of Scholarships /Awards including the amount.

If the same rank is secured by two or more students, the award will be shared. A student can avail only one award. **Cash awards are subject to TDS as per rules**

The awards and cash prizes are applicable only to the students of the Brilliant Study Centre. If any other institute makes a claim for rank of a particular candidate and if the candidate admit that he/she studied in the said institute, such students will not have any eligibility/claim of awards/cash prizes from Brilliant. The award winners are bound to give motivation videos prior to the award distribution ceremony.

### JEE (Main) B.Arch & B.Planning/ UCEED/IAT (IISER)/CUSAT-CAT (B.Tech)

AIR-1	₹1 Lakh	& Gold Medal
AIR-2	₹ 50,000	& Gold Medal
AIR-3	₹ 10,000	& Gold Medal
AIR-4 to 10	₹ 5000	& Gold Medal

## JEE MAIN 2024



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

#### PALA

Mutholy, Puliyanoor P.O, Kottayam (Dist.)  
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#### KOTTAKKAL

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#### KOZHIKODE

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#### KANNUR

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Thalap. Ph: 9188900505

#### THRISSUR

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